

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070043.D
 Acq On : 13 Dec 2021 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 07:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	922148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1514896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1429404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	608470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	715379	50.244	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.480%			
35) Dibromofluoromethane	8.021	113	501245	52.824	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.640%			
50) Toluene-d8	10.440	98	1893513	49.697	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.731	95	707981	51.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.580%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	500802	46.563	ug/l	100
3) Chloromethane	2.301	50	613600	45.538	ug/l	99
4) Vinyl Chloride	2.445	62	574279	46.351	ug/l	100
5) Bromomethane	2.832	94	318376	47.298	ug/l	99
6) Chloroethane	3.006	64	343059	45.185	ug/l	100
7) Trichlorofluoromethane	3.368	101	758744	46.660	ug/l	98
8) Diethyl Ether	3.821	74	315010	50.298	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	457378	50.177	ug/l	95
10) Methyl Iodide	4.417	142	617369	49.577	ug/l	97
11) Tert butyl alcohol	5.385	59	584015	216.999	ug/l	99
12) 1,1-Dichloroethene	4.175	96	428016	48.728	ug/l	89
13) Acrolein	4.038	56	534080	233.029	ug/l	96
14) Allyl chloride	4.835	41	1017249	51.394	ug/l #	91
15) Acrylonitrile	5.554	53	1798970	248.060	ug/l	99
16) Acetone	4.285	43	1917308	223.859	ug/l	97
17) Carbon Disulfide	4.521	76	1162564	51.230	ug/l	98
18) Methyl Acetate	4.854	43	1226301	47.435	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1691396	49.523	ug/l	95
20) Methylene Chloride	5.092	84	540579	47.478	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	459560	48.169	ug/l	88
22) Diisopropyl ether	6.495	45	2023959	52.316	ug/l #	94
23) Vinyl Acetate	6.433	43	7265033	230.826	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1025398	51.167	ug/l	98
25) 2-Butanone	7.335	43	2733085	234.860	ug/l	91
26) 2,2-Dichloropropane	7.327	77	741246	47.572	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	570350	49.480	ug/l	86
28) Bromochloromethane	7.656	49	553872	53.149	ug/l #	77
29) Tetrahydrofuran	7.686	42	1727146	244.420	ug/l	87
30) Chloroform	7.817	83	1031429	50.962	ug/l	98
31) Cyclohexane	8.094	56	922240	46.544	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	869425	50.431	ug/l	94
36) 1,1-Dichloropropene	8.220	75	726393	50.369	ug/l	96
37) Ethyl Acetate	7.415	43	1019052	47.476	ug/l	95
38) Carbon Tetrachloride	8.204	117	751154	53.116	ug/l	98
39) Methylcyclohexane	9.459	83	835943	48.732	ug/l	89
40) Benzene	8.458	78	2219329	50.347	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070043.D
 Acq On : 13 Dec 2021 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 07:27:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/14/2021
 Supervised By : Amit Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	521776	51.784	ug/l	90
42) 1,2-Dichloroethane	8.528	62	890127	50.023	ug/l	97
43) Isopropyl Acetate	8.560	43	1595330	50.225	ug/l #	93
44) Trichloroethene	9.215	130	518608	49.292	ug/l	90
45) 1,2-Dichloropropane	9.488	63	611433	51.654	ug/l	100
46) Dibromomethane	9.577	93	399251	51.429	ug/l	93
47) Bromodichloromethane	9.762	83	843862	57.411	ug/l	99
48) Methyl methacrylate	9.561	41	747911	50.455	ug/l	87
49) 1,4-Dioxane	9.569	88	250484	941.752	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	5411766	262.631	ug/l	95
52) Toluene	10.505	92	1354264	50.322	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	855116	48.454	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	920341	49.613	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	563183	51.866	ug/l	97
56) Ethyl methacrylate	10.759	69	935993	45.881	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	981081	51.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1342560	243.197	ug/l	91
59) 2-Hexanone	11.084	43	3936173	252.517	ug/l	92
60) Dibromochloromethane	11.237	129	614650	52.696	ug/l	100
61) 1,2-Dibromoethane	11.344	107	576651	51.273	ug/l	98
64) Tetrachloroethene	10.977	164	445827	45.998	ug/l	95
65) Chlorobenzene	11.771	112	1437740	49.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	550495	53.936	ug/l	100
67) Ethyl Benzene	11.843	91	2714999	51.543	ug/l	96
68) m/p-Xylenes	11.953	106	1982249	103.353	ug/l	92
69) o-Xylene	12.280	106	986960	51.088	ug/l	91
70) Styrene	12.294	104	1646697	53.754	ug/l	96
71) Bromoform	12.457	173	477720	54.466	ug/l #	100
73) Isopropylbenzene	12.578	105	2613890	48.283	ug/l	98
74) N-amyl acetate	12.387	43	1161809	48.527	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	913610	48.802	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	817540m	46.852	ug/l	
77) Bromobenzene	12.859	156	607120	47.745	ug/l	77
78) n-propylbenzene	12.918	91	2999819	49.796	ug/l	96
79) 2-Chlorotoluene	13.007	91	1841742	48.384	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2148668	49.311	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	264971	49.723	ug/l	96
82) 4-Chlorotoluene	13.103	91	1775614	49.601	ug/l	92
83) tert-Butylbenzene	13.323	119	1872247	48.525	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2084403	50.229	ug/l	97
85) sec-Butylbenzene	13.500	105	2619454	50.052	ug/l	97
86) p-Isopropyltoluene	13.616	119	2076224	50.754	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1033246	49.461	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	994030	48.420	ug/l	97
89) n-Butylbenzene	13.943	91	1692180	50.994	ug/l	98
90) Hexachloroethane	14.208	117	412380	57.417	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1001713	49.213	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	177025	52.331	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	457769	46.093	ug/l	98
94) Hexachlorobutadiene	15.370	225	271031	50.243	ug/l	100
95) Naphthalene	15.504	128	1282865	43.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	461056	47.515	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070043.D
Acq On : 13 Dec 2021 20:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

Quant Time: Dec 14 07:27:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

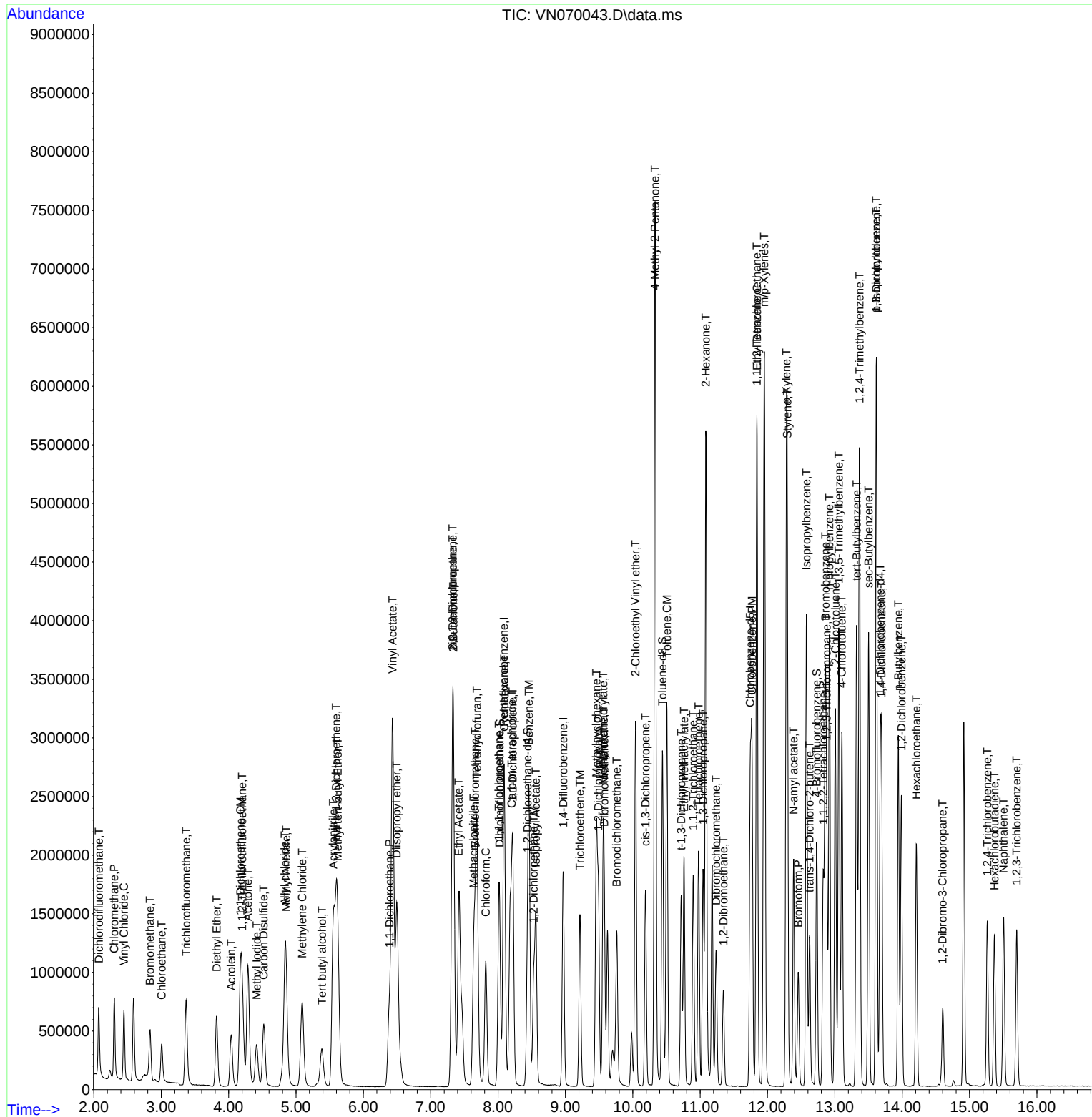
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
Data File : VN070043.D
Acq On : 13 Dec 2021 20:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

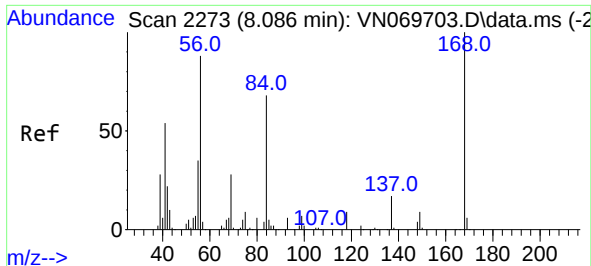
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Quant Time: Dec 14 07:27:48 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

Manual Integrations
APPROVED

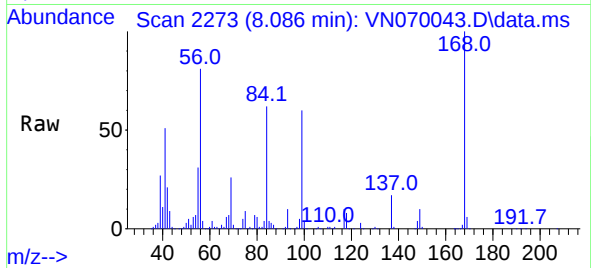
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

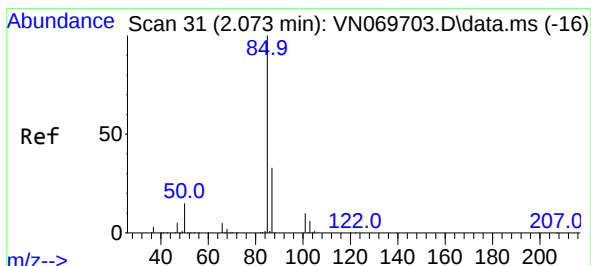
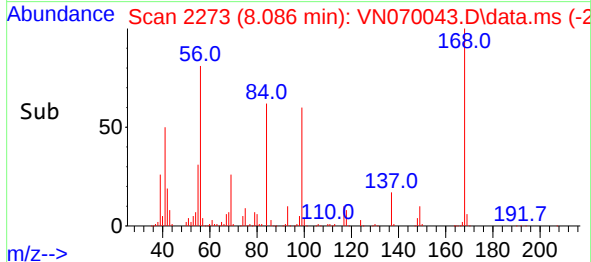
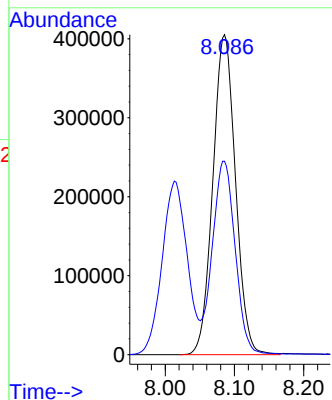
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 922148
Ion Ratio Lower Upper
168 100
99 60.2 41.3 61.9

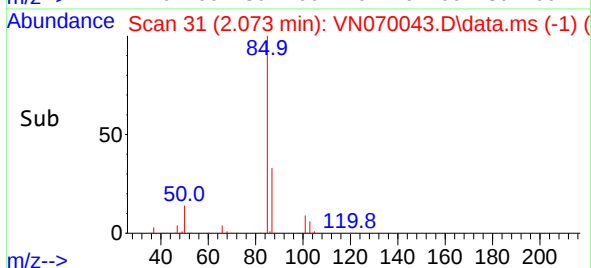
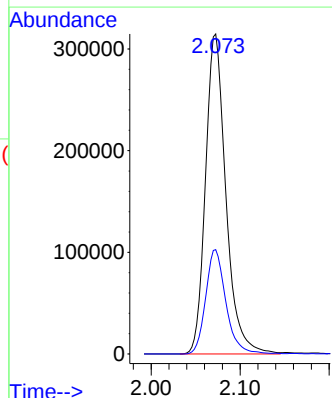
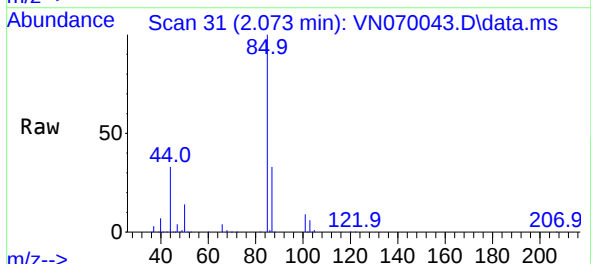
Manual Integrations
APPROVED

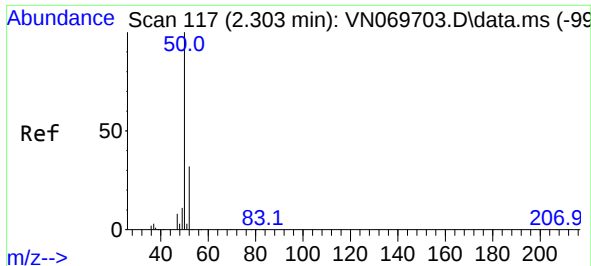
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#2
Dichlorodifluoromethane
Concen: 46.563 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

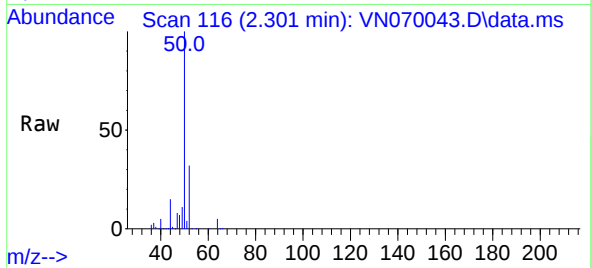
Tgt Ion: 85 Resp: 500802
Ion Ratio Lower Upper
85 100
87 32.6 16.3 48.9





#3
Chloromethane
Concen: 45.538 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

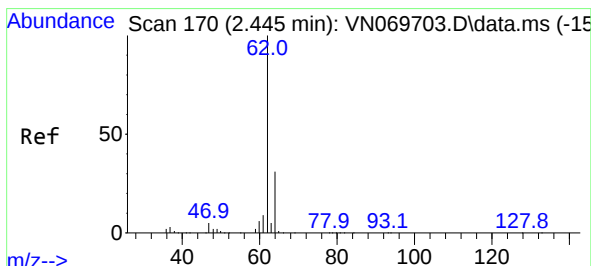
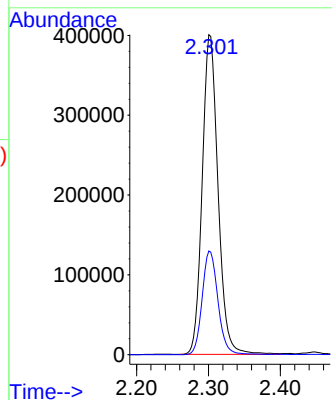
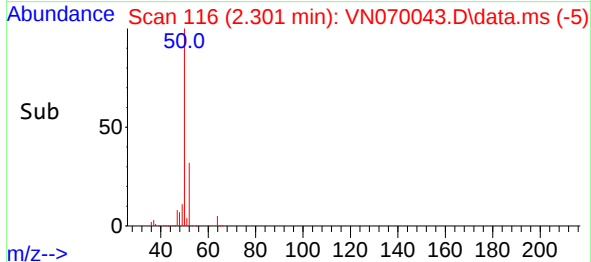
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 613600
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.0

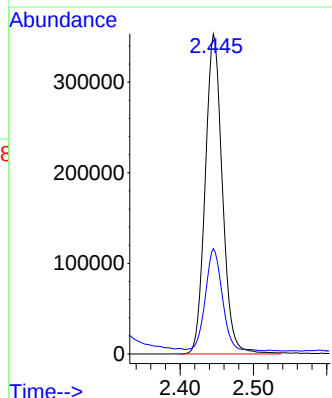
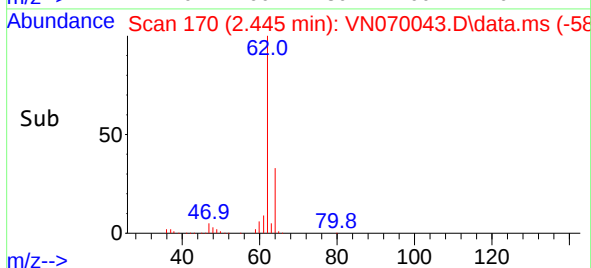
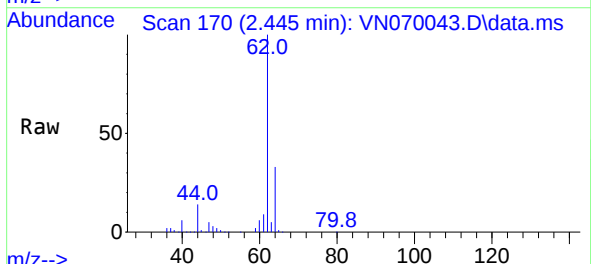
Manual Integrations
APPROVED

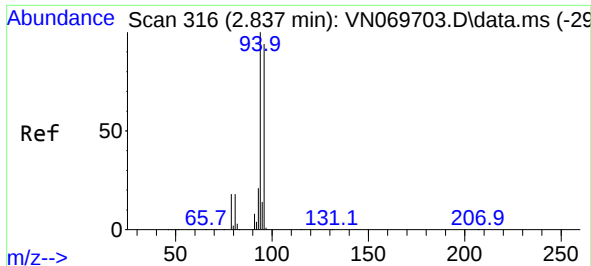
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#4
Vinyl Chloride
Concen: 46.351 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

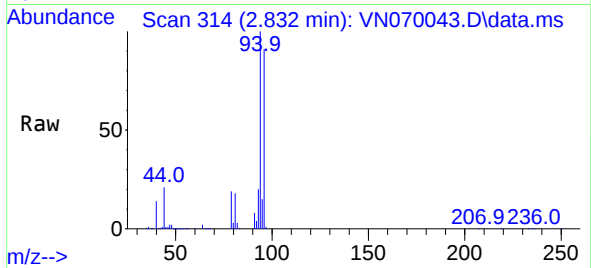
Tgt Ion: 62 Resp: 574279
Ion Ratio Lower Upper
62 100
64 31.9 25.8 38.6





#5
Bromomethane
Concen: 47.298 ug/l
RT: 2.832 min Scan# 316
Delta R.T. -0.005 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

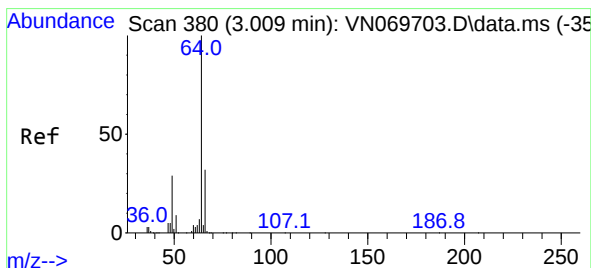
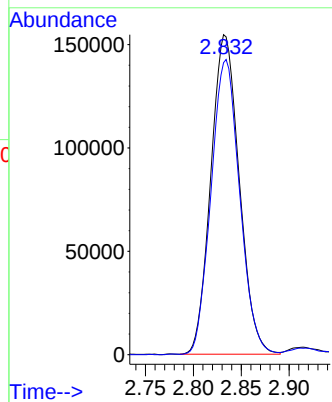
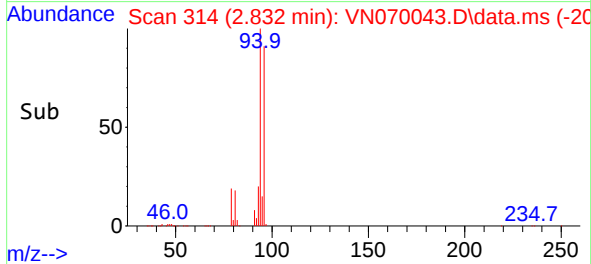
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 318370
Ion Ratio Lower Upper
94 100
96 91.3 73.8 110.8

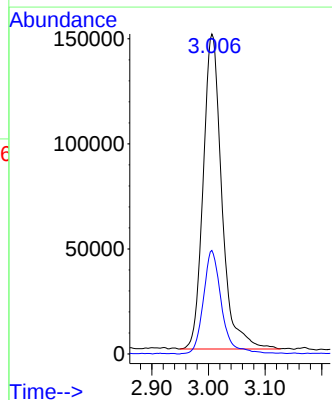
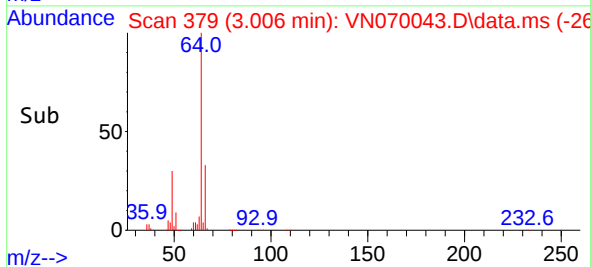
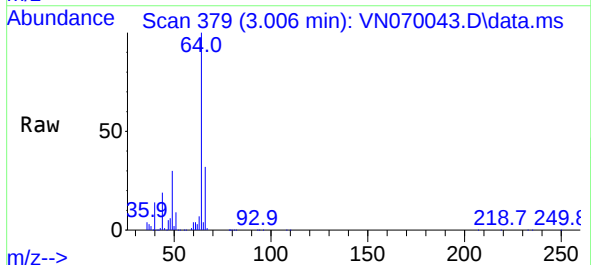
Manual Integrations
APPROVED

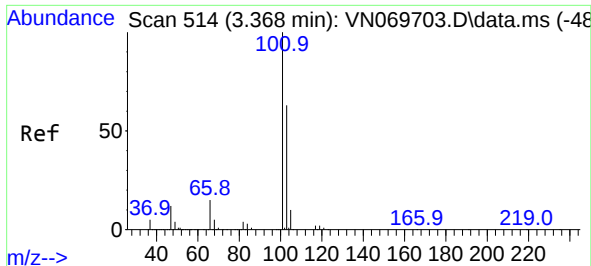
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#6
Chloroethane
Concen: 45.185 ug/l
RT: 3.006 min Scan# 379
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

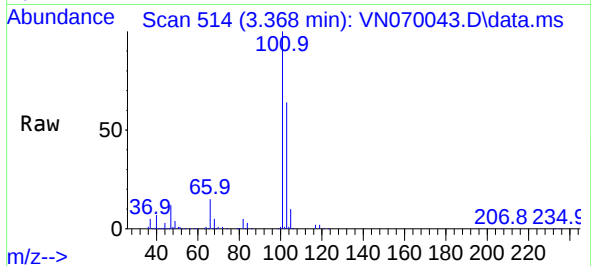
Tgt Ion: 64 Resp: 343059
Ion Ratio Lower Upper
64 100
66 32.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.660 ug/l
RT: 3.368 min Scan# 514
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

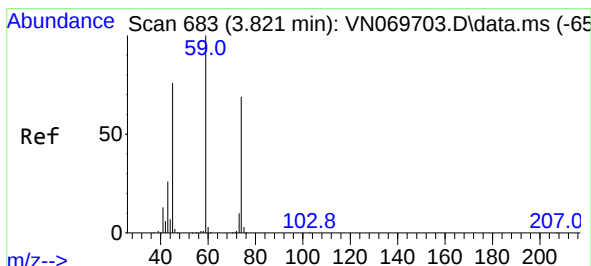
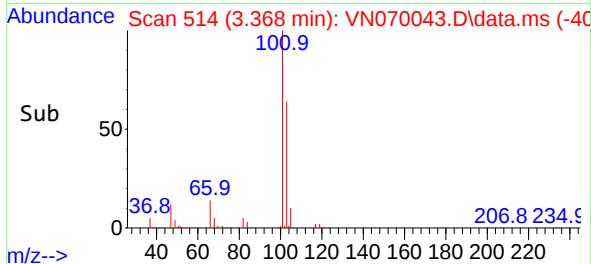
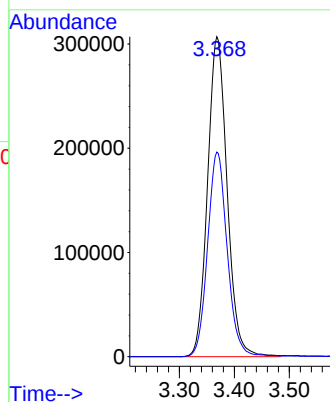
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 758744
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

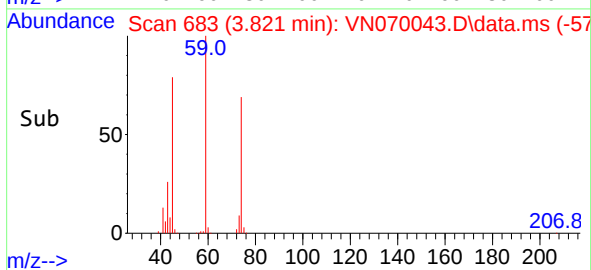
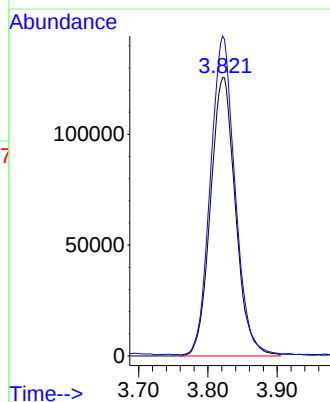
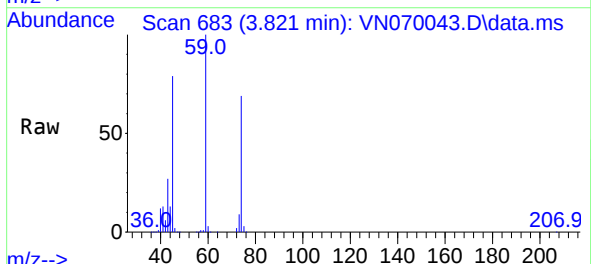
Manual Integrations
APPROVED

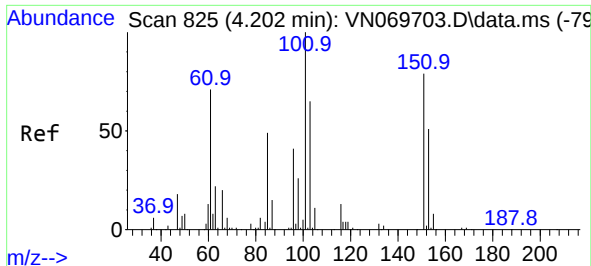
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#8
Diethyl Ether
Concen: 50.298 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion: 74 Resp: 315010
Ion Ratio Lower Upper
74 100
45 112.4 47.0 141.2





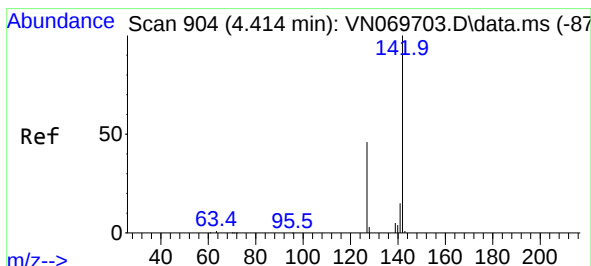
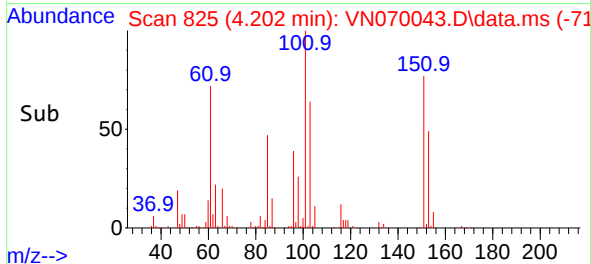
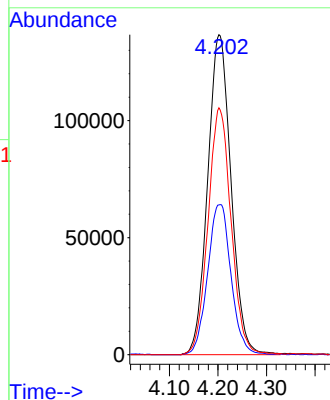
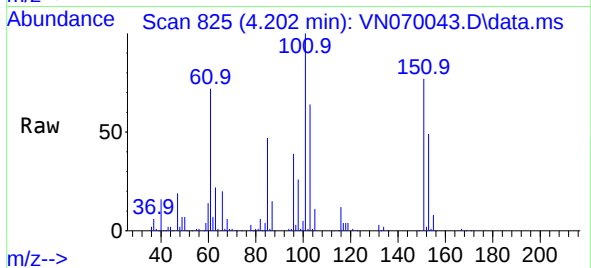
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.177 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 457378
Ion Ratio Lower Upper
101 100
85 47.0 37.2 55.8
151 76.0 65.9 98.9

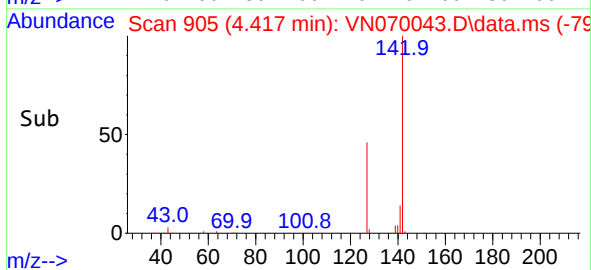
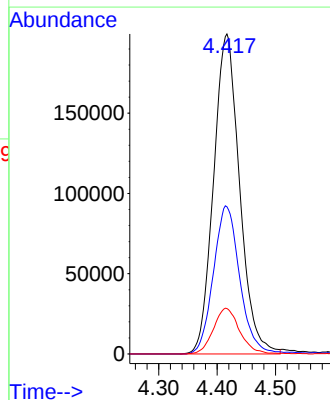
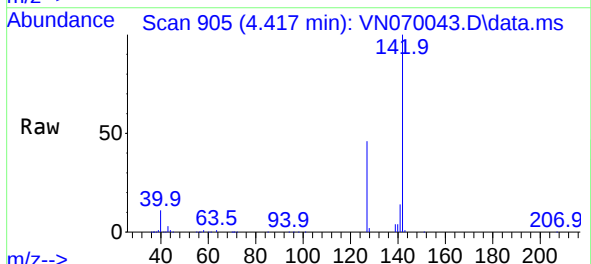
Manual Integrations
APPROVED

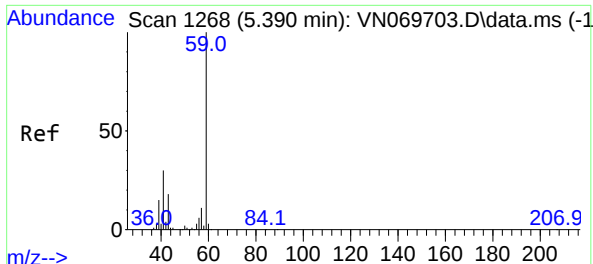
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#10
Methyl Iodide
Concen: 49.577 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

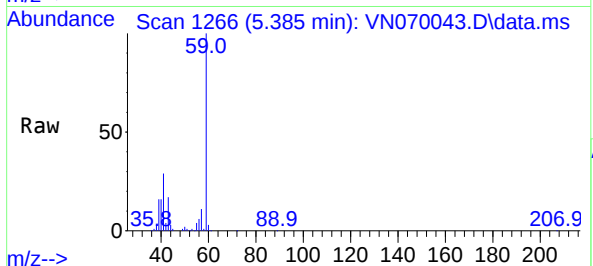
Tgt Ion:142 Resp: 617369
Ion Ratio Lower Upper
142 100
127 46.8 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 216.999 ug/l
RT: 5.385 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

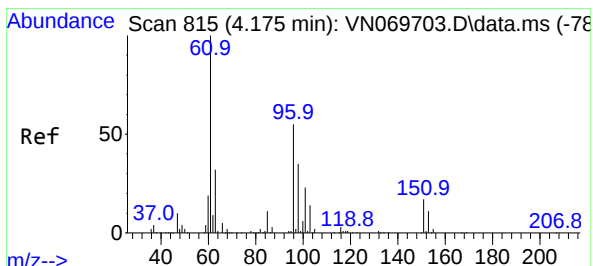
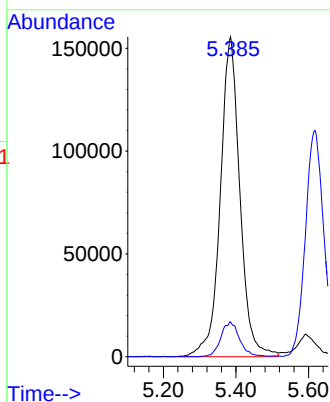
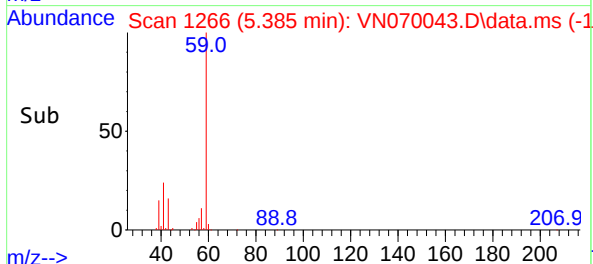
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



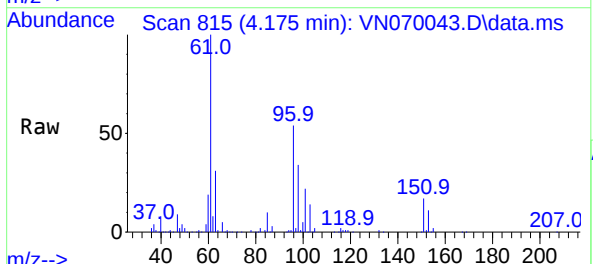
Tgt Ion: 59 Resp: 58401
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

Manual Integrations
APPROVED

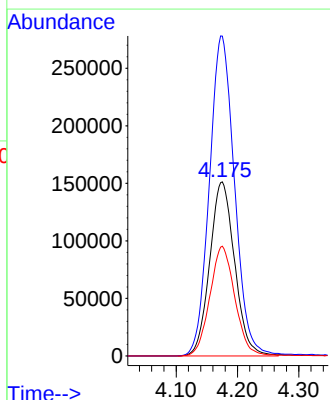
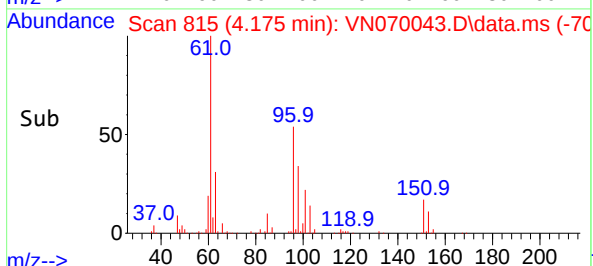
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

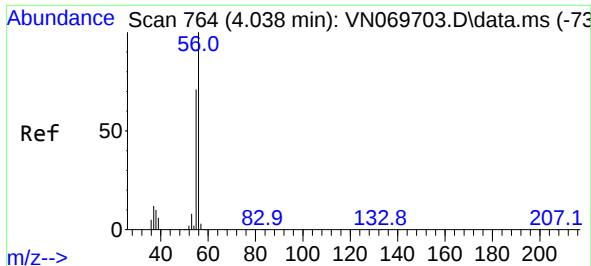


#12
1,1-Dichloroethene
Concen: 48.728 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



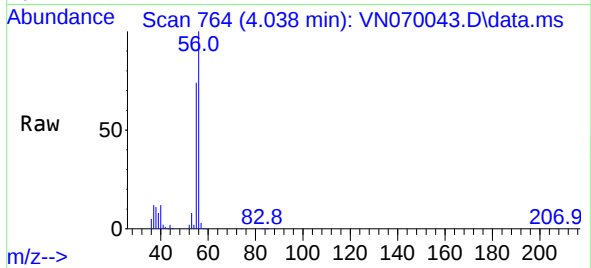
Tgt Ion: 96 Resp: 428016
Ion Ratio Lower Upper
96 100
61 183.6 131.0 196.6
98 63.0 52.4 78.6





#13
Acrolein
Concen: 233.029 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

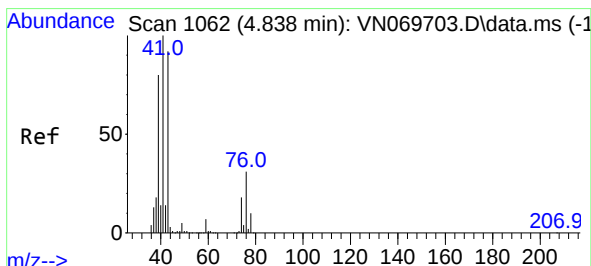
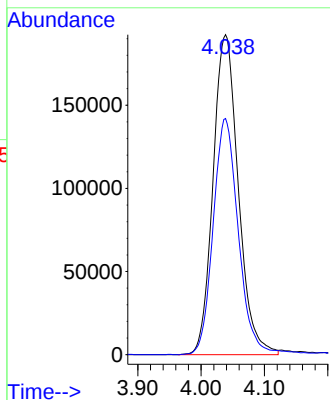
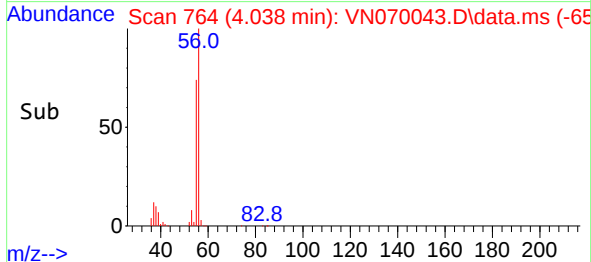
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



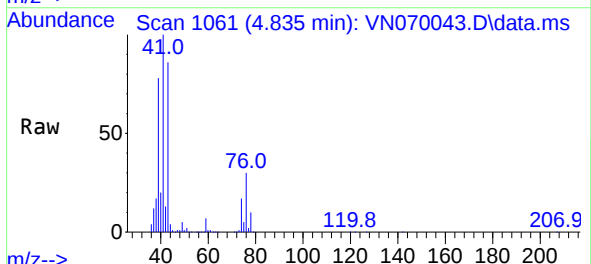
Tgt Ion: 56 Resp: 534080
Ion Ratio Lower Upper
56 100
55 74.0 56.6 85.0

Manual Integrations
APPROVED

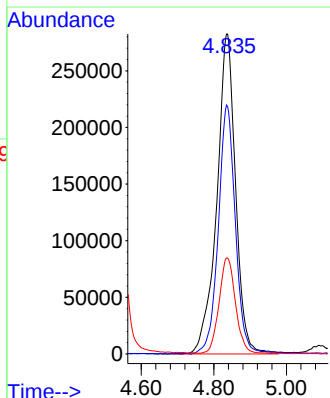
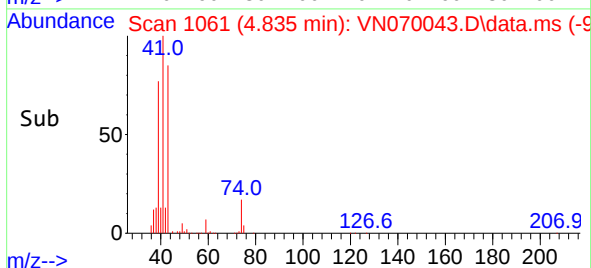
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

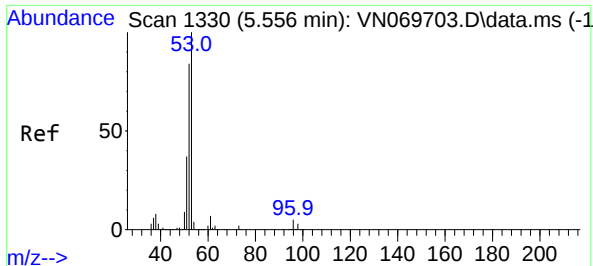


#14
Allyl chloride
Concen: 51.394 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



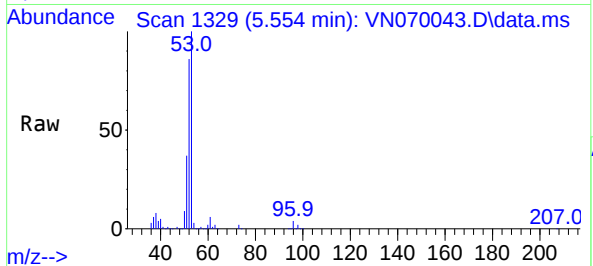
Tgt Ion: 41 Resp: 1017249
Ion Ratio Lower Upper
41 100
39 70.2 61.2 91.8
76 25.9 26.0 39.0#





#15
Acrylonitrile
Concen: 248.060 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

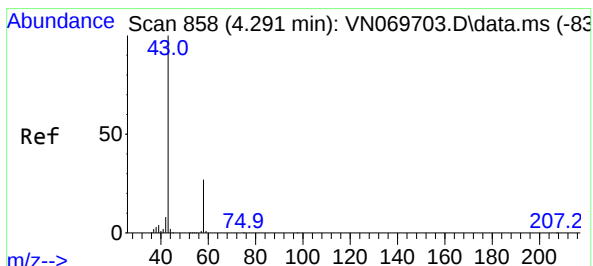
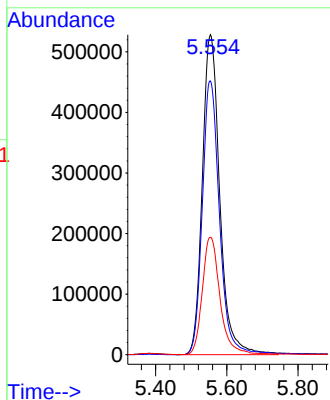
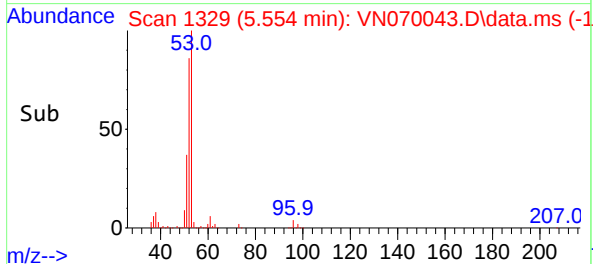
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 1798970
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 37.1 29.6 44.4

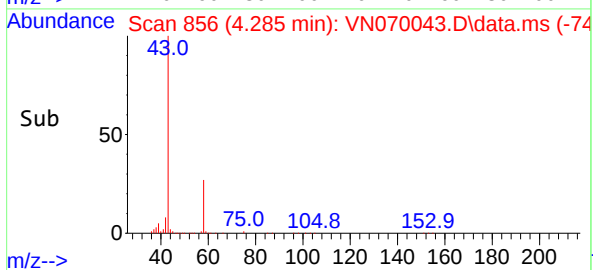
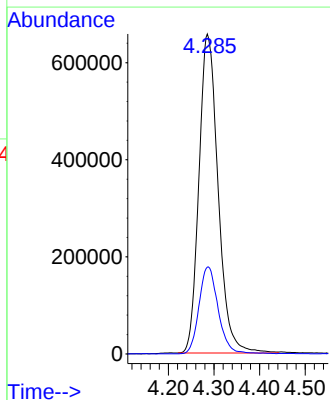
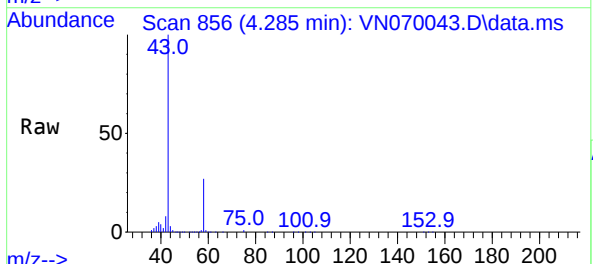
Manual Integrations
APPROVED

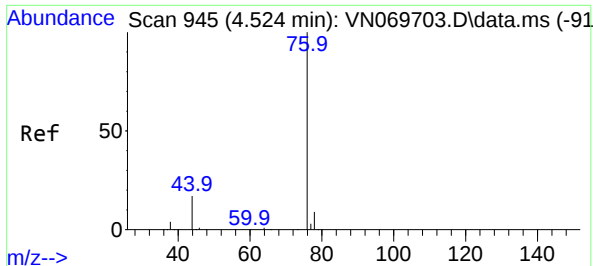
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#16
Acetone
Concen: 223.859 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

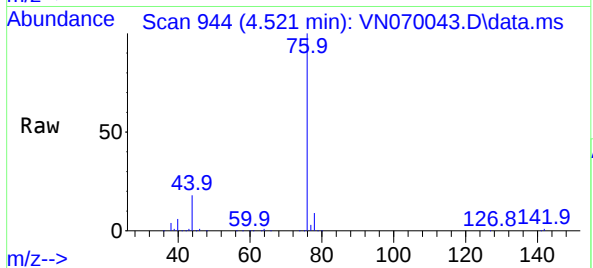
Tgt Ion: 43 Resp: 1917308
Ion Ratio Lower Upper
43 100
58 27.2 23.1 34.7





#17
Carbon Disulfide
Concen: 51.230 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

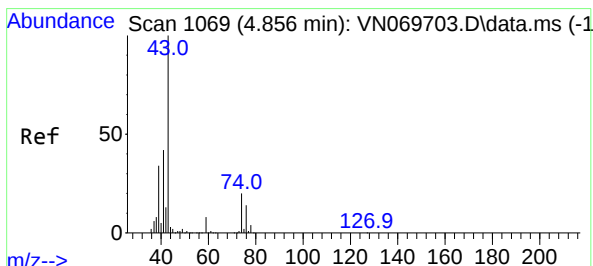
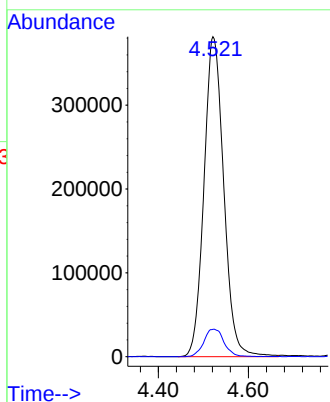
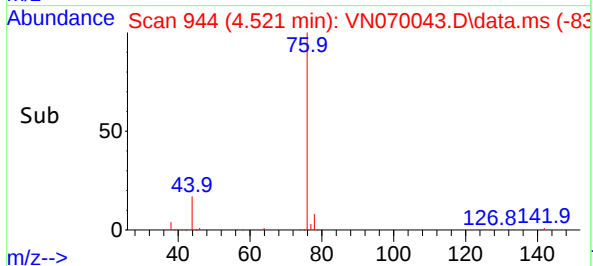
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



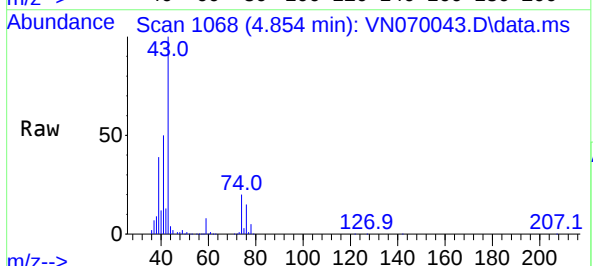
Tgt Ion: 76 Resp: 1162564
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3

Manual Integrations
APPROVED

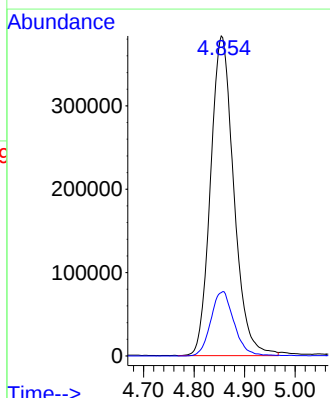
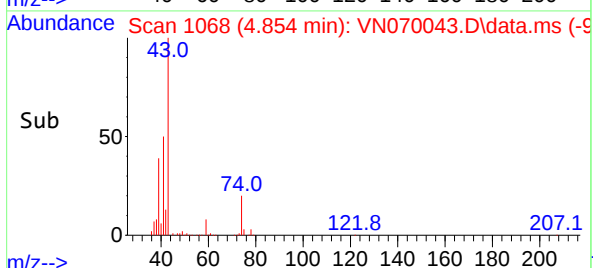
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

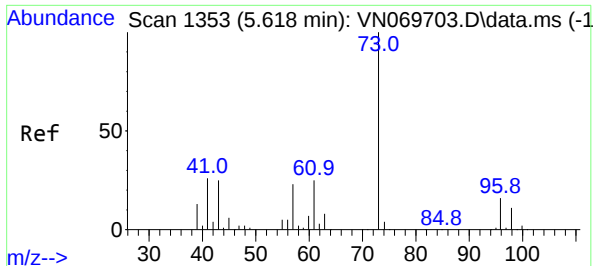


#18
Methyl Acetate
Concen: 47.435 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 43 Resp: 1226301
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 49.523 ug/l

RT: 5.618 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070043.D

Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1691390

Ion Ratio Lower Upper

73 100

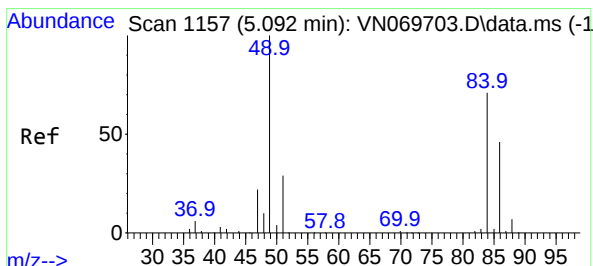
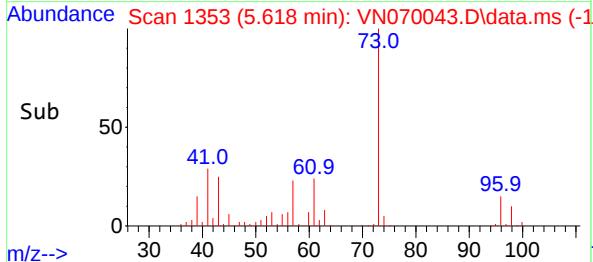
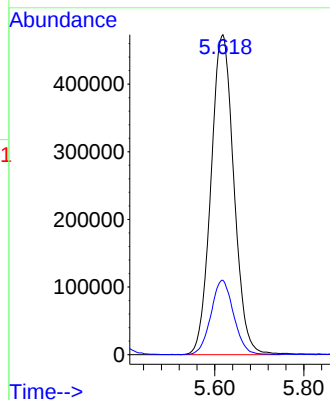
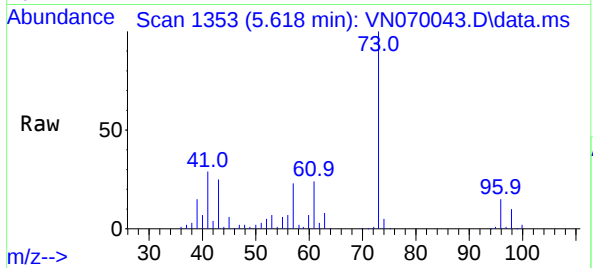
57 23.2 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#20

Methylene Chloride

Concen: 47.478 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070043.D

Acq: 13 Dec 2021 20:18

Tgt Ion: 84 Resp: 540579

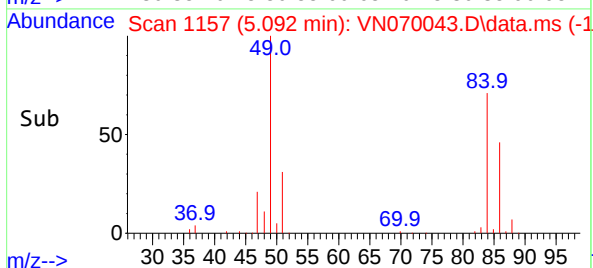
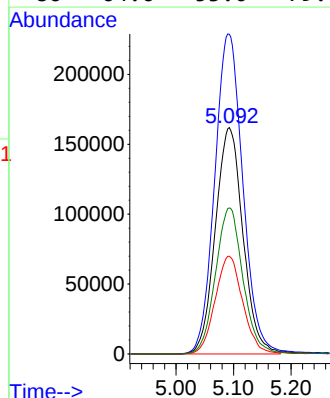
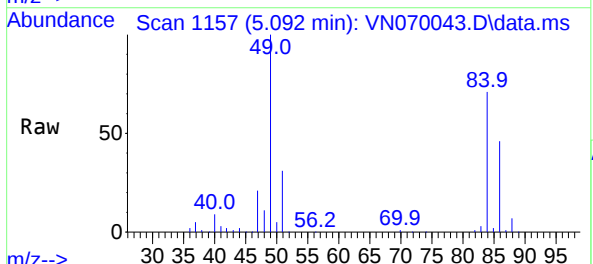
Ion Ratio Lower Upper

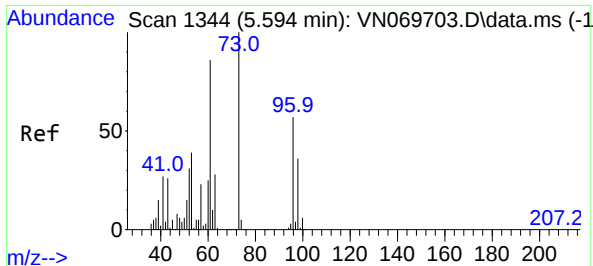
84 100

49 141.3 93.5 140.3#

51 43.2 29.4 44.2

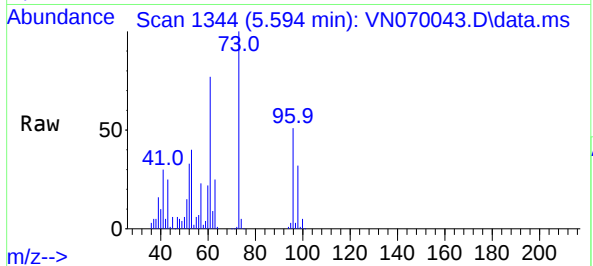
86 64.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.169 ug/l
RT: 5.594 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

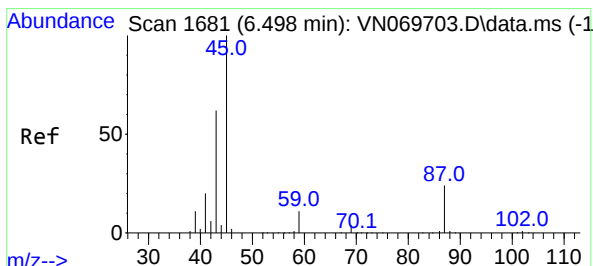
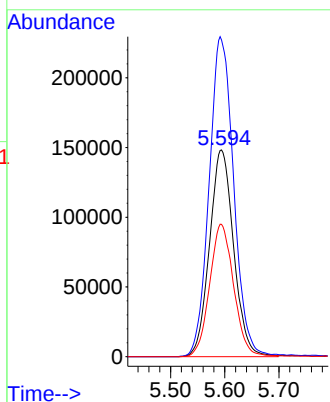
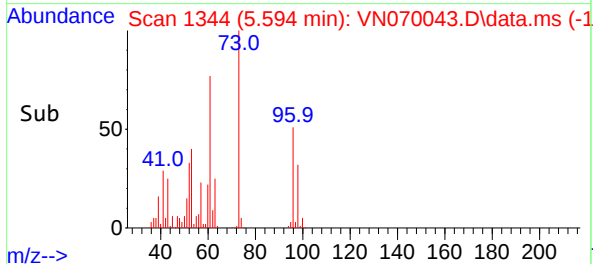
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



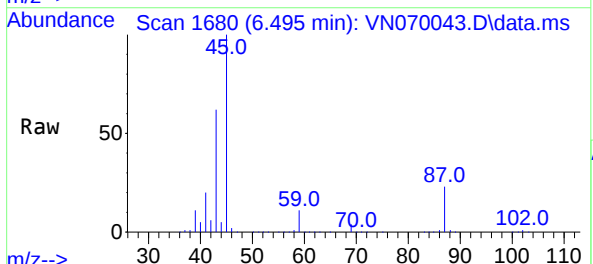
Tgt Ion: 96 Resp: 459560
Ion Ratio Lower Upper
96 100
61 153.1 105.8 158.6
98 64.0 52.0 78.0

Manual Integrations
APPROVED

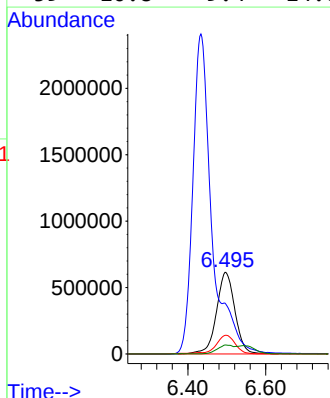
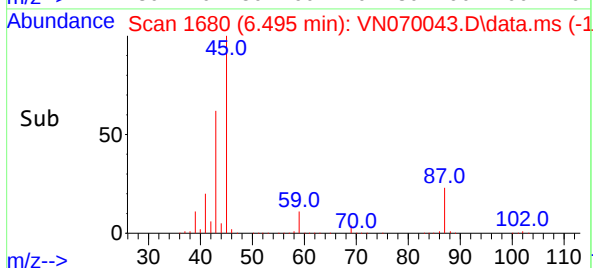
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

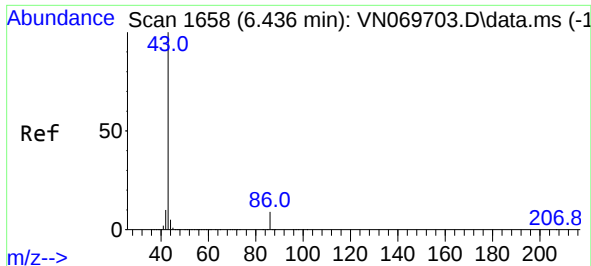


#22
Diisopropyl ether
Concen: 52.316 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 45 Resp: 2023959
Ion Ratio Lower Upper
45 100
43 61.1 51.7 77.5
87 22.6 23.2 34.8#
59 10.8 9.4 14.0





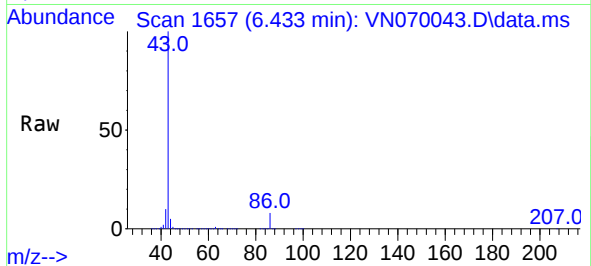
#23
 Vinyl Acetate
 Concen: 230.826 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070043.D
 Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

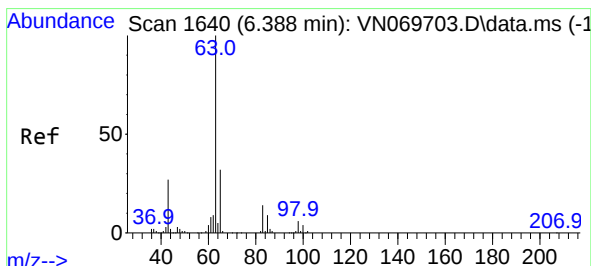
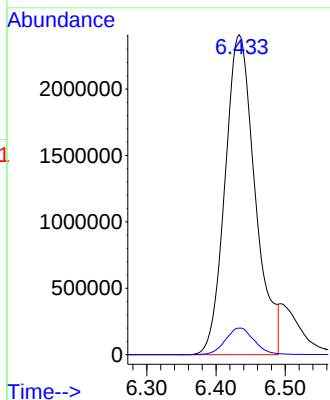
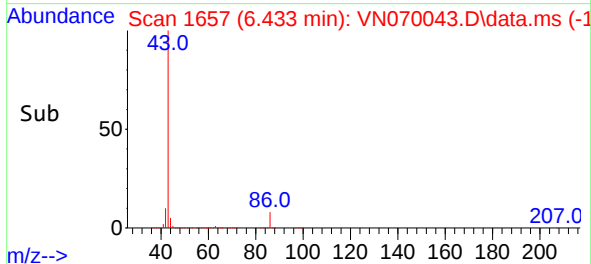


Tgt Ion: 43 Resp: 726503
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7

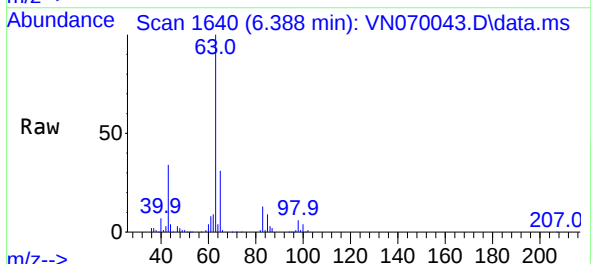
Manual Integrations

APPROVED

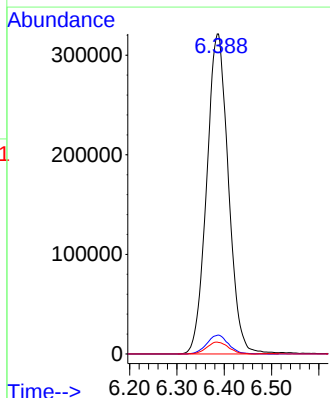
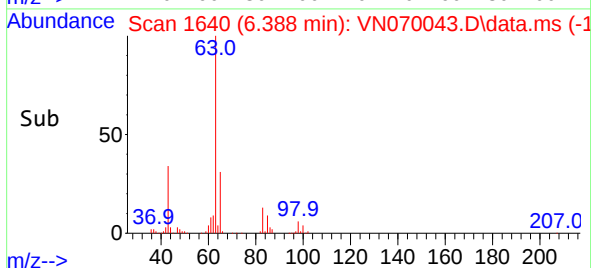
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021

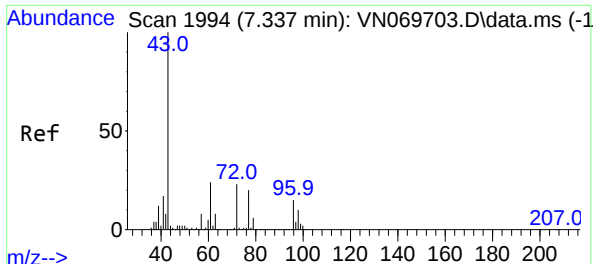


#24
 1,1-Dichloroethane
 Concen: 51.167 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070043.D
 Acq: 13 Dec 2021 20:18



Tgt Ion: 63 Resp: 1025398
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.6 2.1 6.5





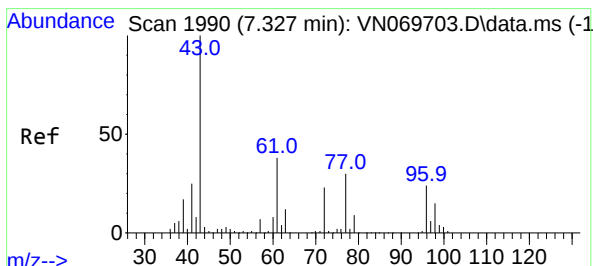
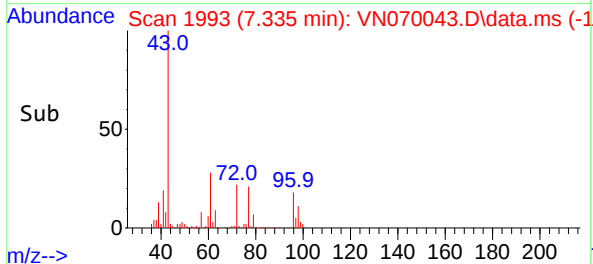
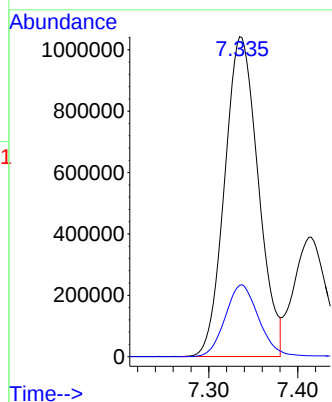
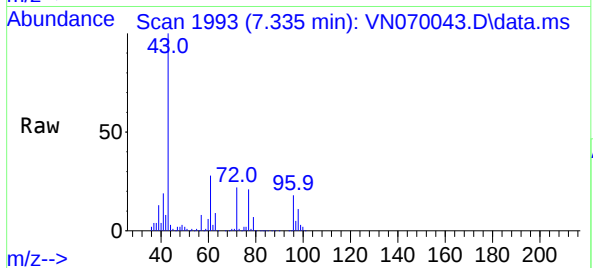
#25
2-Butanone
Concen: 234.860 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 273308
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

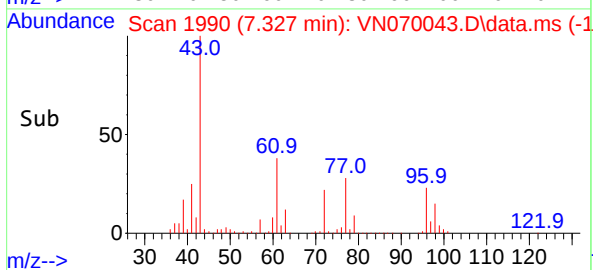
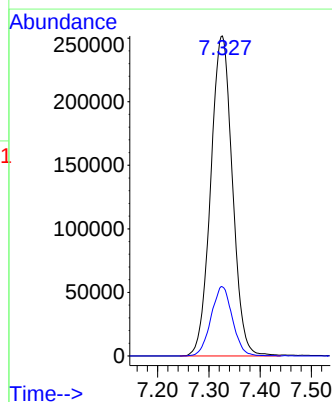
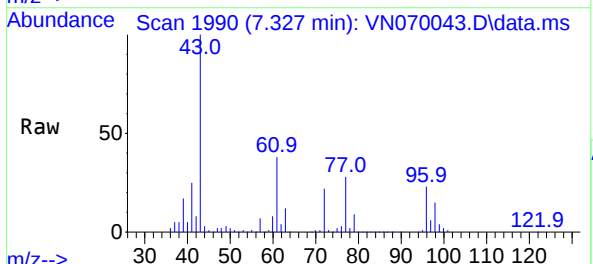
Manual Integrations
APPROVED

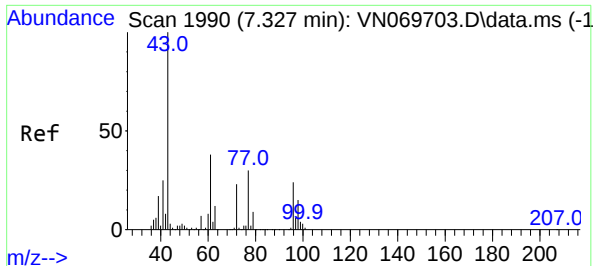
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#26
2,2-Dichloropropane
Concen: 47.572 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion: 77 Resp: 741246
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





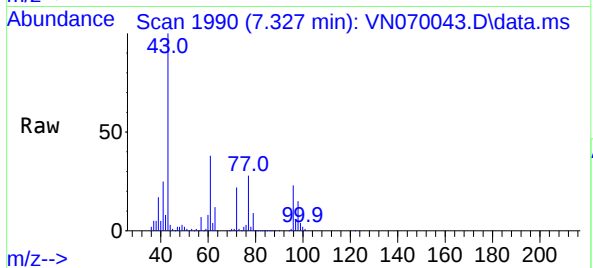
#27
 cis-1,2-Dichloroethene
 Concen: 49.480 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070043.D
 Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

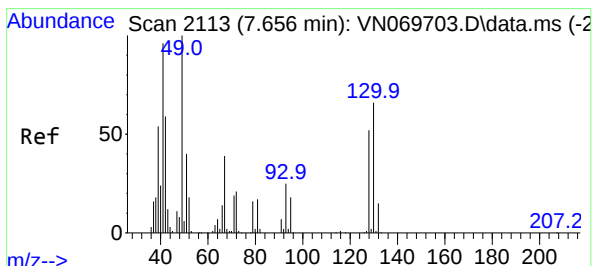
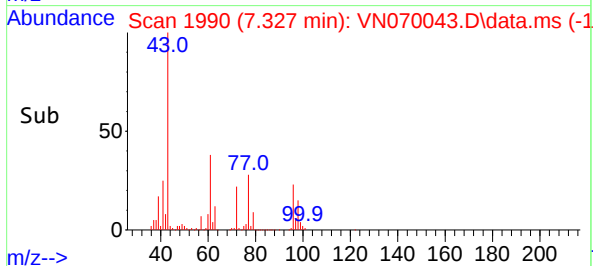
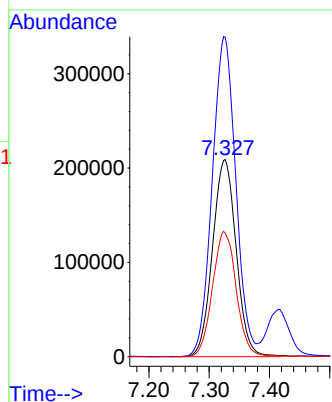


Tgt Ion: 96 Resp: 570350
 Ion Ratio Lower Upper
 96 100
 61 161.4 0.0 275.0
 98 63.6 0.0 129.6

Manual Integrations

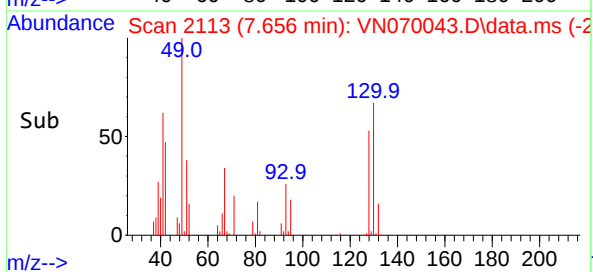
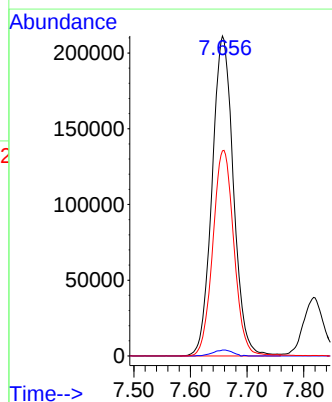
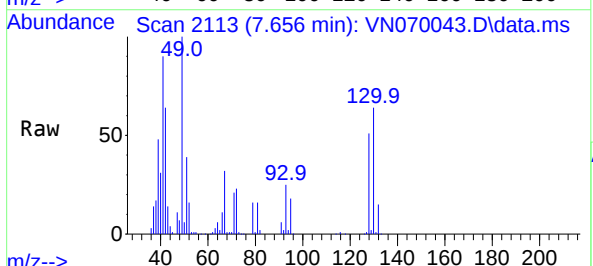
APPROVED

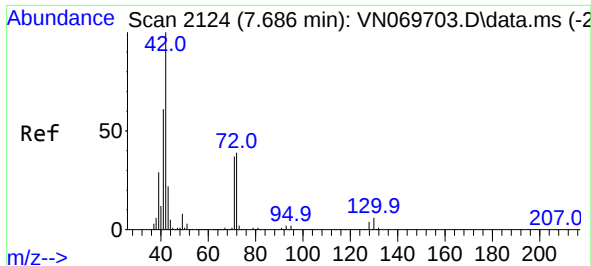
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#28
 Bromochloromethane
 Concen: 53.149 ug/l
 RT: 7.656 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070043.D
 Acq: 13 Dec 2021 20:18

Tgt Ion: 49 Resp: 553872
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 63.4 67.8 101.8#





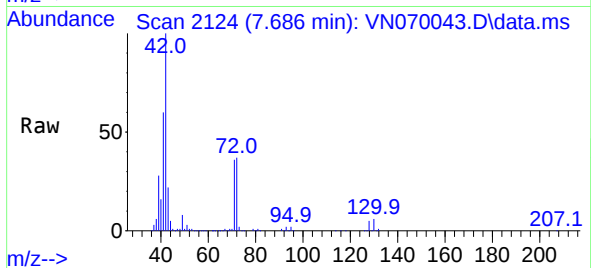
#29
Tetrahydrofuran
Concen: 244.420 ug/l
RT: 7.686 min Scan# 2124
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

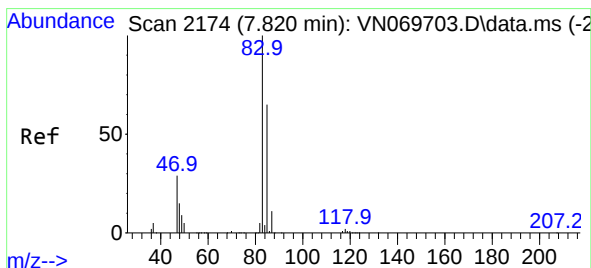
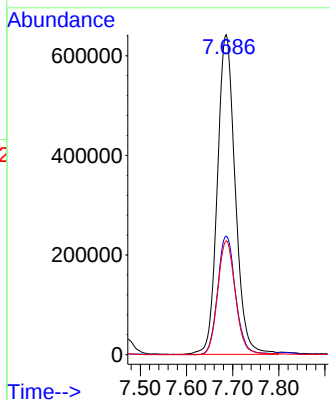
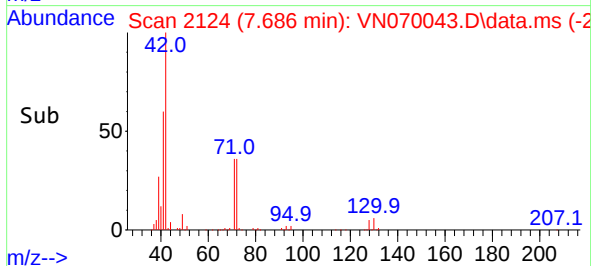


Tgt Ion: 42 Resp: 1727140
Ion Ratio Lower Upper
42 100
72 37.1 36.3 54.5
71 35.4 34.7 52.1

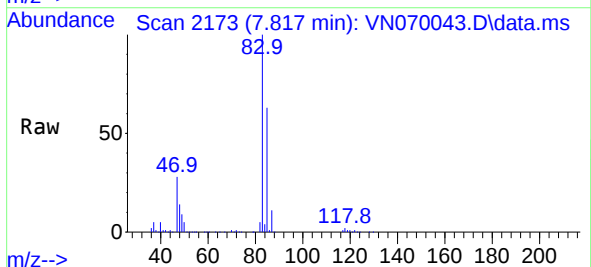
Manual Integrations

APPROVED

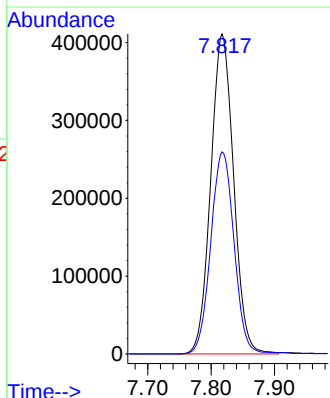
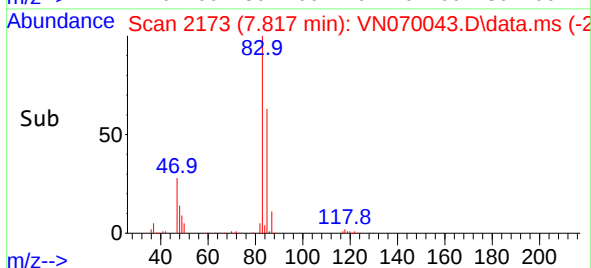
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

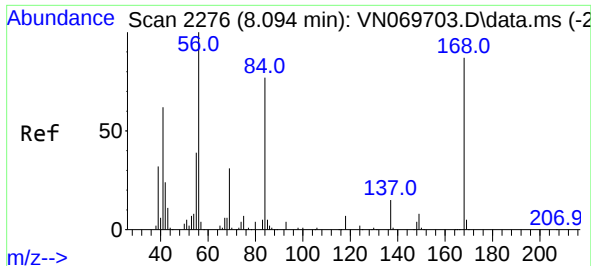


#30
Chloroform
Concen: 50.962 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



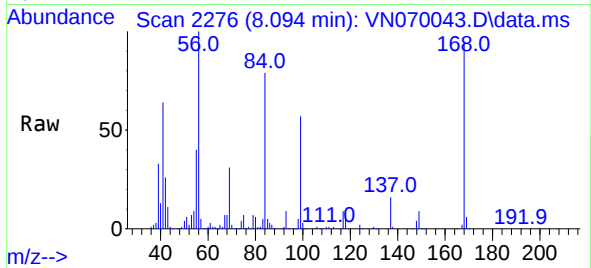
Tgt Ion: 83 Resp: 1031429
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9





#31
Cyclohexane
Concen: 46.544 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

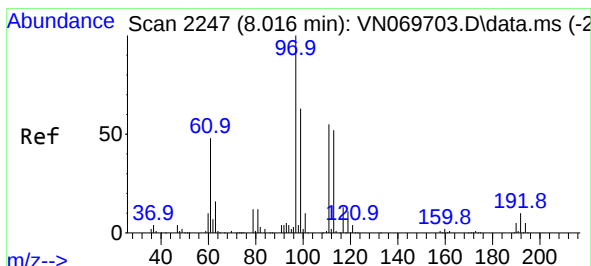
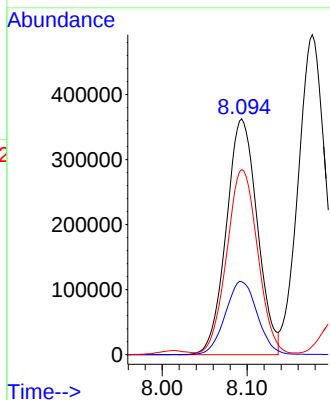
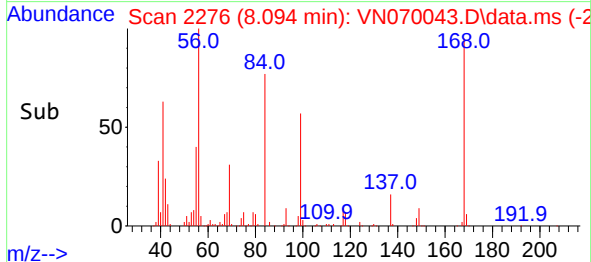
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



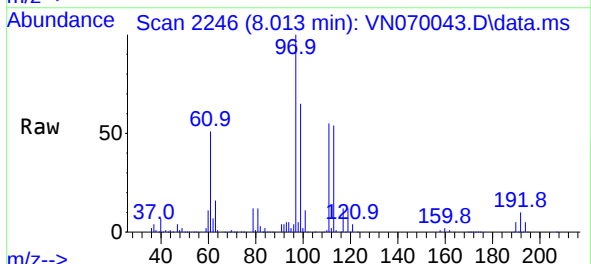
Tgt Ion: 56 Resp: 922240
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 76.9 73.4 110.0

Manual Integrations
APPROVED

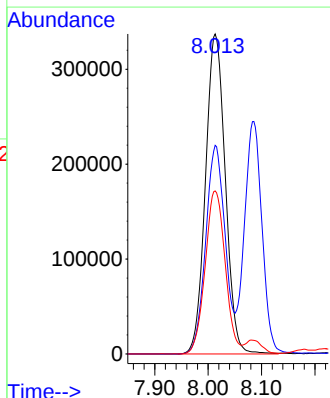
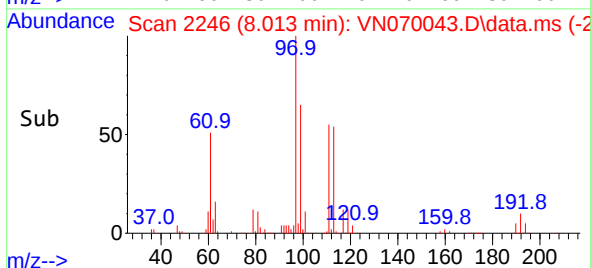
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

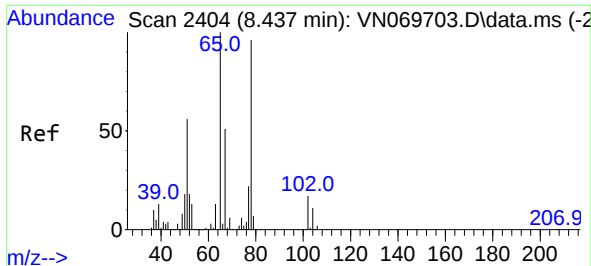


#32
1,1,1-Trichloroethane
Concen: 50.431 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 97 Resp: 869425
Ion Ratio Lower Upper
97 100
99 64.1 50.1 75.1
61 51.5 35.2 52.8





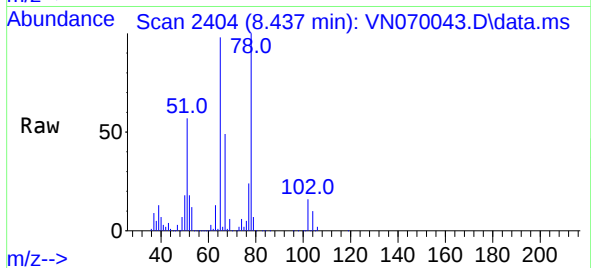
#33
1,2-Dichloroethane-d4
Concen: 50.244 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

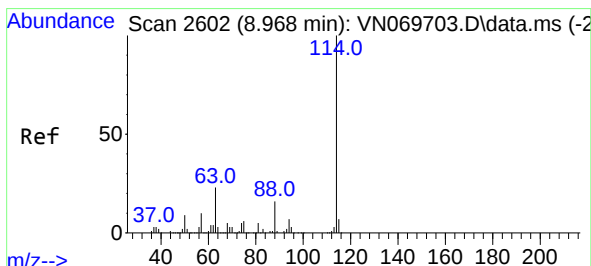
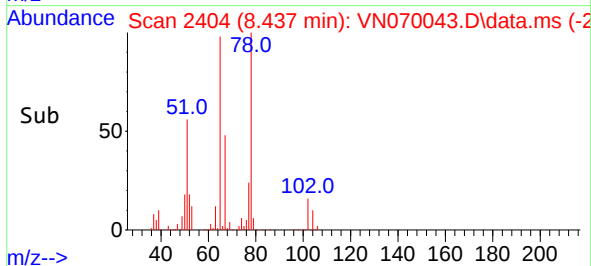
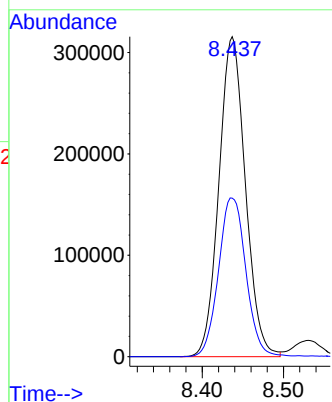


Tgt Ion: 65 Resp: 715379
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

Manual Integrations

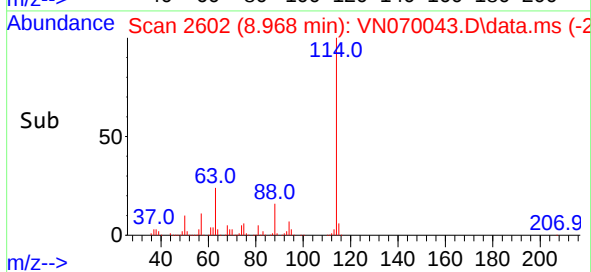
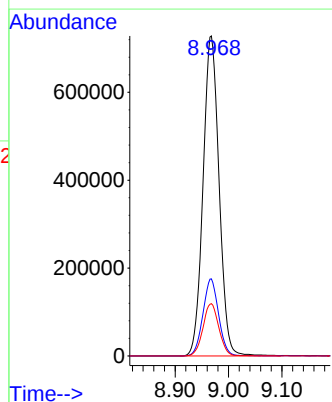
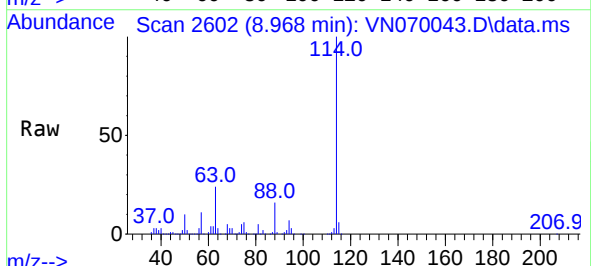
APPROVED

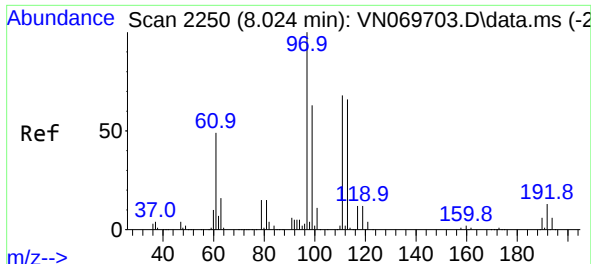
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

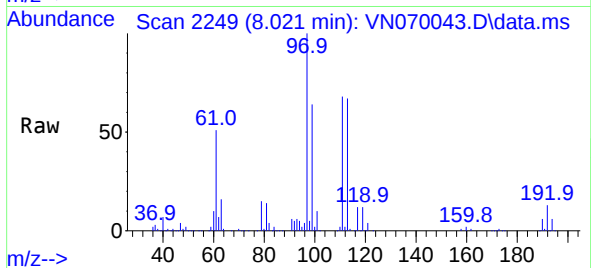
Tgt Ion:114 Resp: 1514896
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.824 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

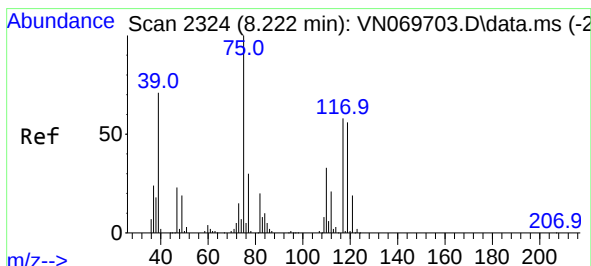
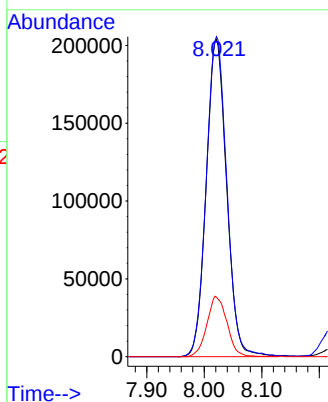
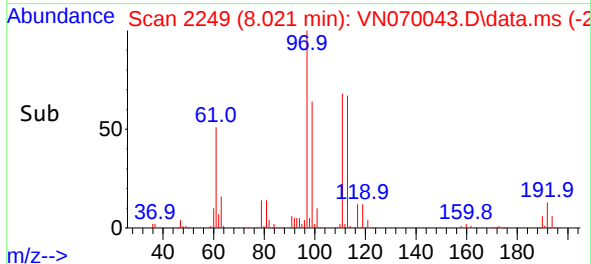
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



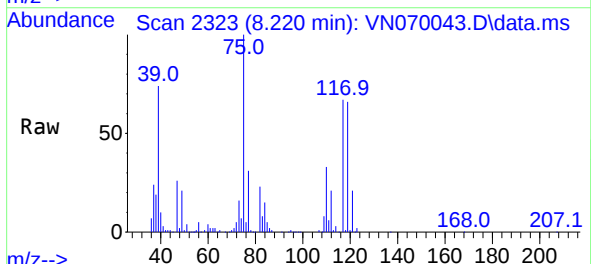
Tgt Ion:113 Resp: 501249
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 18.7 16.9 25.3

Manual Integrations
APPROVED

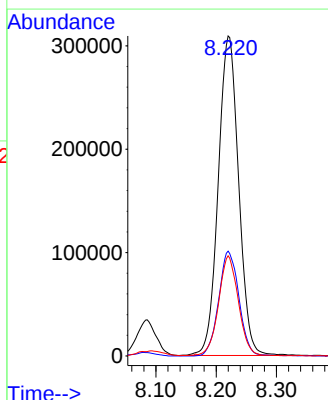
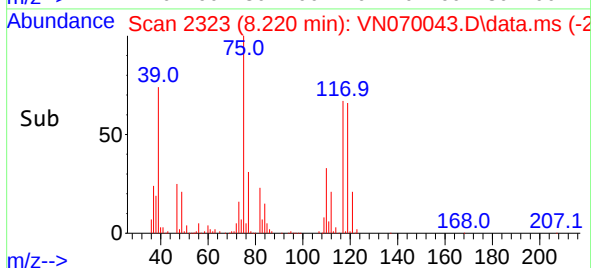
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

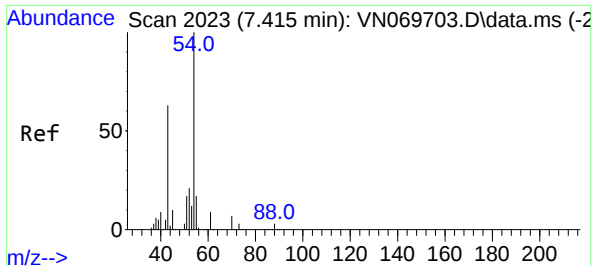


#36
1,1-Dichloropropene
Concen: 50.369 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



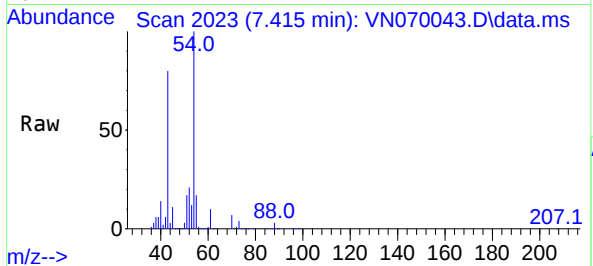
Tgt Ion: 75 Resp: 726393
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 30.2 24.4 36.6





#37
Ethyl Acetate
Concen: 47.476 ug/l
RT: 7.415 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

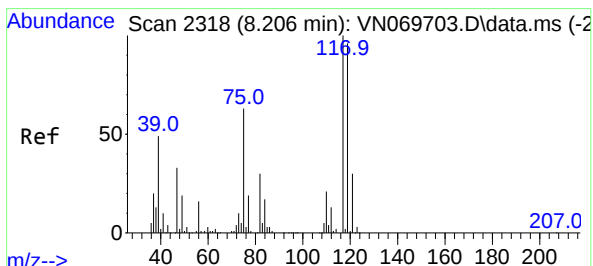
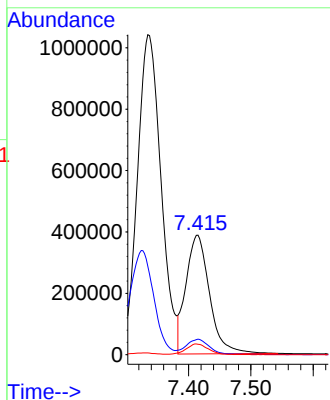
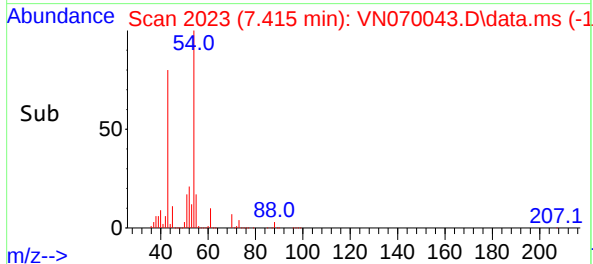
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101905
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 8.4 7.9 11.9

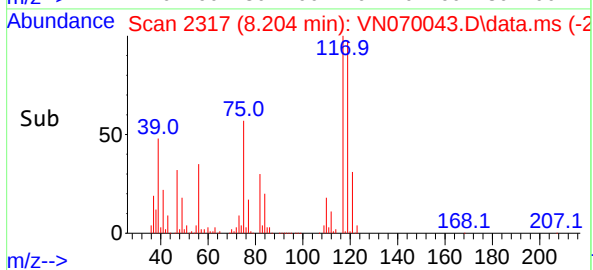
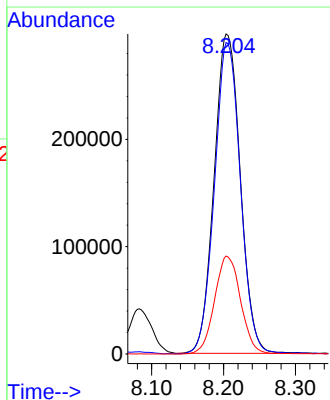
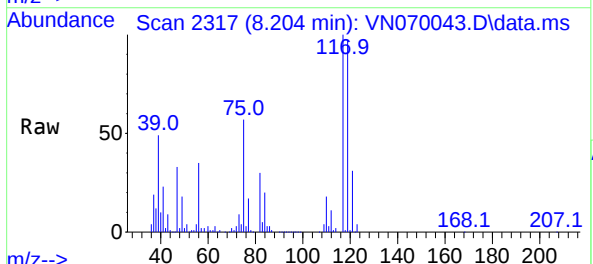
Manual Integrations
APPROVED

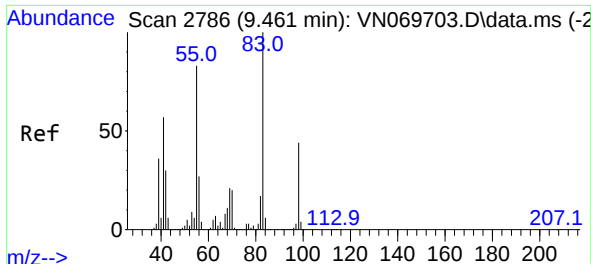
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#38
Carbon Tetrachloride
Concen: 53.116 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

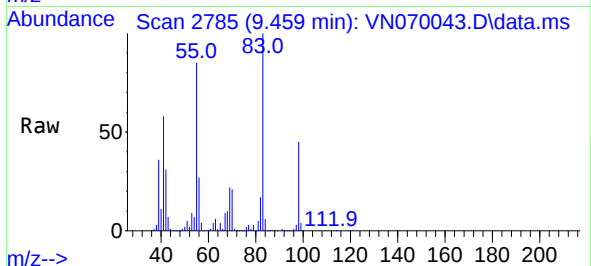
Tgt Ion:117 Resp: 751154
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 48.732 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

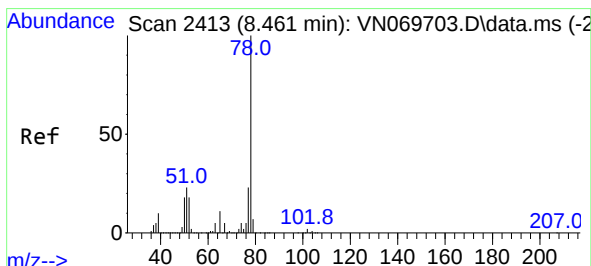
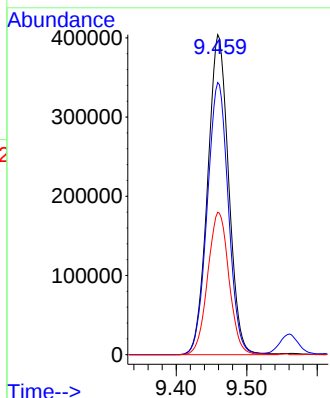
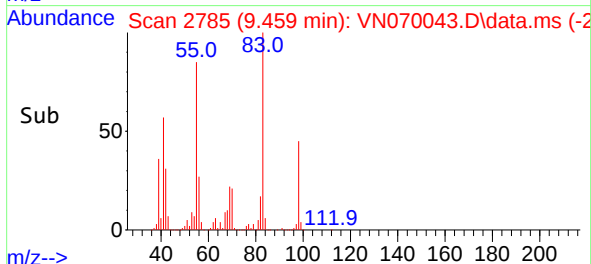
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



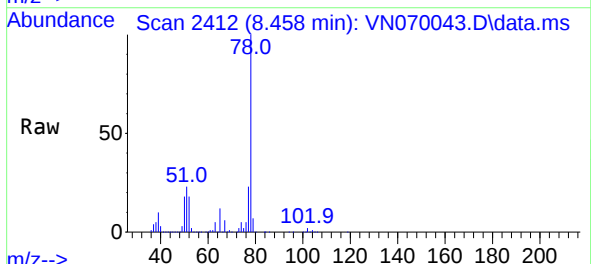
Tgt Ion: 83 Resp: 83594
Ion Ratio Lower Upper
83 100
55 85.0 58.1 87.1
98 44.5 38.4 57.6

Manual Integrations
APPROVED

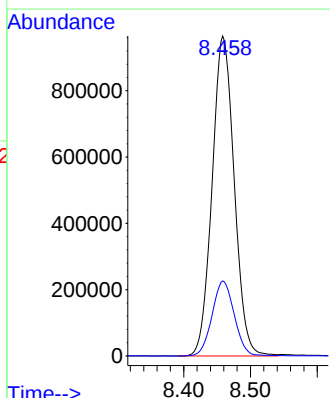
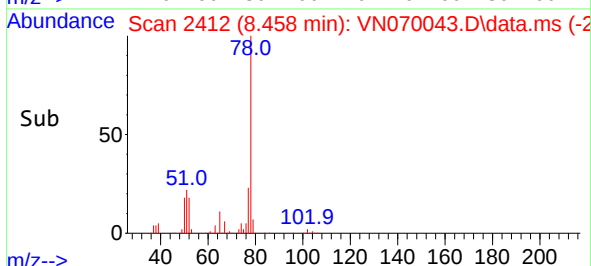
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

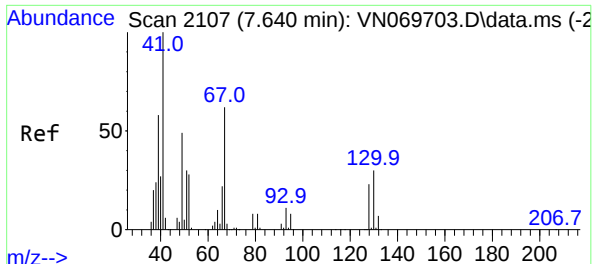


#40
Benzene
Concen: 50.347 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 78 Resp: 2219329
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





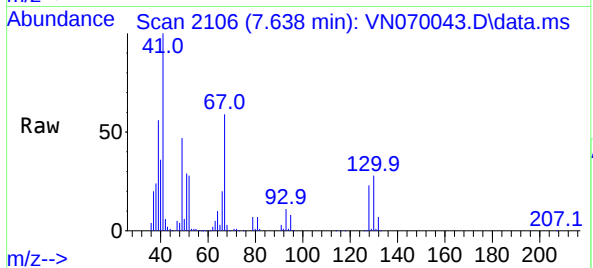
#41
Methacrylonitrile
Concen: 51.784 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

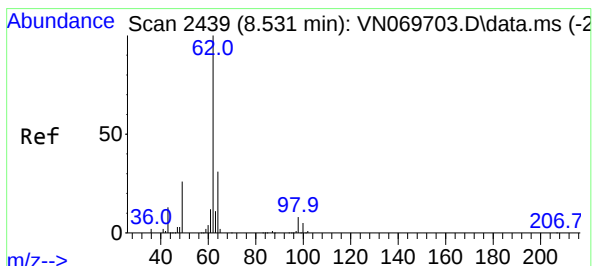
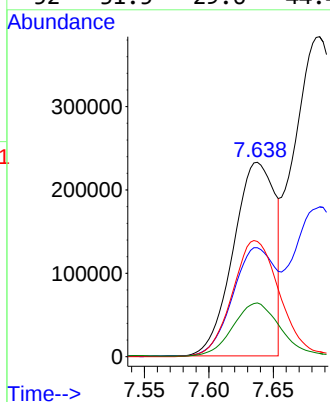
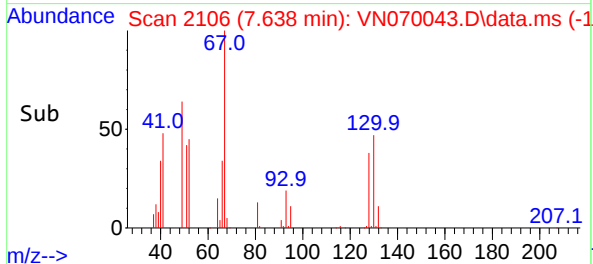


Tgt Ion: 41 Resp: 521770
Ion Ratio Lower Upper
41 100
39 59.3 48.1 72.1
67 69.5 68.3 102.5
52 31.5 29.6 44.4

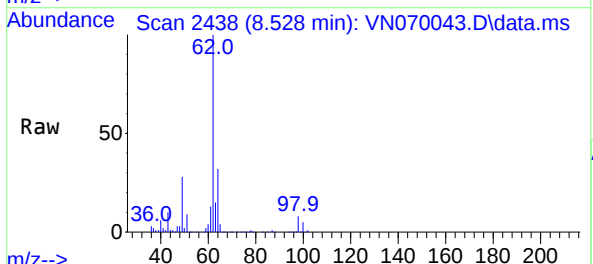
Manual Integrations

APPROVED

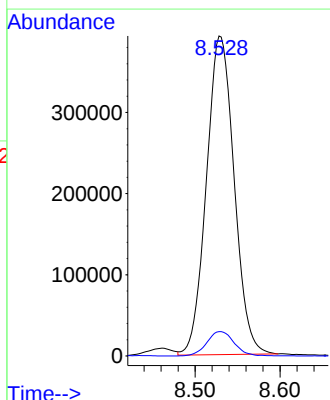
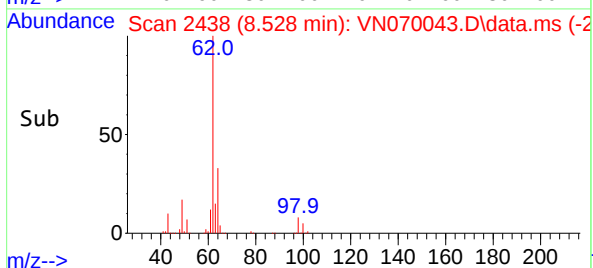
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

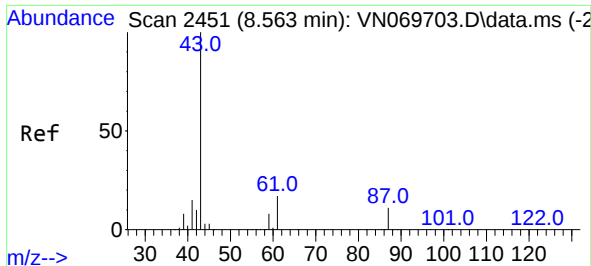


#42
1,2-Dichloroethane
Concen: 50.023 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 62 Resp: 890127
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 50.225 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

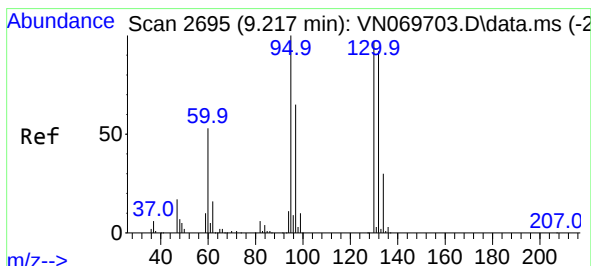
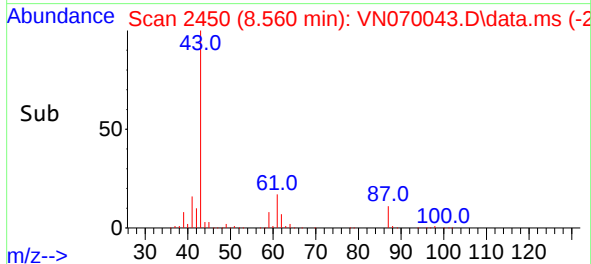
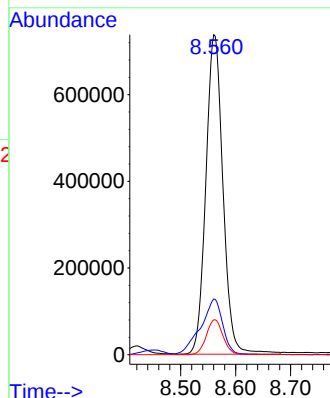
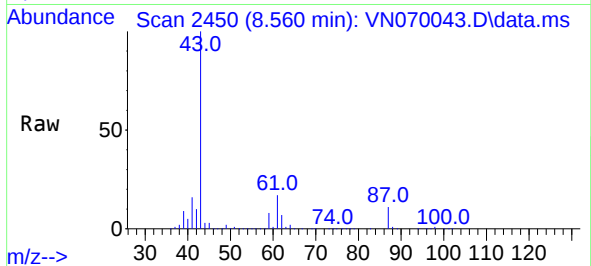
VSTDCCC050

Tgt Ion: 43 Resp: 1595330
Ion Ratio Lower Upper
43 100
61 22.0 20.4 30.6
87 10.7 11.2 16.8

Manual Integrations

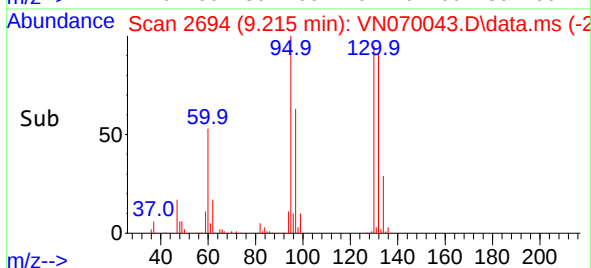
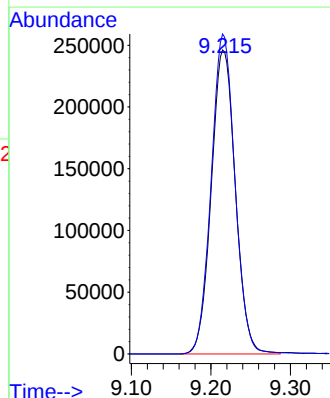
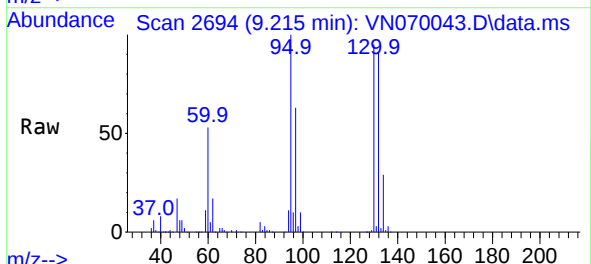
APPROVED

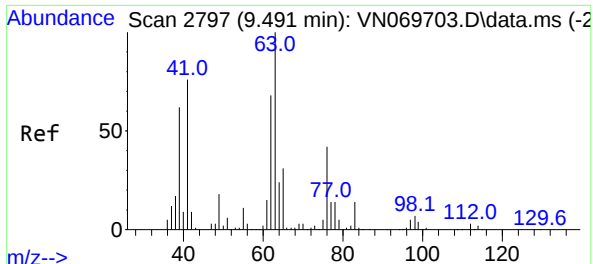
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#44
Trichloroethene
Concen: 49.292 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion:130 Resp: 518608
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 51.654 ug/l

RT: 9.488 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070043.D

Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 61143

Ion Ratio Lower Upper

63 100

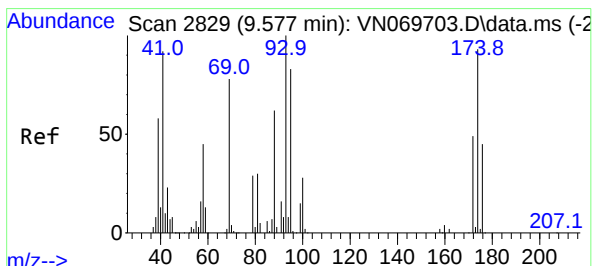
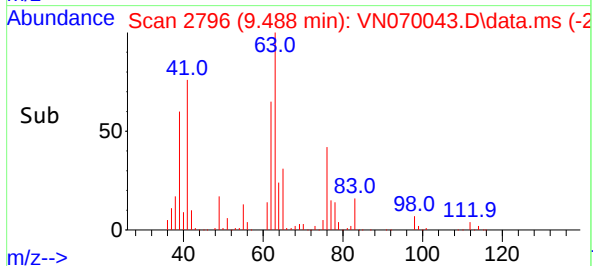
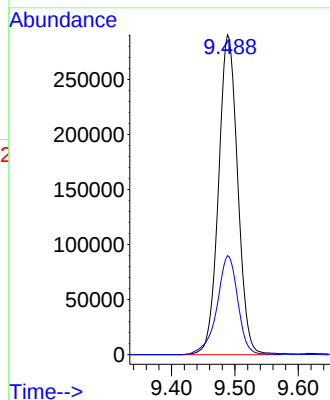
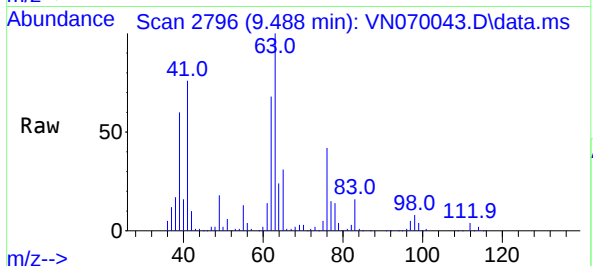
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#46

Dibromomethane

Concen: 51.429 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070043.D

Acq: 13 Dec 2021 20:18

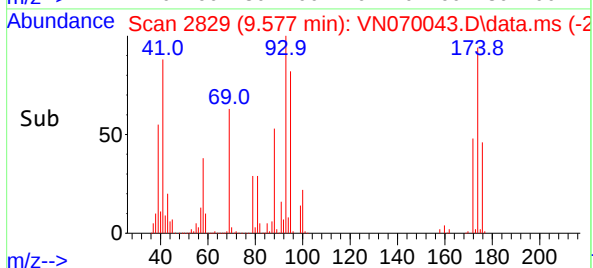
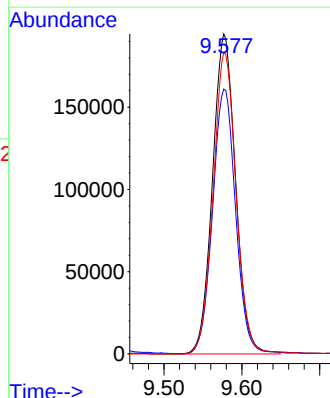
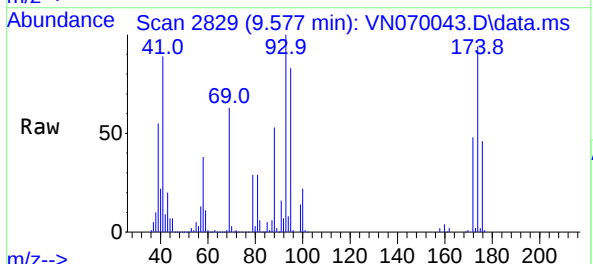
Tgt Ion: 93 Resp: 399251

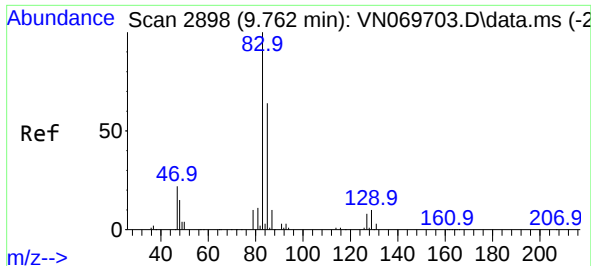
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 94.1 84.6 127.0





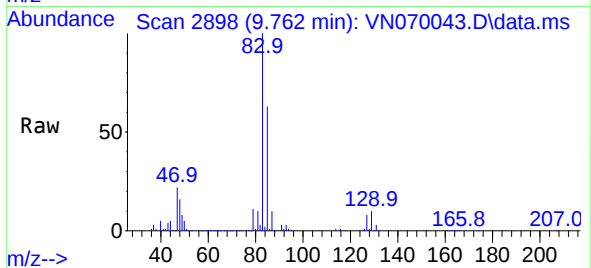
#47
Bromodichloromethane
Concen: 57.411 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

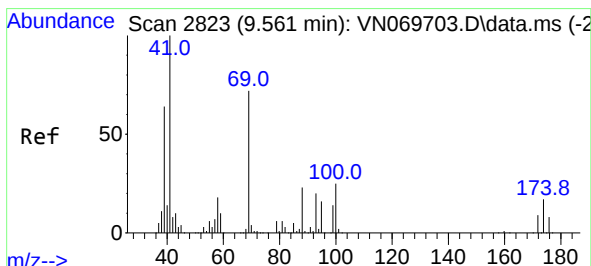
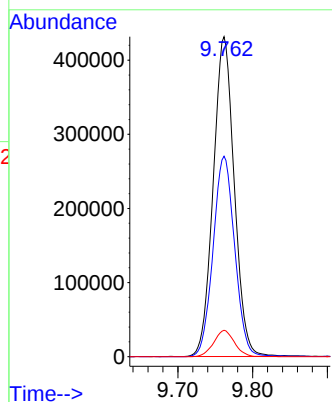
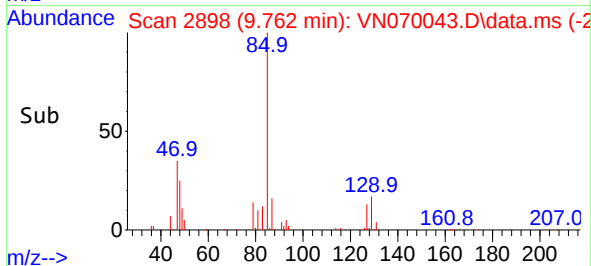


Tgt Ion: 83 Resp: 843862
Ion Ratio Lower Upper
83 100
85 62.7 50.9 76.3
127 8.2 7.1 10.7

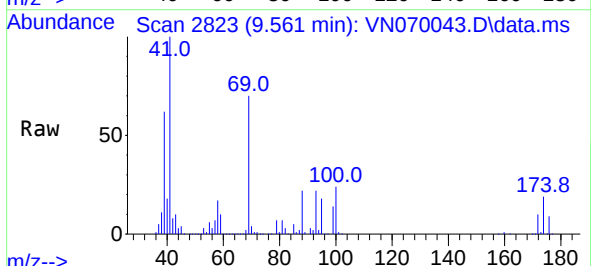
Manual Integrations

APPROVED

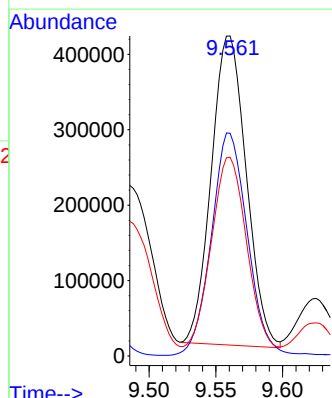
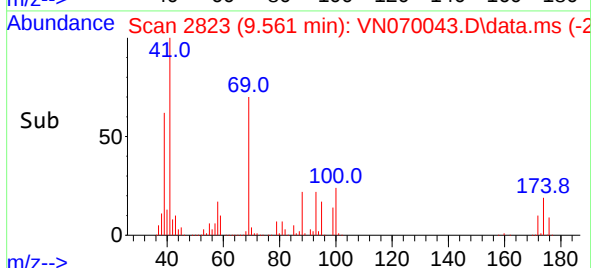
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

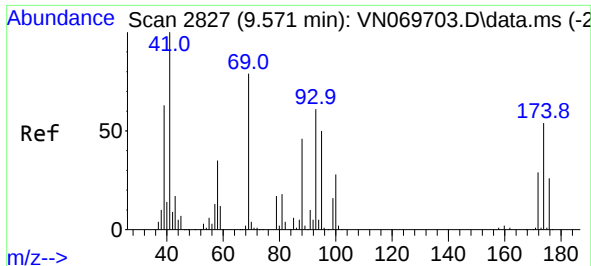


#48
Methyl methacrylate
Concen: 50.455 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 41 Resp: 747911
Ion Ratio Lower Upper
41 100
69 74.1 72.4 108.6
39 66.7 58.4 87.6





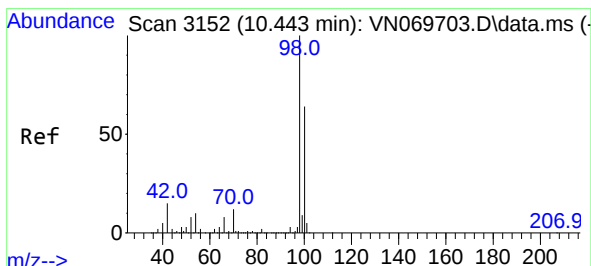
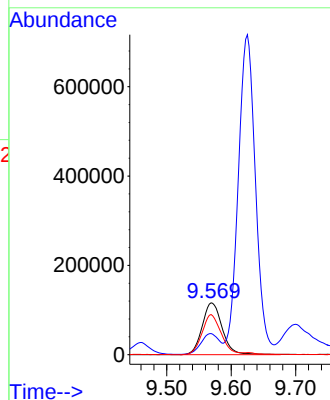
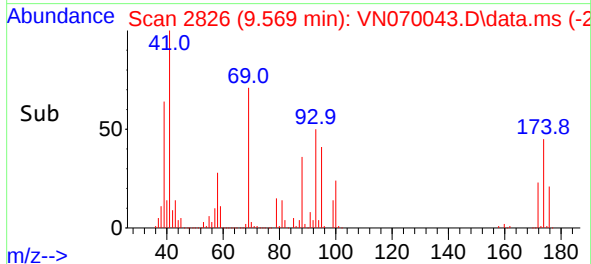
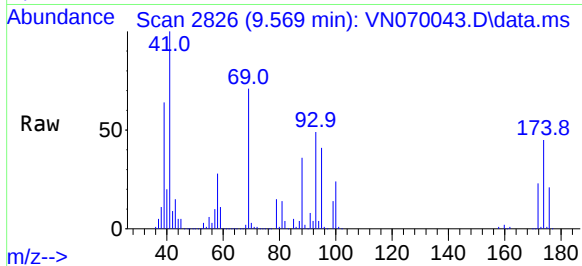
#49
1,4-Dioxane
Concen: 941.752 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 250484
Ion Ratio Lower Upper
88 100
43 36.8 23.4 35.2
58 74.1 50.6 75.8

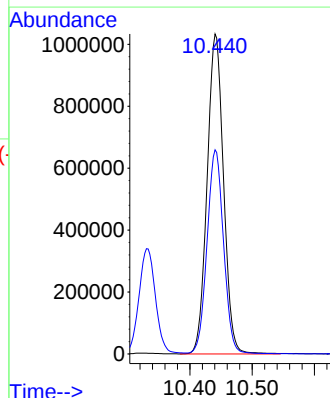
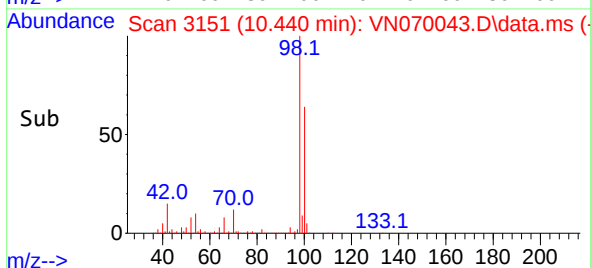
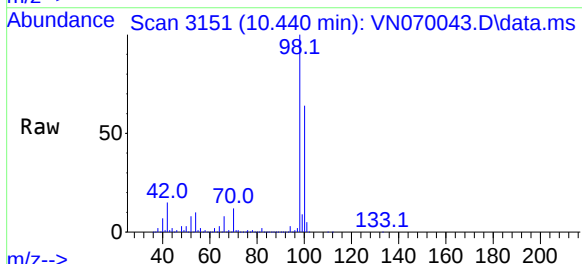
Manual Integrations
APPROVED

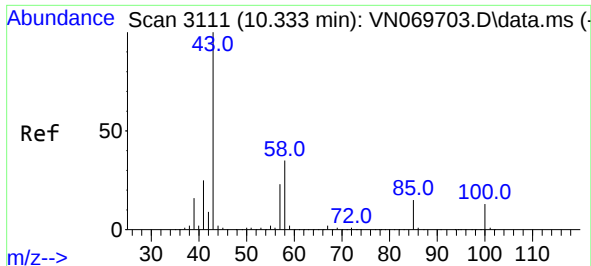
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#50
Toluene-d8
Concen: 49.697 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion: 98 Resp: 1893513
Ion Ratio Lower Upper
98 100
100 63.8 50.4 75.6





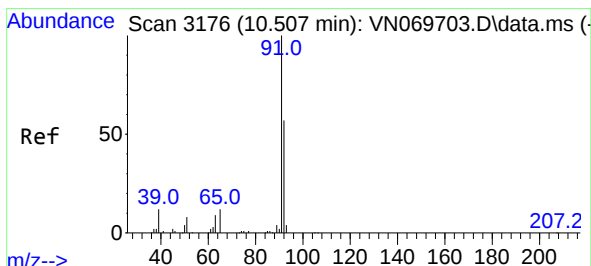
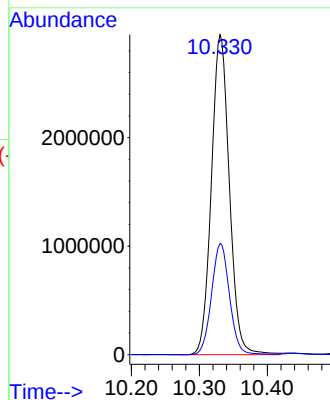
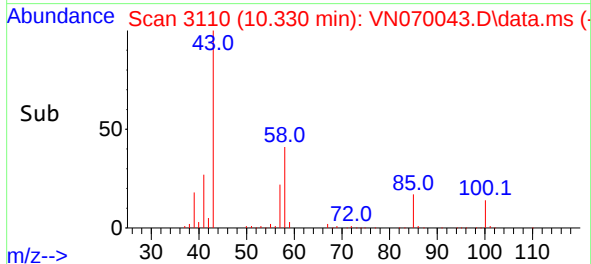
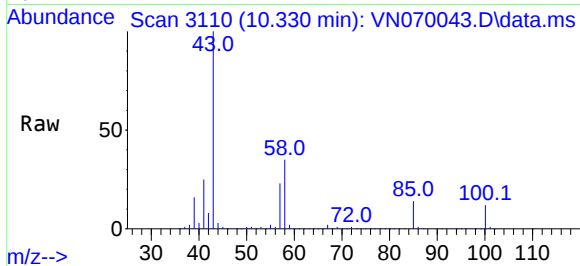
#51
4-Methyl-2-Pentanone
Concen: 262.631 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5411760
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

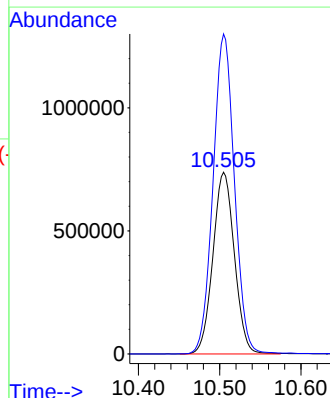
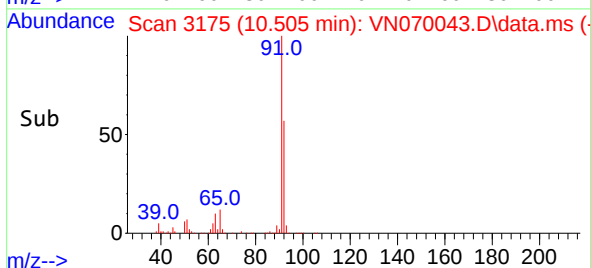
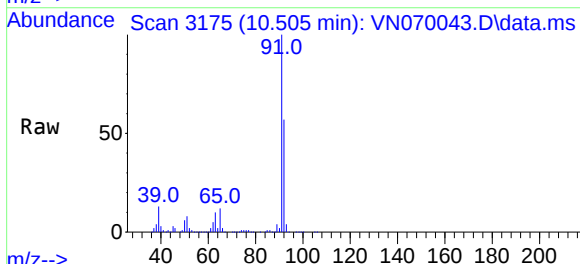
Manual Integrations
APPROVED

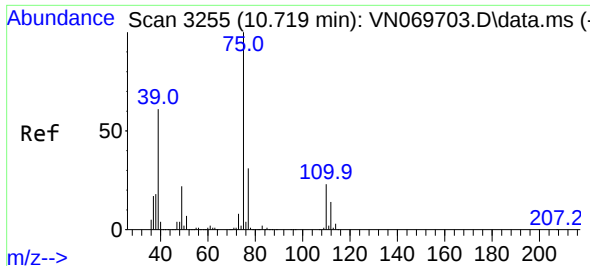
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#52
Toluene
Concen: 50.322 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion: 92 Resp: 1354264
Ion Ratio Lower Upper
92 100
91 175.5 142.0 213.0





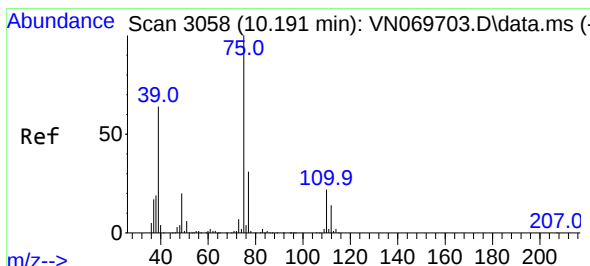
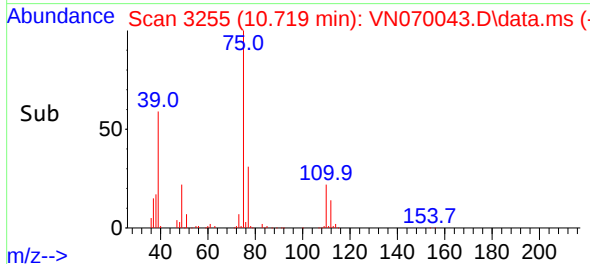
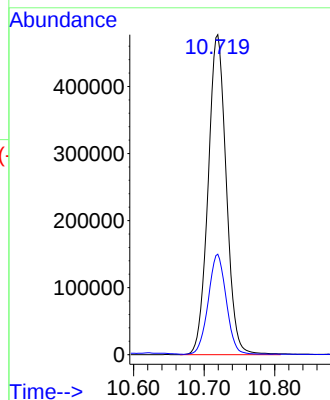
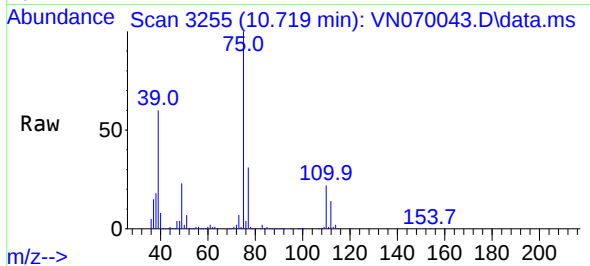
#53
t-1,3-Dichloropropene
Concen: 48.454 ug/l
RT: 10.719 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 855110
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

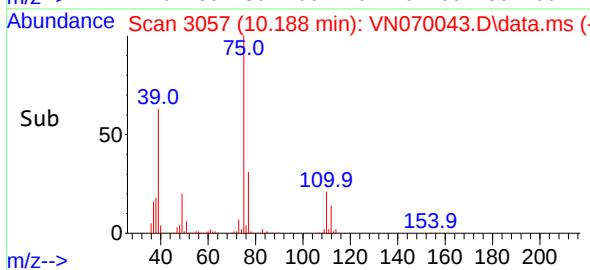
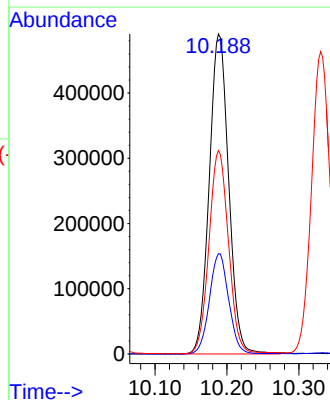
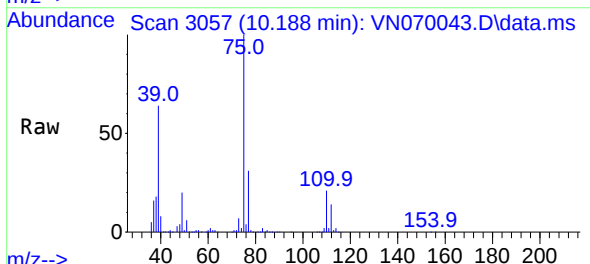
Manual Integrations
APPROVED

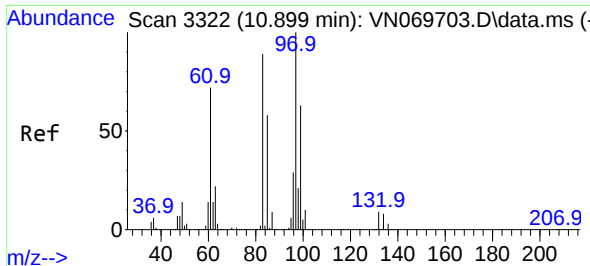
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#54
cis-1,3-Dichloropropene
Concen: 49.613 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

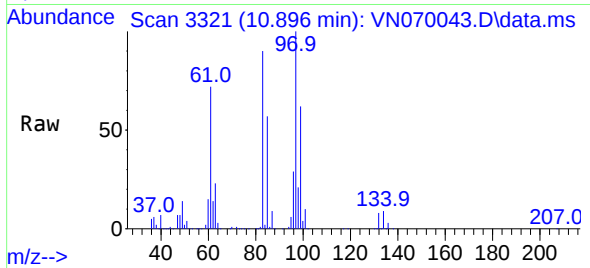
Tgt Ion: 75 Resp: 920341
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 63.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 51.866 ug/l
RT: 10.896 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

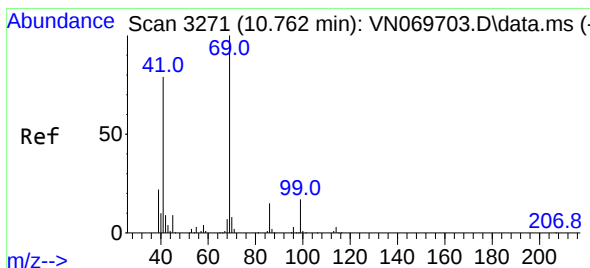
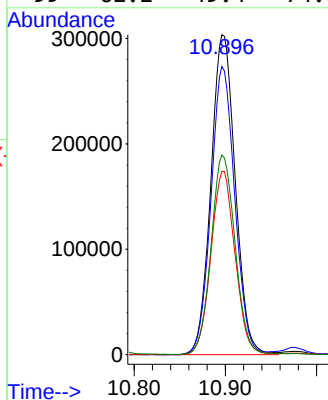
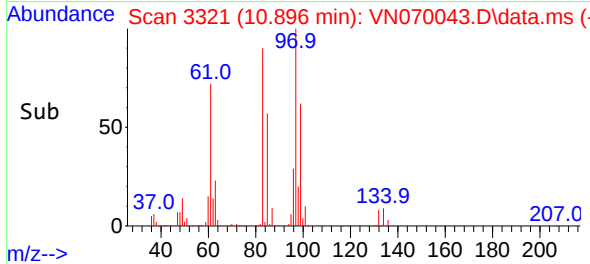
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



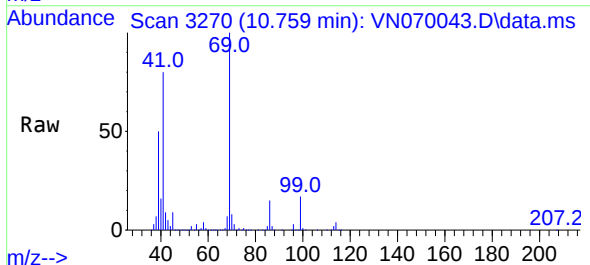
Tgt Ion: 97 Resp: 56318
Ion Ratio Lower Upper
97 100
83 90.1 67.8 101.6
85 57.3 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
APPROVED

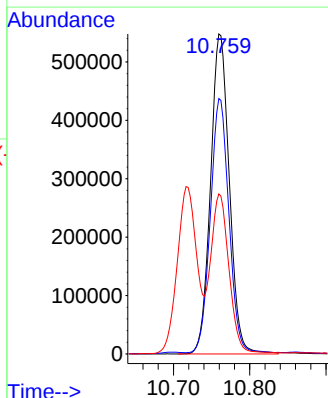
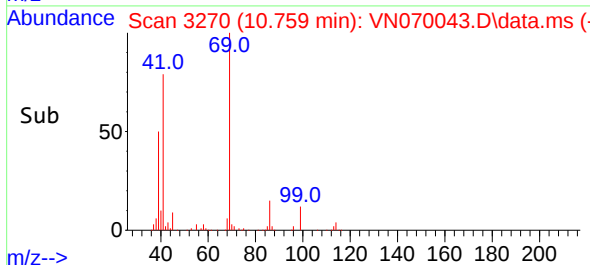
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

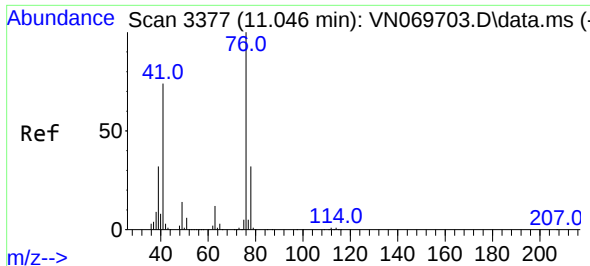


#56
Ethyl methacrylate
Concen: 45.881 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion: 69 Resp: 935993
Ion Ratio Lower Upper
69 100
41 78.3 51.4 77.0#
39 48.1 34.6 52.0





#57

1,3-Dichloropropane

Concen: 51.313 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070043.D

Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 98108

Ion Ratio Lower Upper

76 100

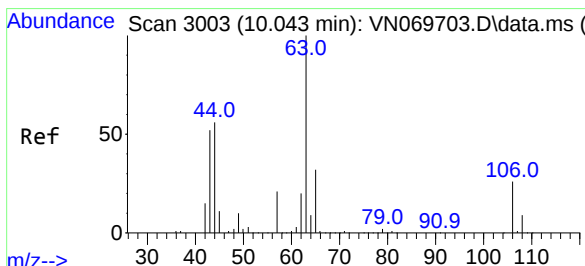
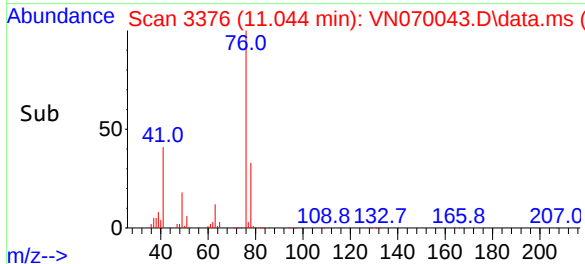
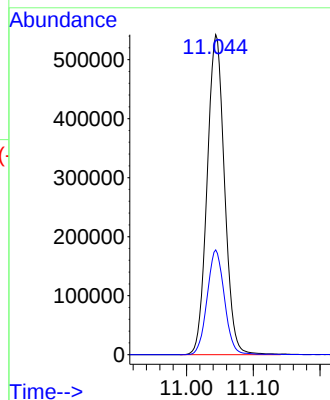
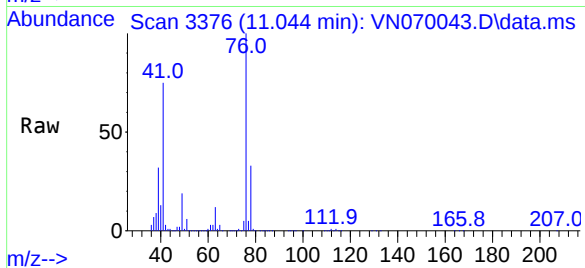
78 32.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/14/2021

Supervised By :Amit Patel 12/15/2021



#58

2-Chloroethyl Vinyl ether

Concen: 243.197 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070043.D

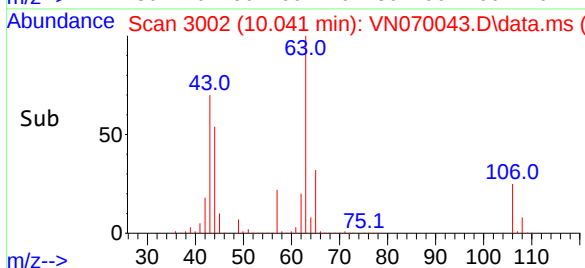
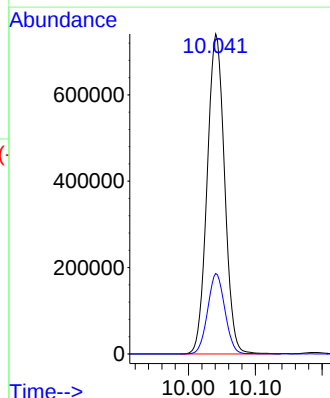
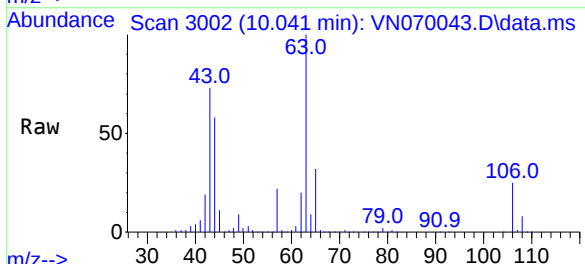
Acq: 13 Dec 2021 20:18

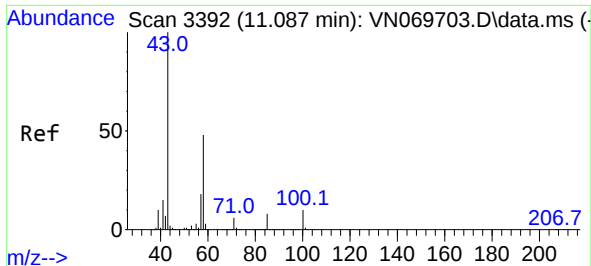
Tgt Ion: 63 Resp: 1342560

Ion Ratio Lower Upper

63 100

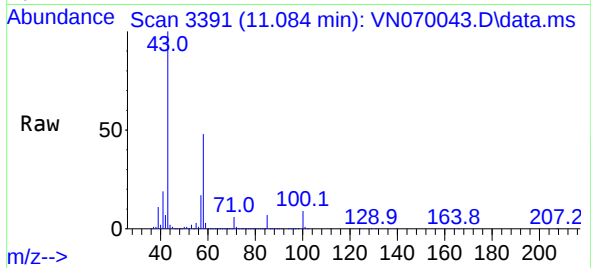
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 252.517 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

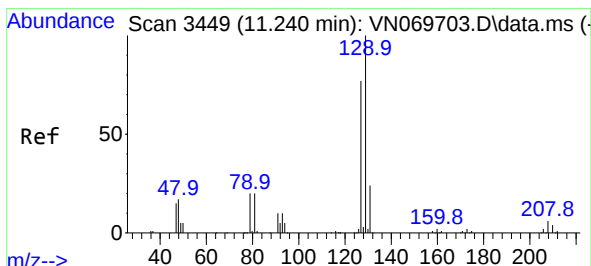
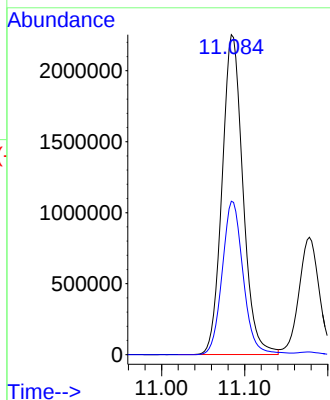
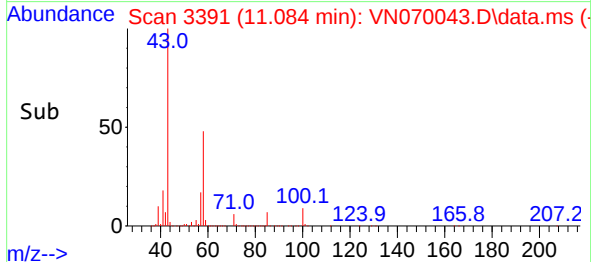
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 393617
Ion Ratio Lower Upper
43 100
58 48.3 26.9 80.7

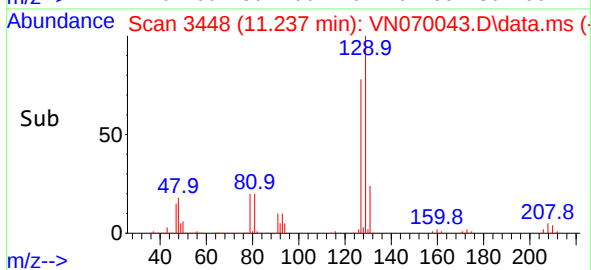
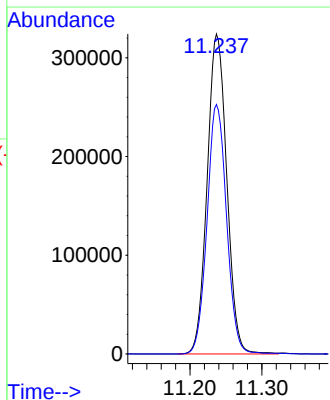
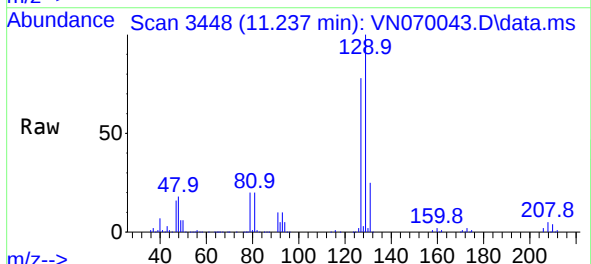
Manual Integrations
APPROVED

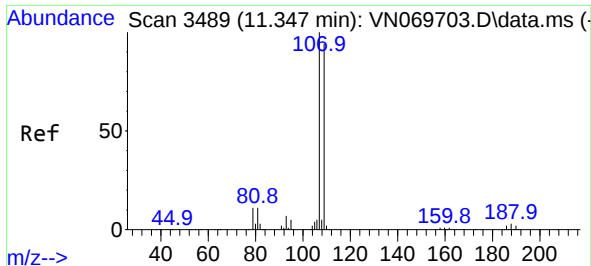
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#60
Dibromochloromethane
Concen: 52.696 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion:129 Resp: 614650
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.273 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

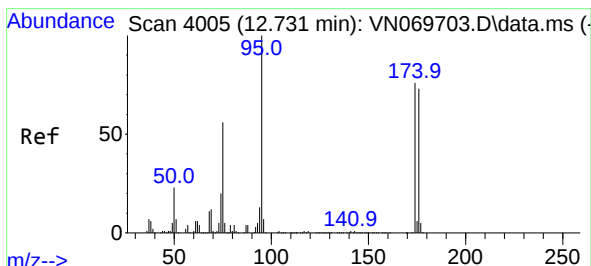
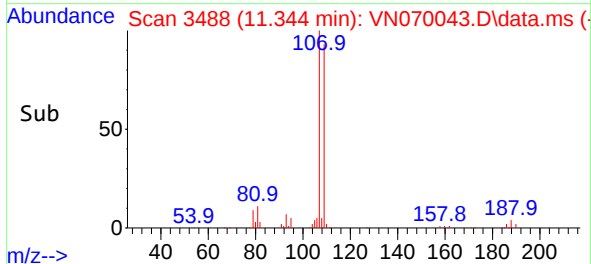
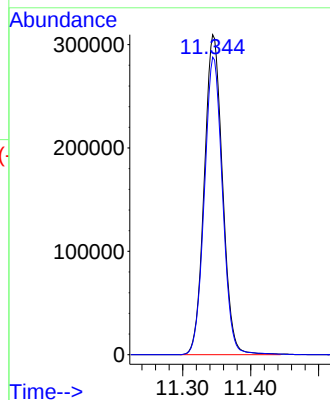
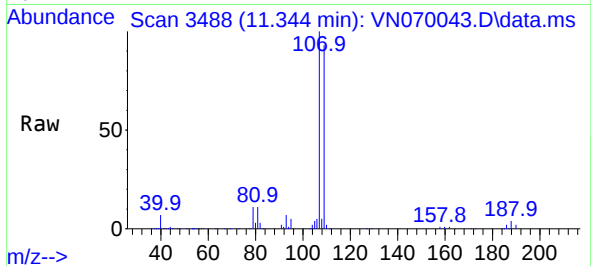
VSTDCCC050

Tgt Ion:107 Resp: 57665
Ion Ratio Lower Upper
107 100
109 92.7 75.7 113.5

Manual Integrations

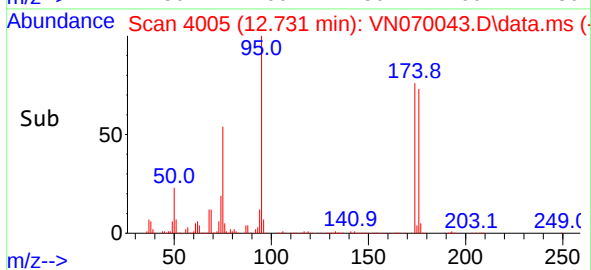
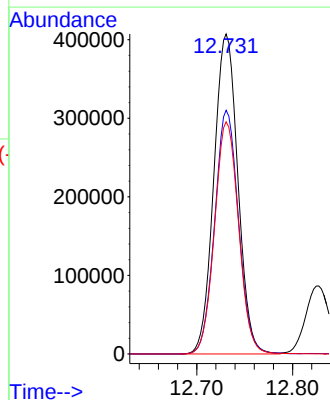
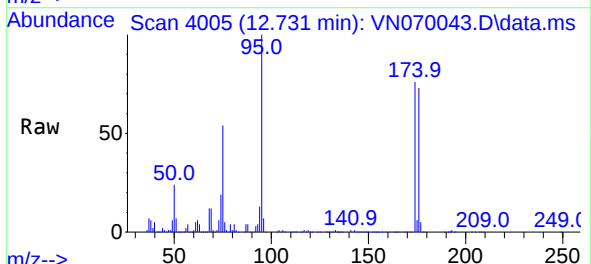
APPROVED

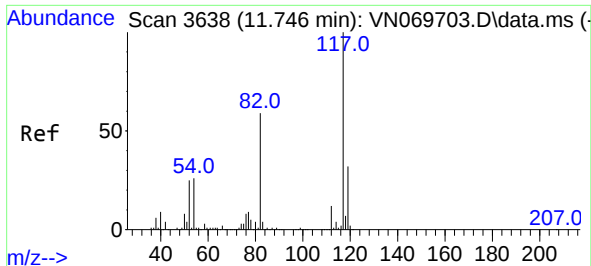
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#62
4-Bromofluorobenzene
Concen: 51.291 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

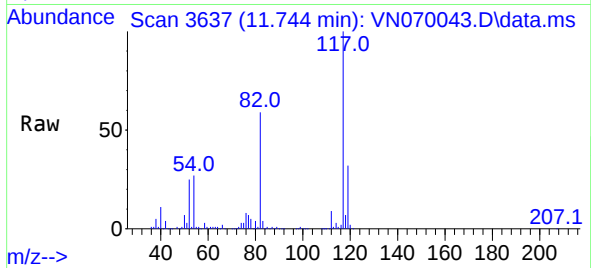
Tgt Ion: 95 Resp: 707981
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 72.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

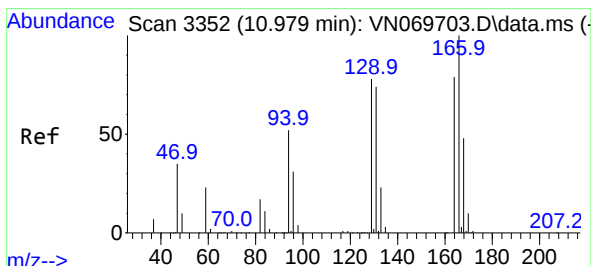
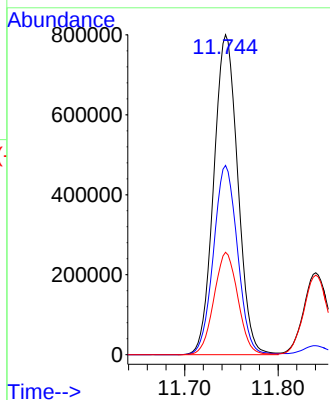
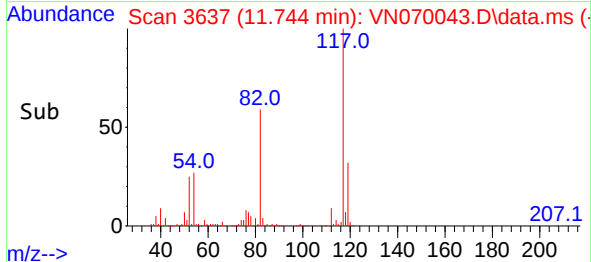
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



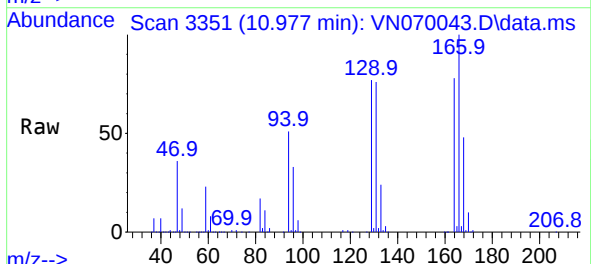
Tgt Ion:117 Resp: 1429404
Ion Ratio Lower Upper
117 100
82 59.1 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

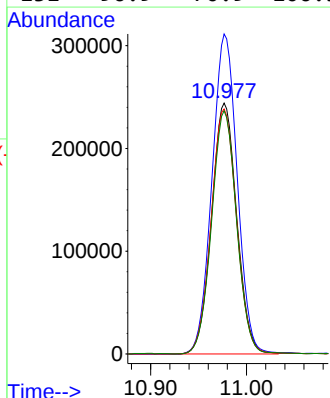
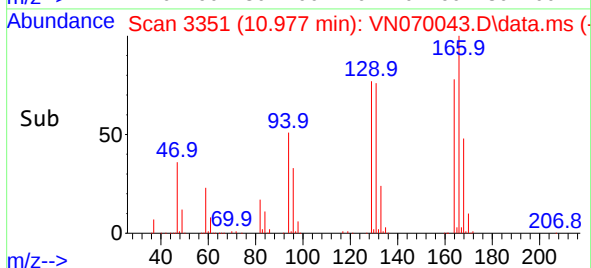
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

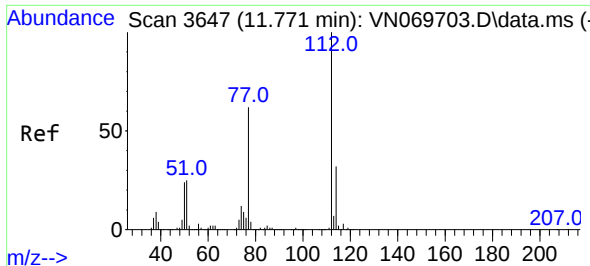


#64
Tetrachloroethene
Concen: 45.998 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



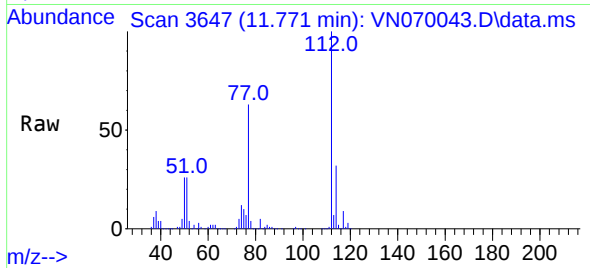
Tgt Ion:164 Resp: 445827
Ion Ratio Lower Upper
164 100
166 127.6 101.9 152.9
129 97.6 72.0 108.0
131 96.9 70.9 106.3





#65
Chlorobenzene
Concen: 49.580 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

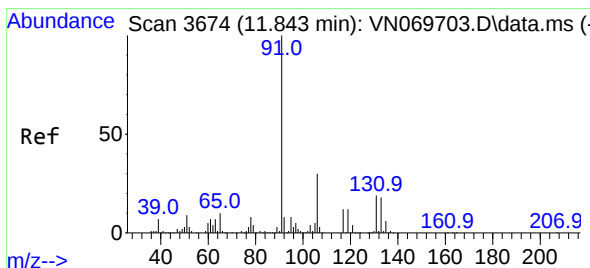
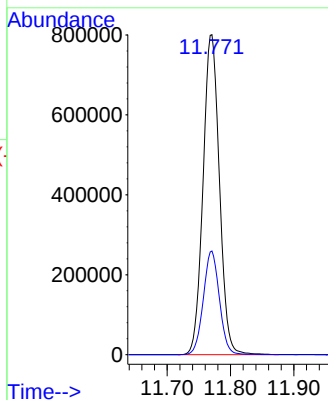
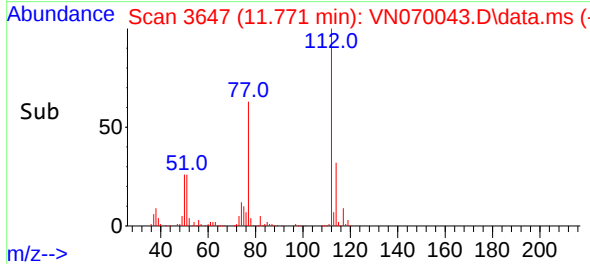
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



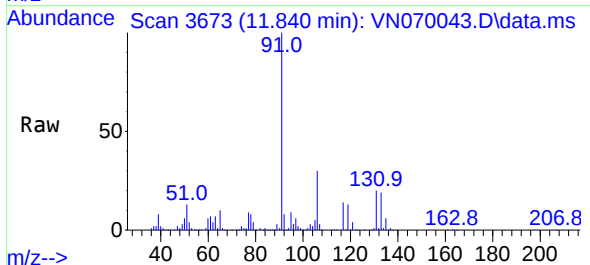
Tgt Ion:112 Resp: 1437740
Ion Ratio Lower Upper
112 100
114 32.4 25.4 38.0

Manual Integrations
APPROVED

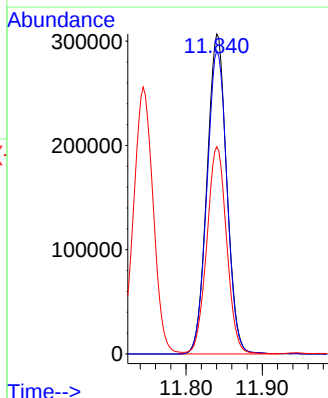
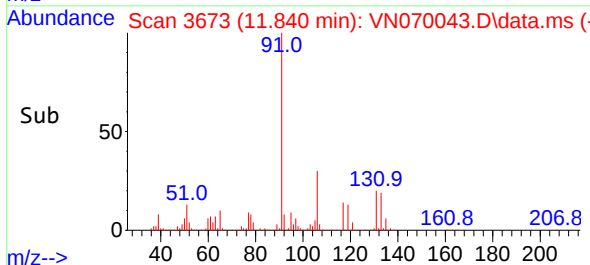
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

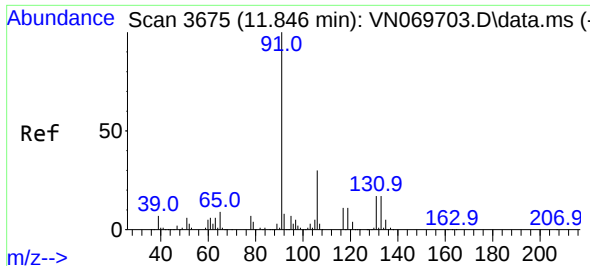


#66
1,1,1,2-Tetrachloroethane
Concen: 53.936 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



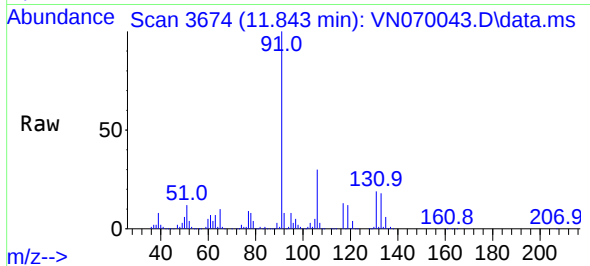
Tgt Ion:131 Resp: 550495
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 64.7 32.1 96.5





#67
Ethyl Benzene
Concen: 51.543 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

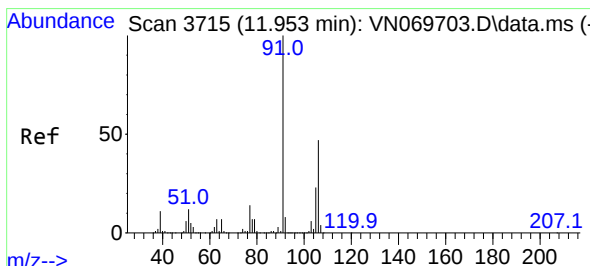
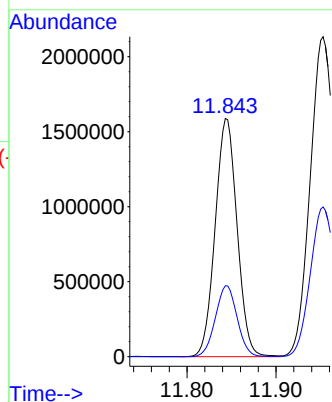
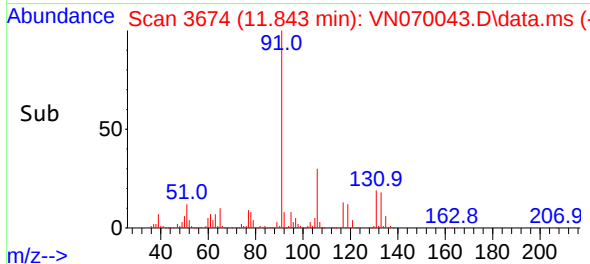
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



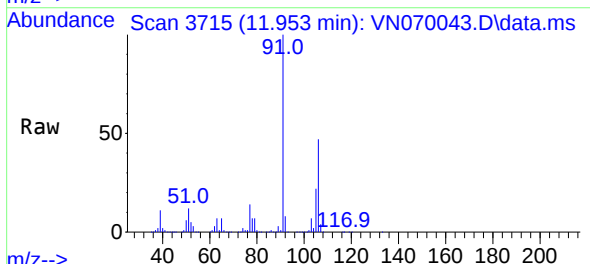
Tgt Ion: 91 Resp: 2714999
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

Manual Integrations
APPROVED

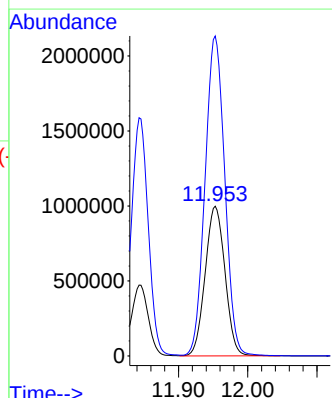
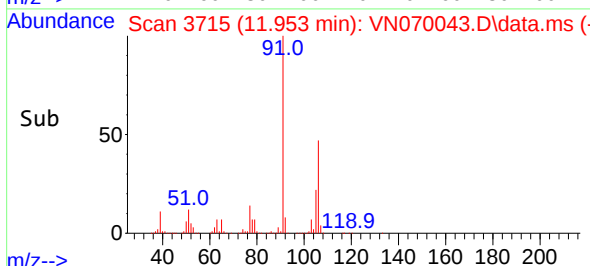
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

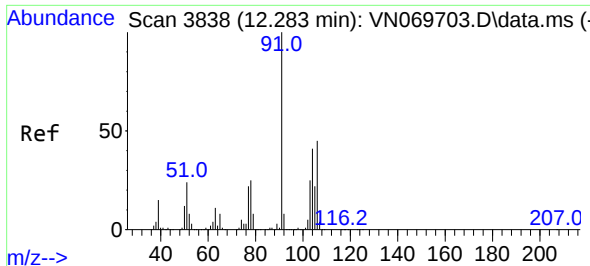


#68
m/p-Xylenes
Concen: 103.353 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion:106 Resp: 1982249
Ion Ratio Lower Upper
106 100
91 212.9 160.6 240.8





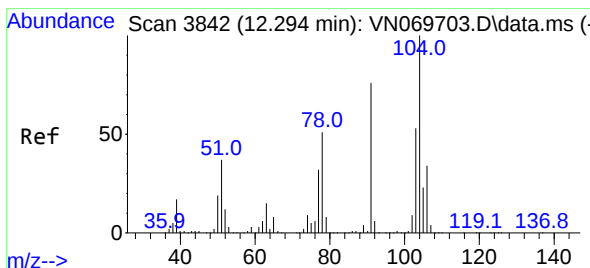
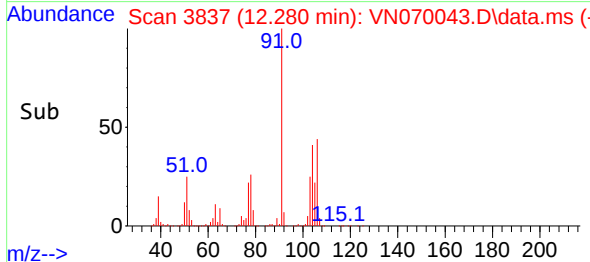
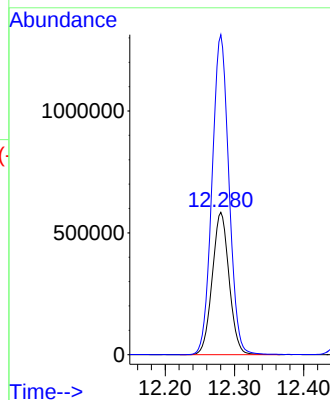
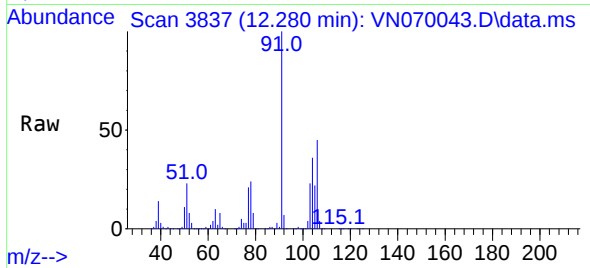
#69
o-Xylene
Concen: 51.088 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 986960
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

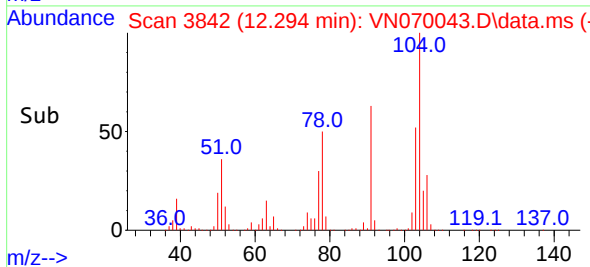
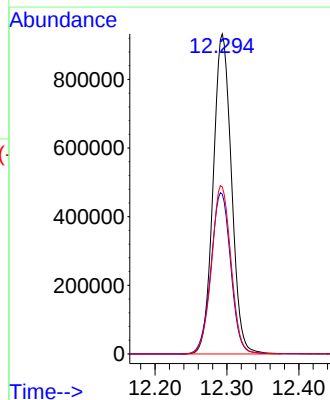
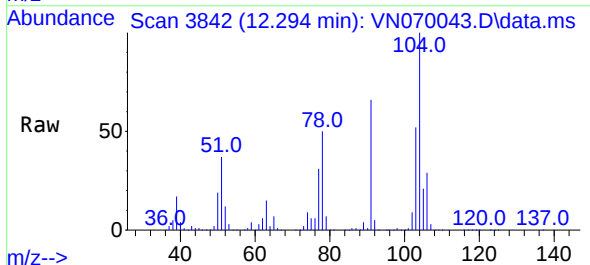
Manual Integrations
APPROVED

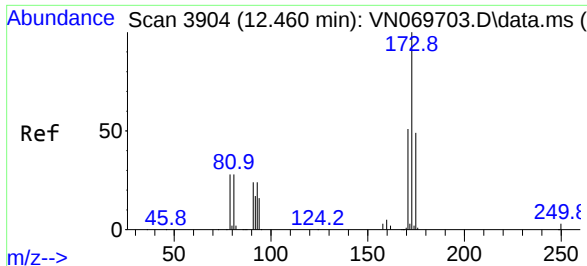
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#70
Styrene
Concen: 53.754 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion:104 Resp: 1646697
Ion Ratio Lower Upper
104 100
78 54.6 38.7 58.1
103 55.9 45.0 67.6





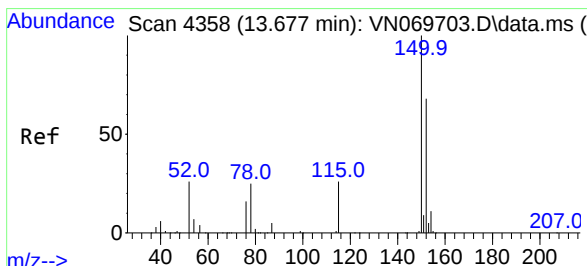
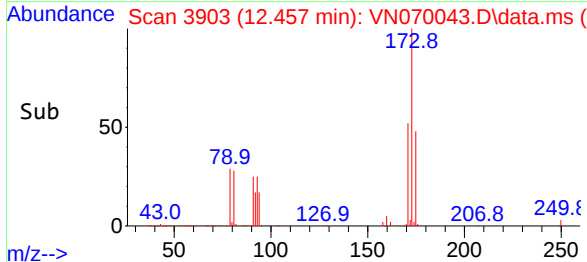
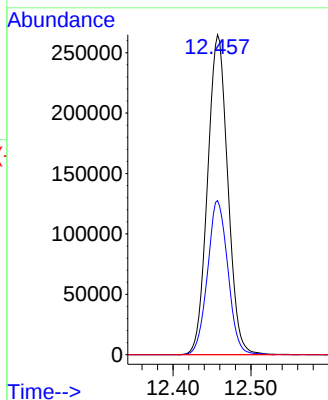
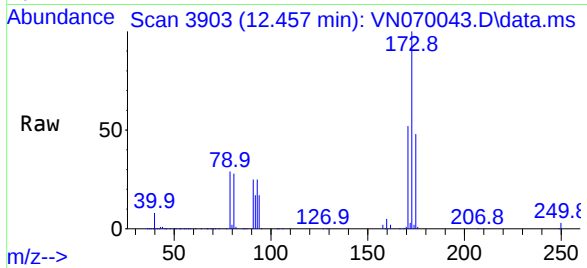
#71
Bromoform
Concen: 54.466 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:173 Resp: 477720
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.0 0.0 0.0

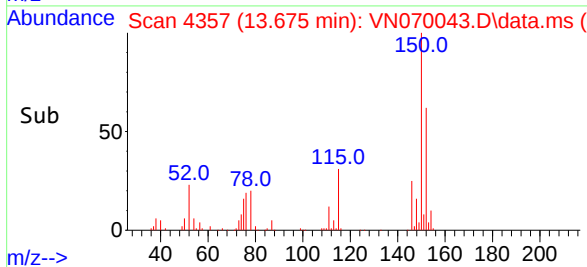
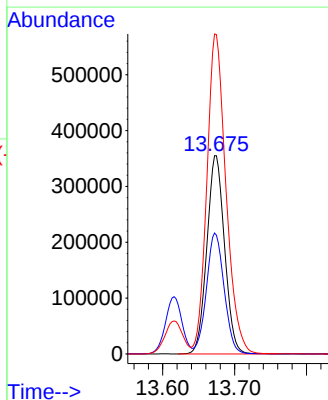
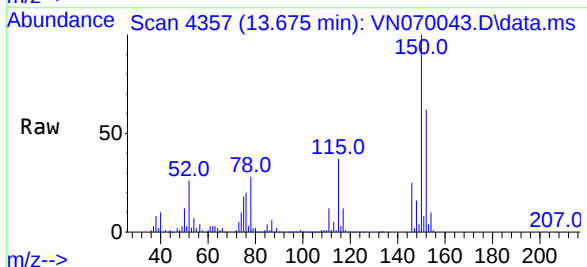
Manual Integrations
APPROVED

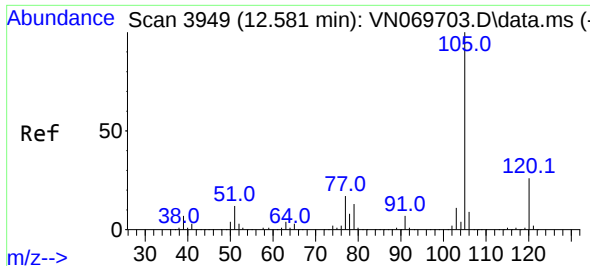
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion:152 Resp: 608470
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 174.0 0.0 344.4





#73
Isopropylbenzene
Concen: 48.283 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :

MSVOA_N

ClientSampleId :

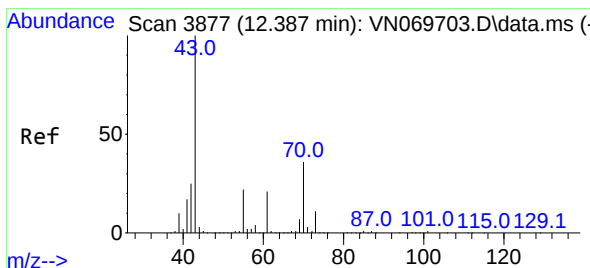
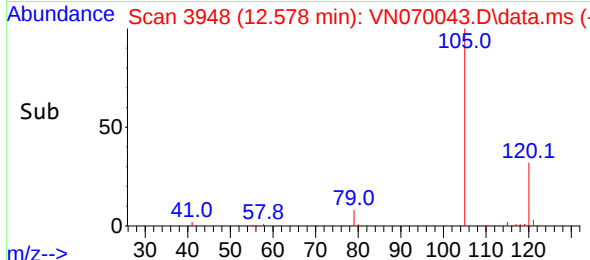
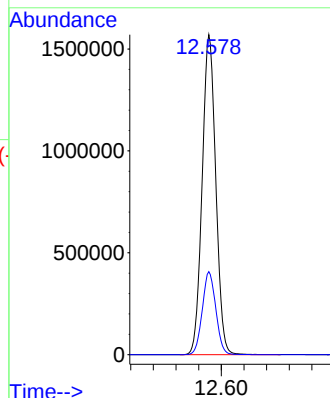
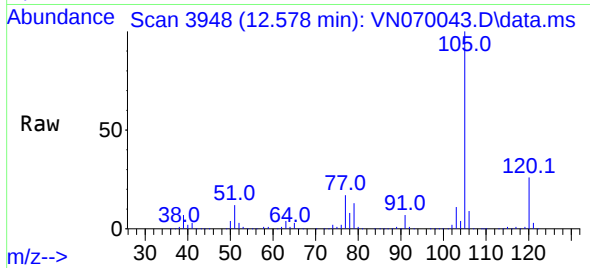
VSTDCCC050

Tgt Ion:105 Resp: 2613890
Ion Ratio Lower Upper
105 100
120 25.8 13.4 40.1

Manual Integrations

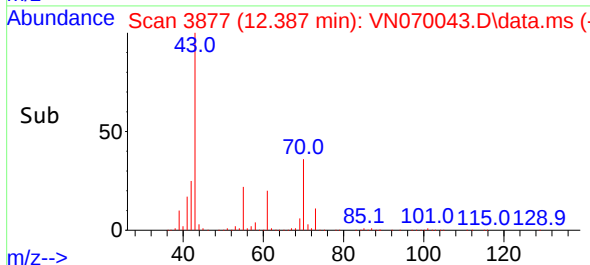
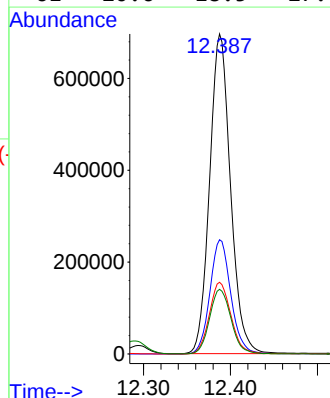
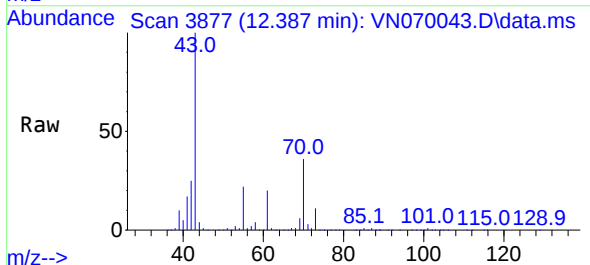
APPROVED

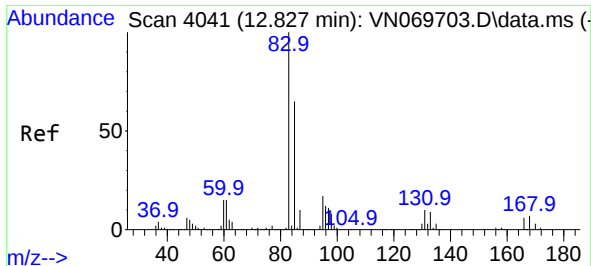
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#74
N-ethyl acetate
Concen: 48.527 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. -0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

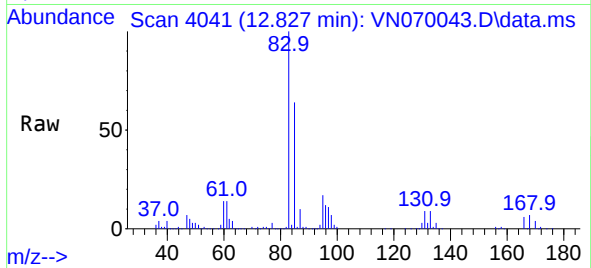
Tgt Ion: 43 Resp: 1161809
Ion Ratio Lower Upper
43 100
70 35.9 33.4 50.0
55 23.3 19.3 28.9
61 20.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 48.802 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

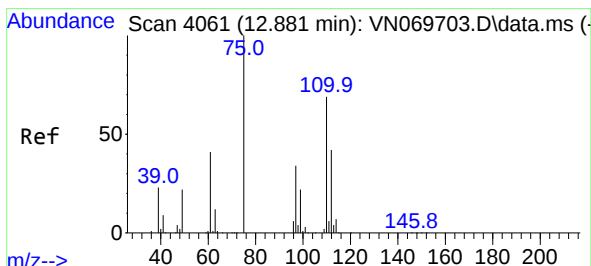
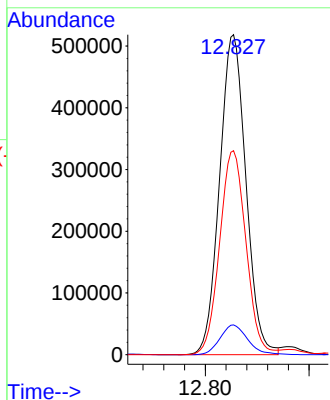
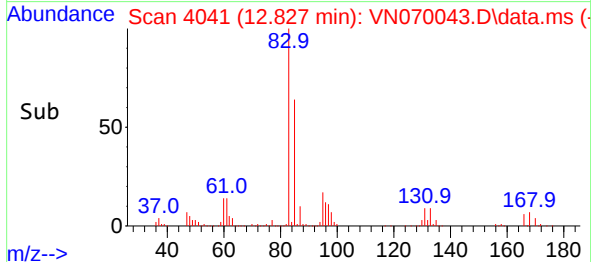
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



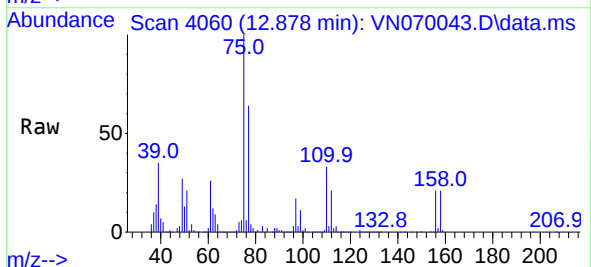
Tgt Ion: 83 Resp: 913610
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.8 32.4 97.2

Manual Integrations
APPROVED

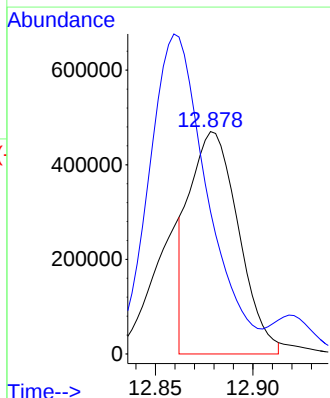
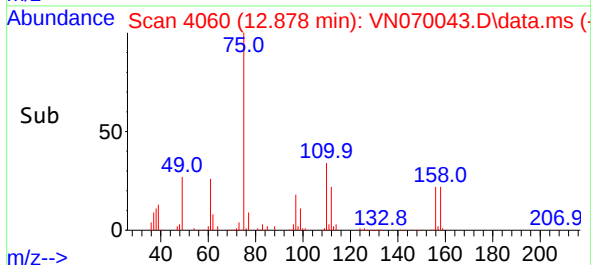
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

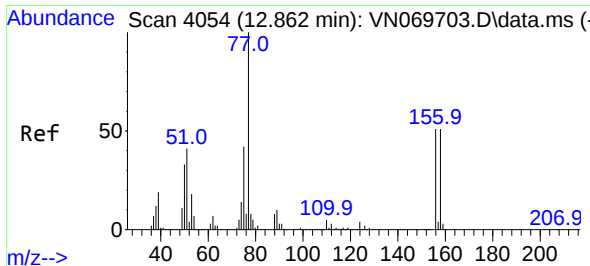


#76
1,2,3-Trichloropropane
Concen: 46.852 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



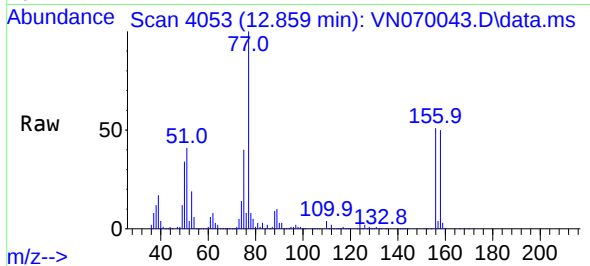
Tgt Ion: 75 Resp: 817540
Ion Ratio Lower Upper
75 100
77 172.4 82.6 247.8





#77
Bromobenzene
Concen: 47.745 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

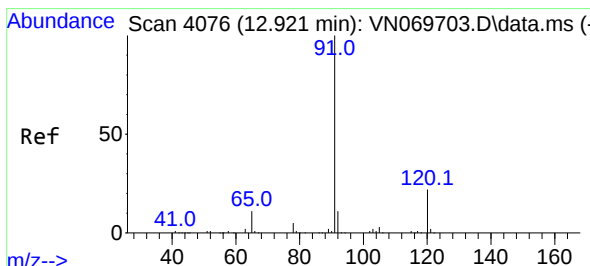
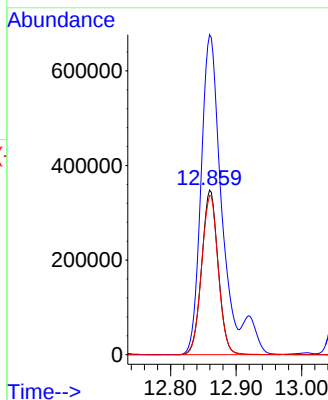
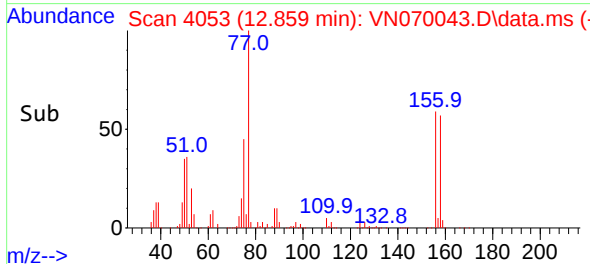
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 607120
Ion Ratio Lower Upper
156 100
77 232.1 90.6 271.8
158 97.6 48.9 146.7

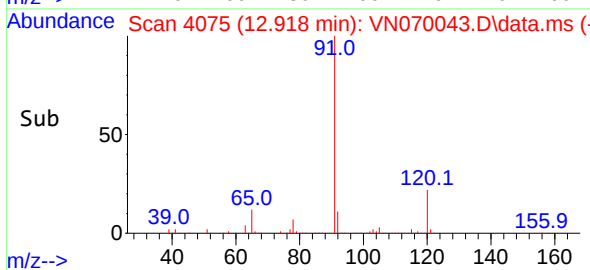
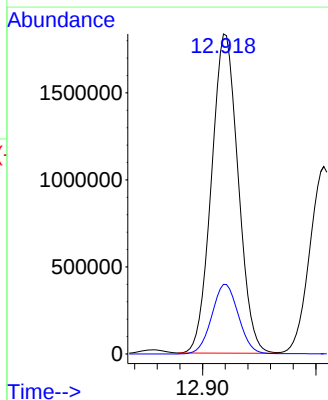
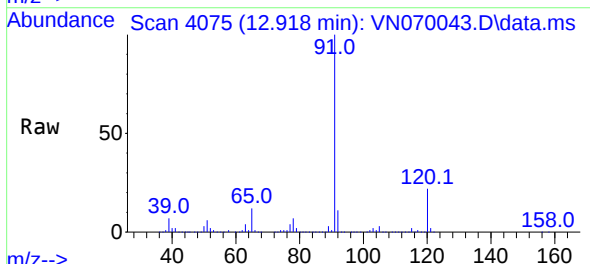
Manual Integrations
APPROVED

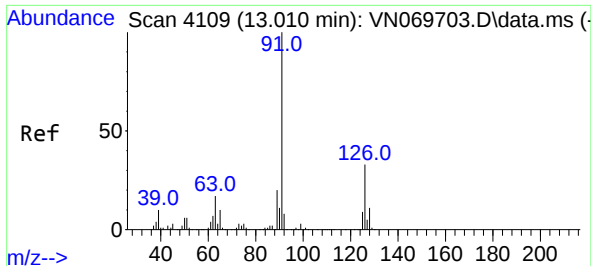
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#78
n-propylbenzene
Concen: 49.796 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Tgt Ion: 91 Resp: 2999819
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





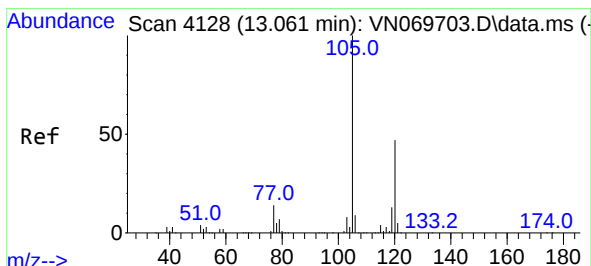
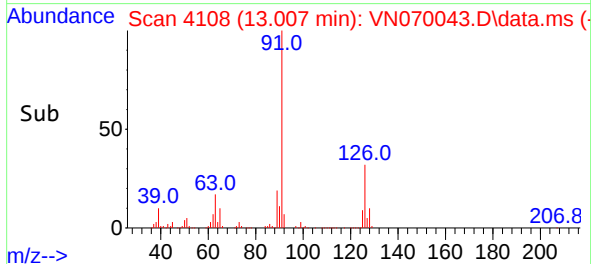
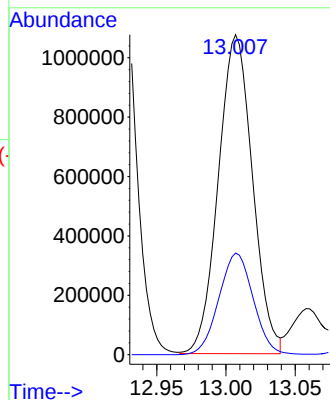
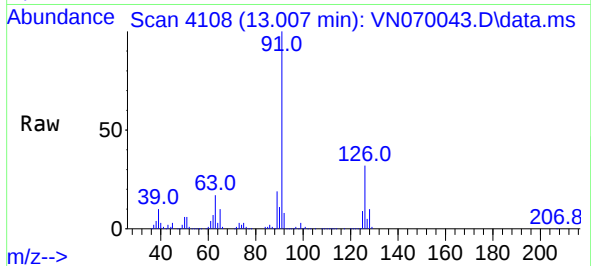
#79
2-Chlorotoluene
Concen: 48.384 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 184174
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

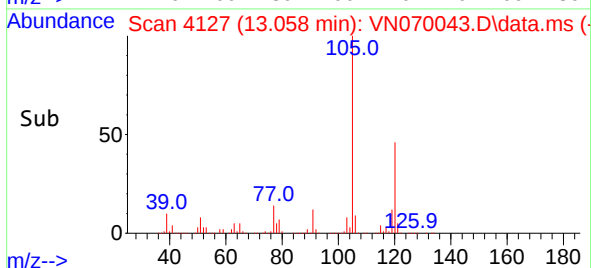
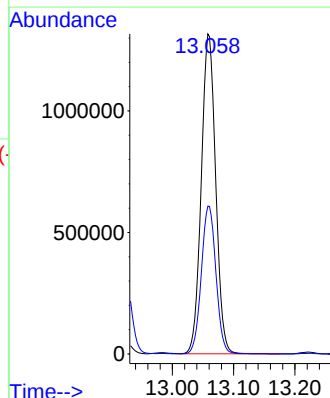
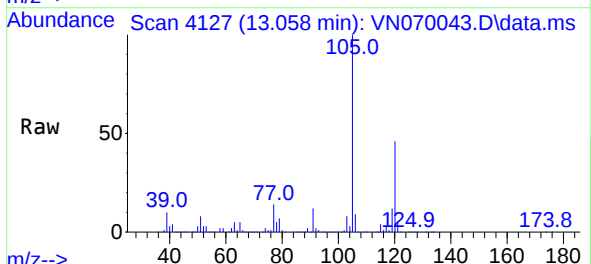
Manual Integrations
APPROVED

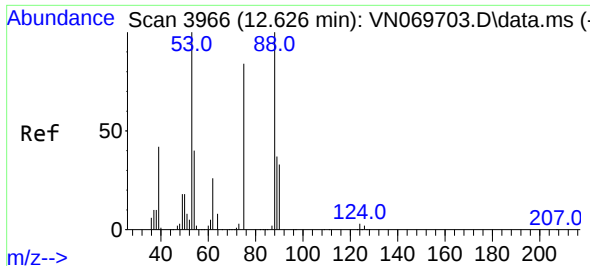
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#80
1,3,5-Trimethylbenzene
Concen: 49.311 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

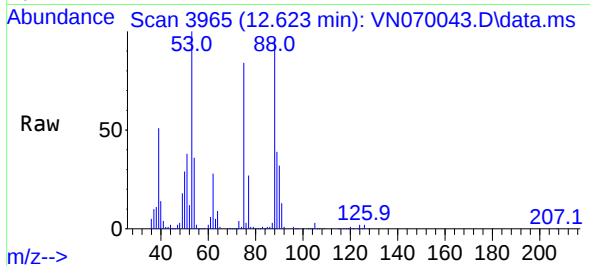
Tgt Ion:105 Resp: 2148668
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.723 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

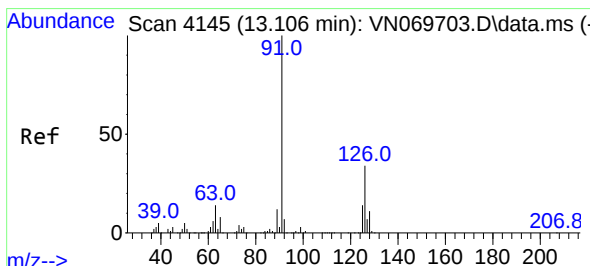
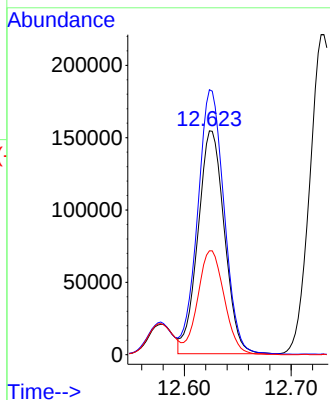
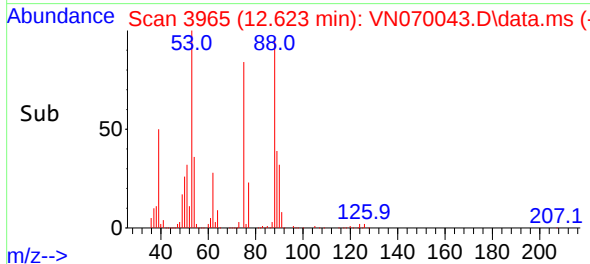
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



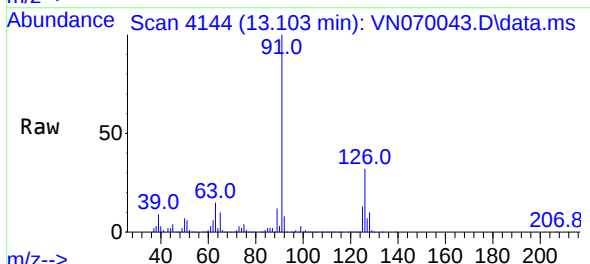
Tgt Ion: 75 Resp: 26497
Ion Ratio Lower Upper
75 100
53 119.4 90.5 135.7
89 47.1 38.2 57.4

Manual Integrations
APPROVED

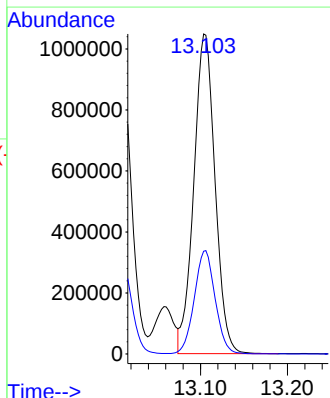
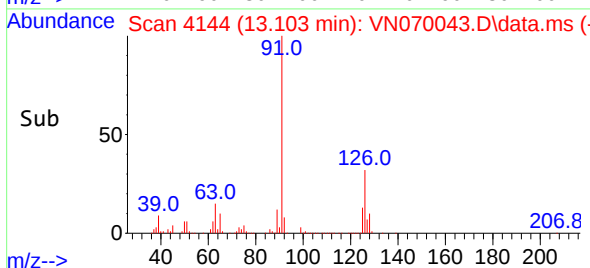
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

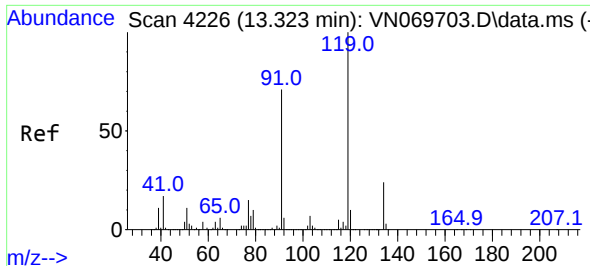


#82
4-Chlorotoluene
Concen: 49.601 ug/l
RT: 13.103 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



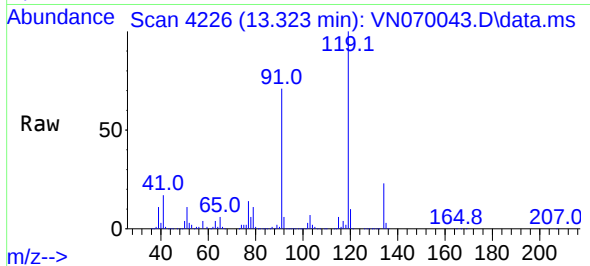
Tgt Ion: 91 Resp: 1775614
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.525 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

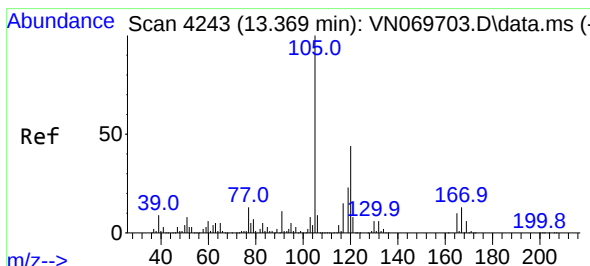
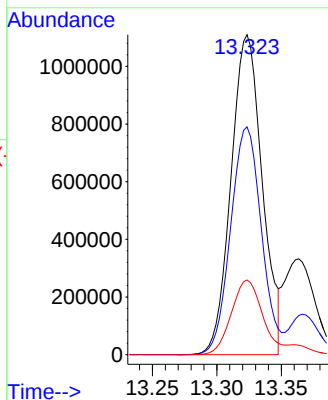
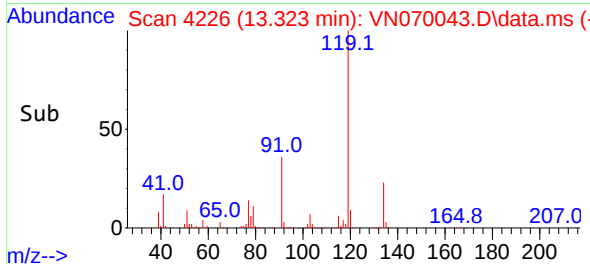
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



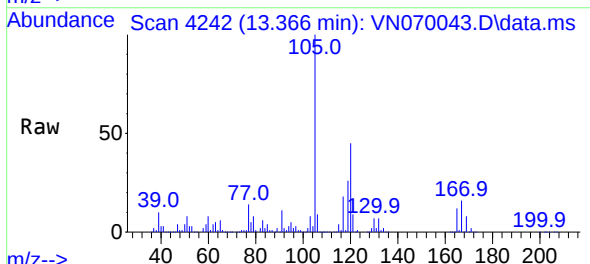
Tgt Ion:119 Resp: 187224
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 23.5 12.4 37.4

Manual Integrations
APPROVED

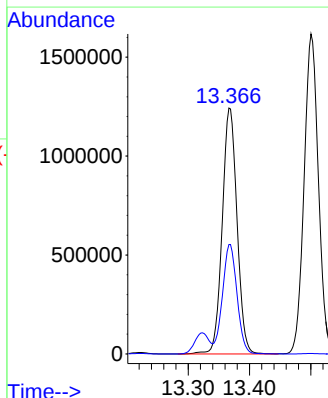
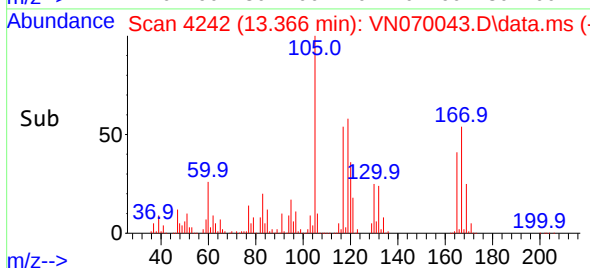
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

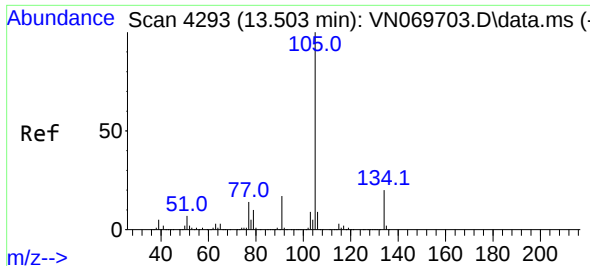


#84
1,2,4-Trimethylbenzene
Concen: 50.229 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion:105 Resp: 2084403
Ion Ratio Lower Upper
105 100
120 43.8 22.8 68.4





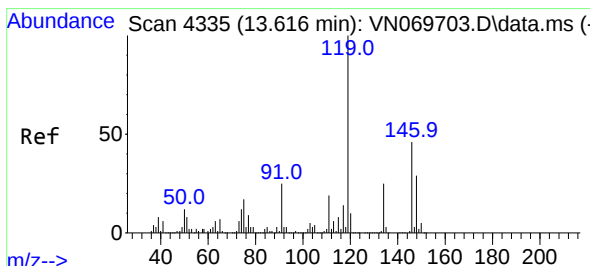
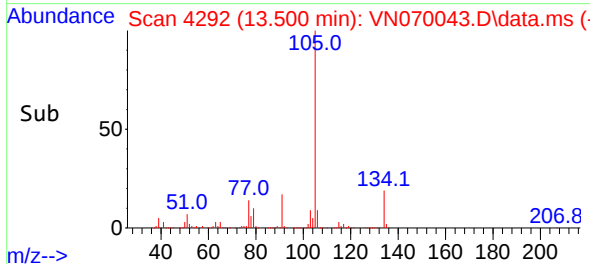
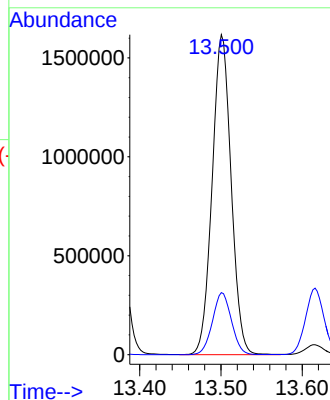
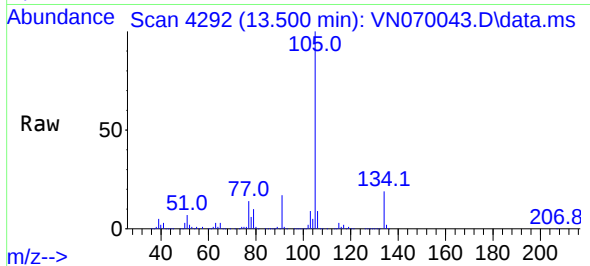
#85
 sec-Butylbenzene
 Concen: 50.052 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN070043.D
 Acq: 13 Dec 2021 20:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 2619454
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

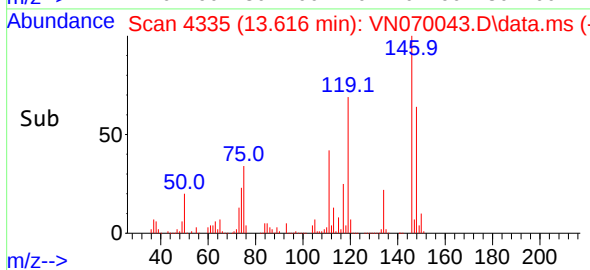
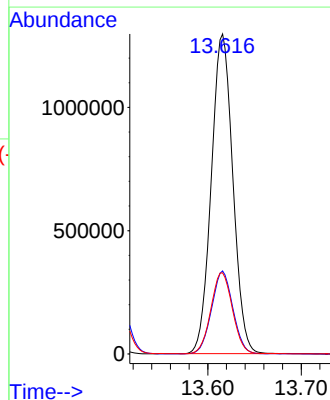
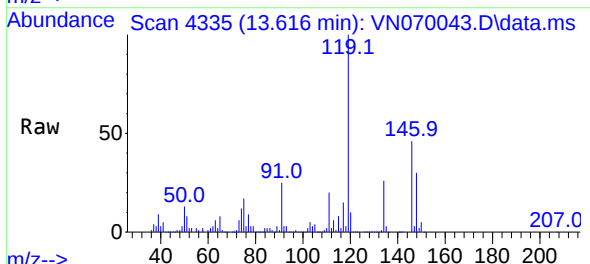
Manual Integrations
 APPROVED

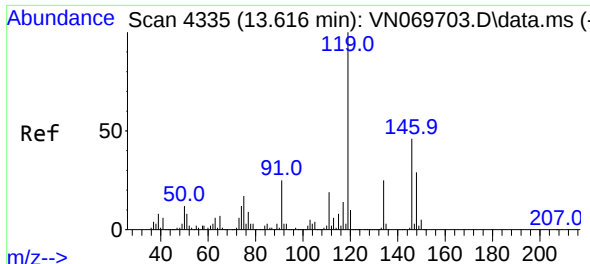
Reviewed By :John Carlone 12/14/2021
 Supervised By :Amit Patel 12/15/2021



#86
 p-Isopropyltoluene
 Concen: 50.754 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070043.D
 Acq: 13 Dec 2021 20:18

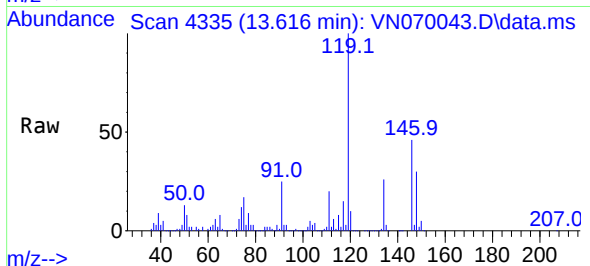
Tgt Ion:119 Resp: 2076224
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.4 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.461 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

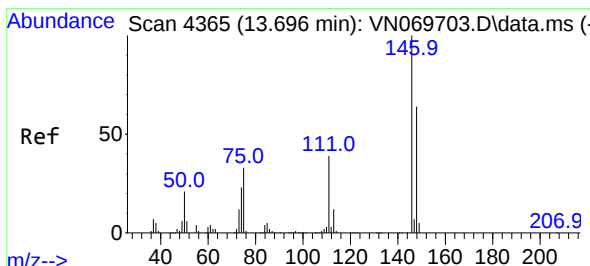
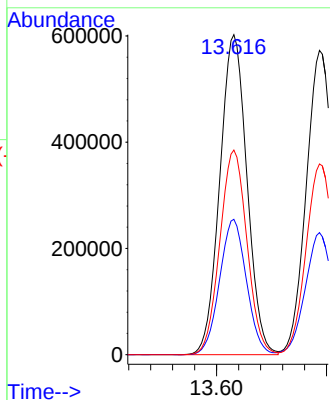
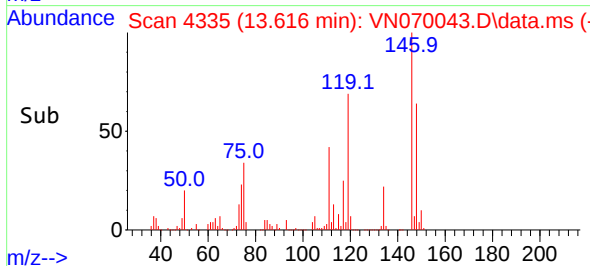
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



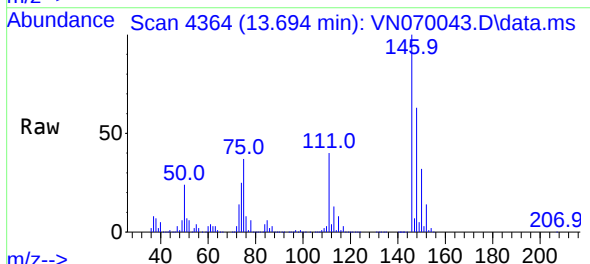
Tgt Ion:146 Resp: 1033240
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.9 31.6 95.0

Manual Integrations
APPROVED

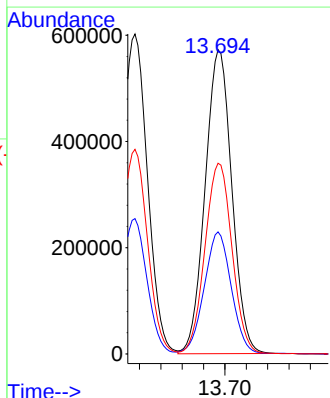
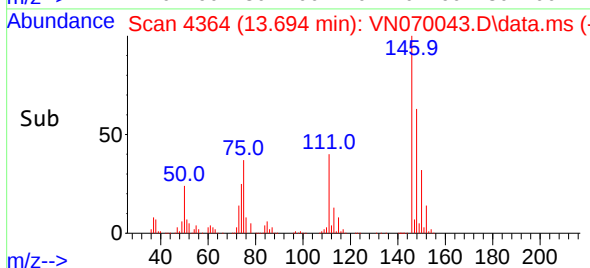
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

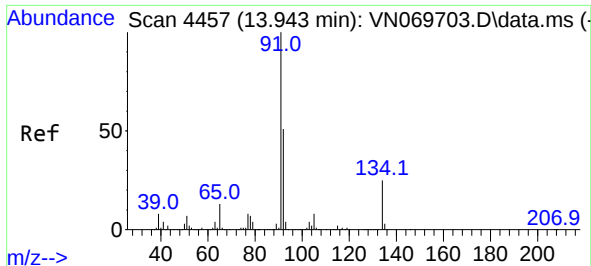


#88
1,4-Dichlorobenzene
Concen: 48.420 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



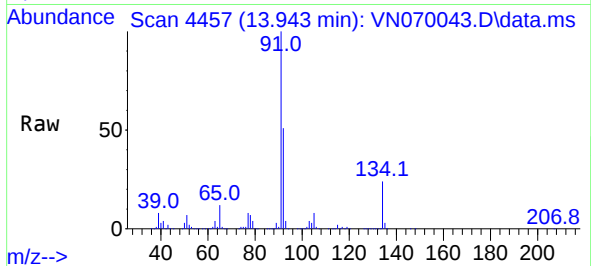
Tgt Ion:146 Resp: 994030
Ion Ratio Lower Upper
146 100
111 40.5 18.3 54.8
148 63.7 31.8 95.4





#89
n-Butylbenzene
Concen: 50.994 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

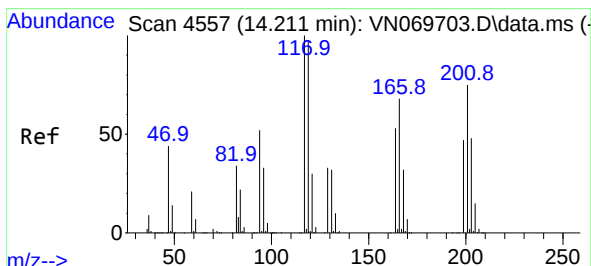
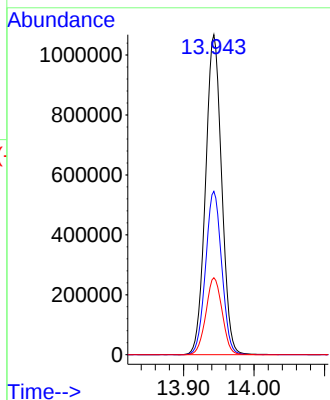
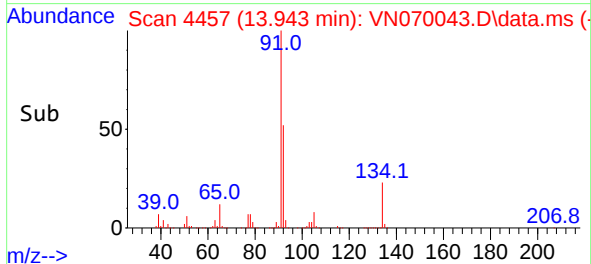
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 1692180
Ion Ratio Lower Upper
91 100
92 51.2 25.4 76.0
134 24.3 13.6 40.8

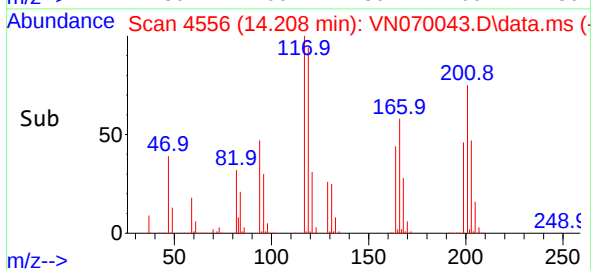
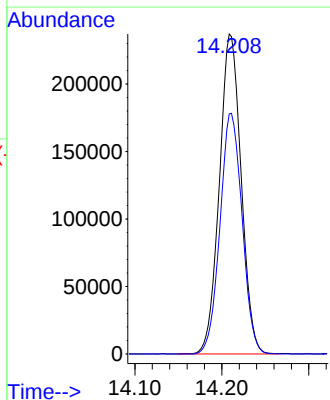
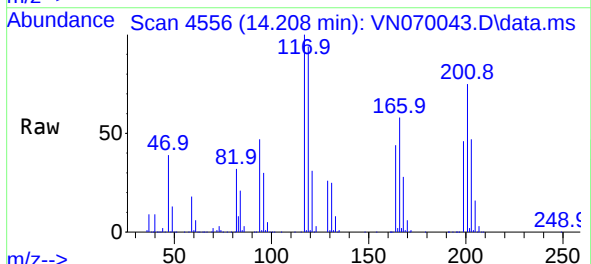
Manual Integrations
APPROVED

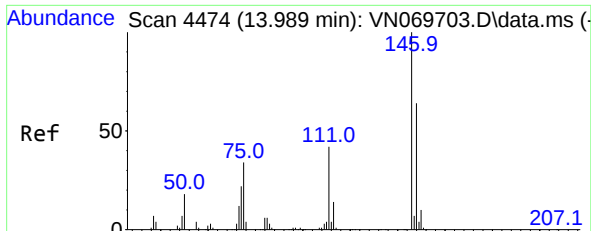
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#90
Hexachloroethane
Concen: 57.417 ug/l
RT: 14.208 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

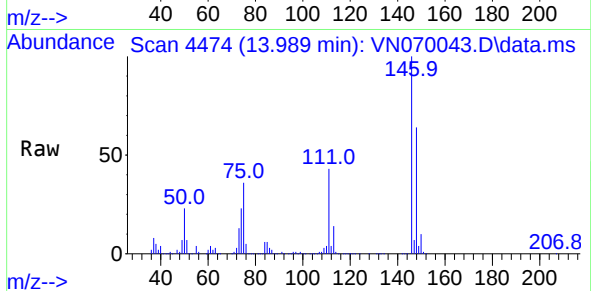
Tgt Ion:117 Resp: 412380
Ion Ratio Lower Upper
117 100
201 76.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.213 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

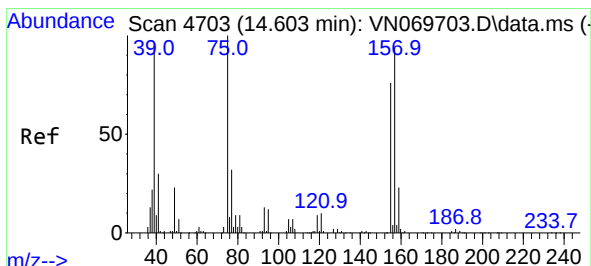
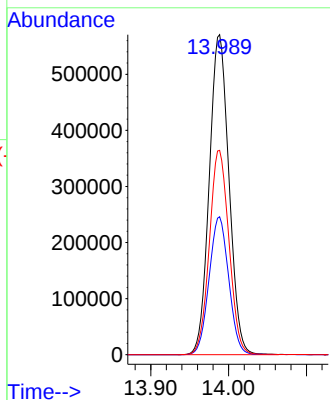
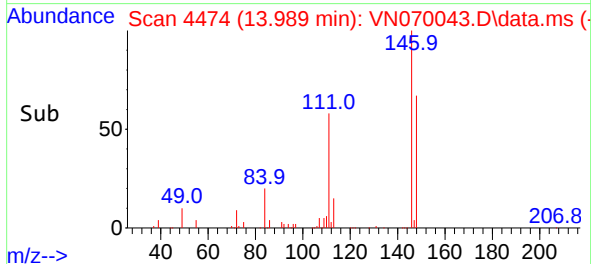
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



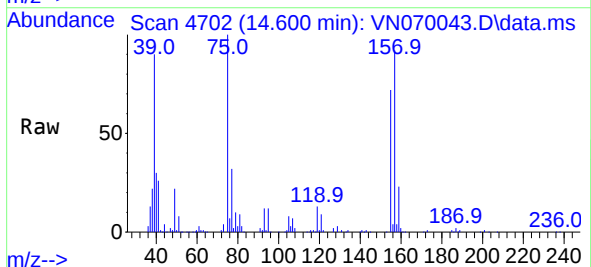
Tgt Ion:146 Resp: 1001711
Ion Ratio Lower Upper
146 100
111 43.0 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
APPROVED

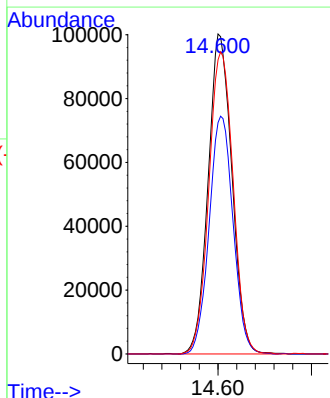
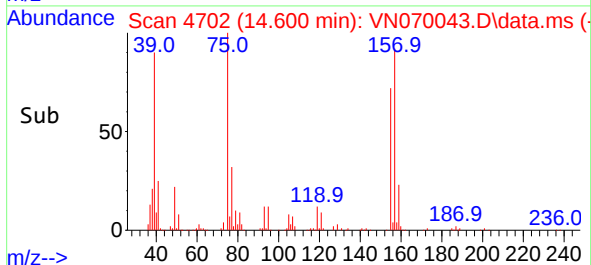
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

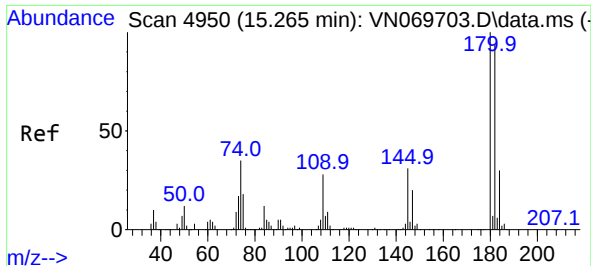


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.331 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



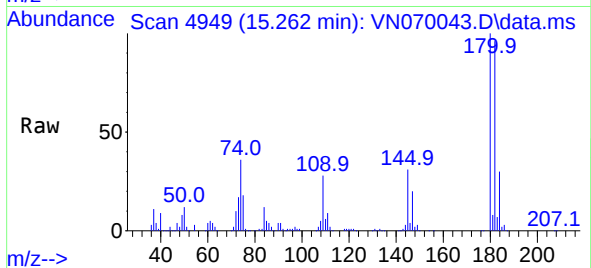
Tgt Ion: 75 Resp: 177025
Ion Ratio Lower Upper
75 100
155 74.8 46.9 140.7
157 96.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 46.093 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

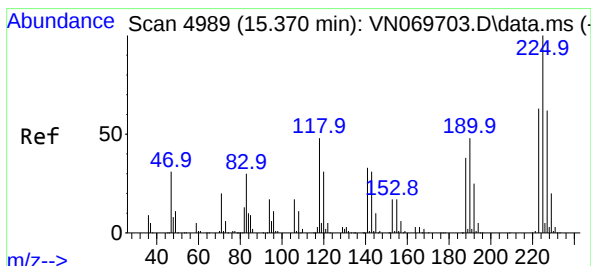
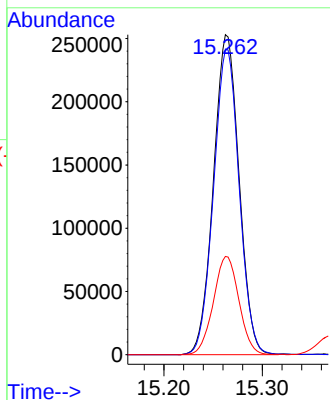
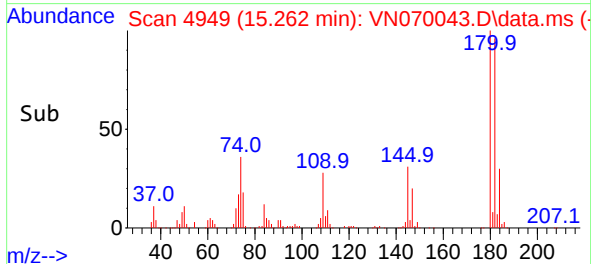
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



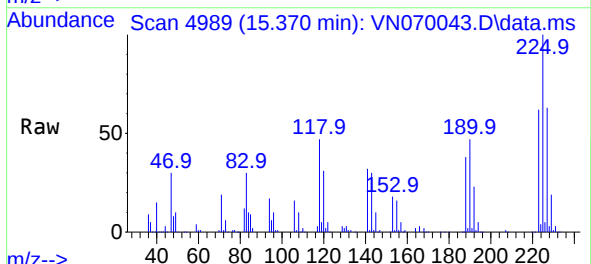
Tgt Ion:180 Resp: 457769
Ion Ratio Lower Upper
180 100
182 95.6 48.3 144.9
145 30.7 14.5 43.5

Manual Integrations
APPROVED

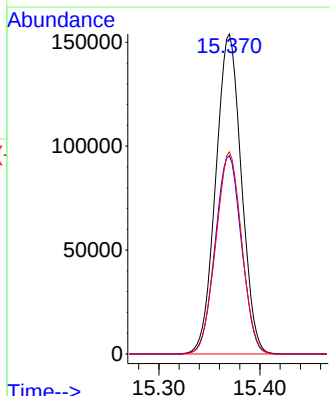
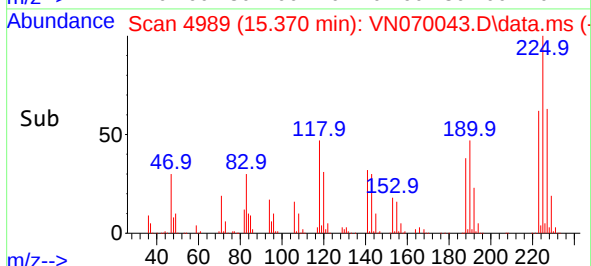
Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021

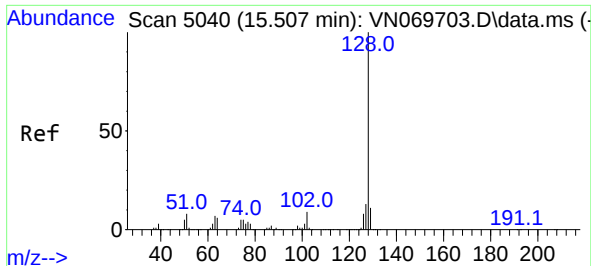


#94
Hexachlorobutadiene
Concen: 50.243 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



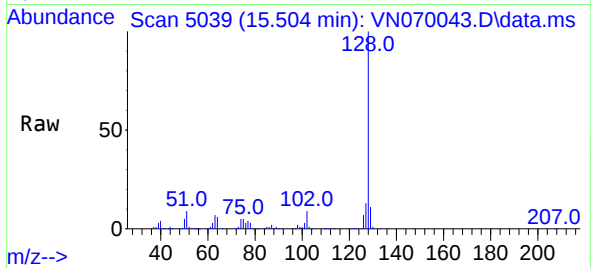
Tgt Ion:225 Resp: 271031
Ion Ratio Lower Upper
225 100
223 63.8 31.9 95.7
227 63.9 32.1 96.3





#95
Naphthalene
Concen: 43.689 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18

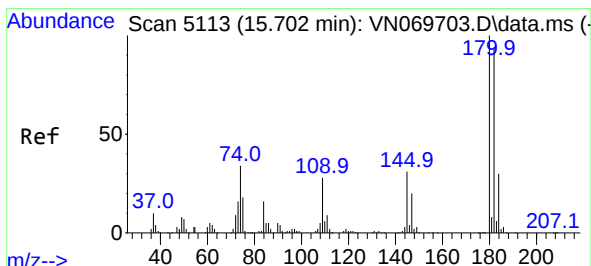
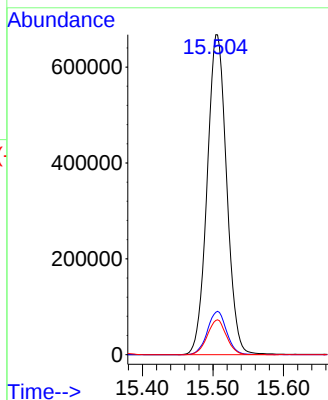
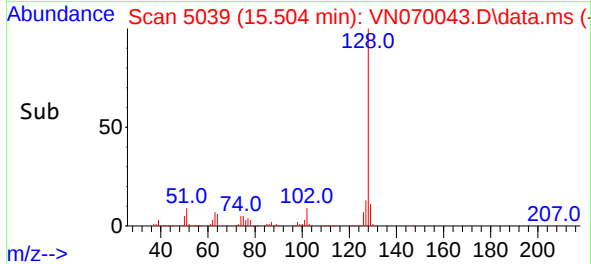
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



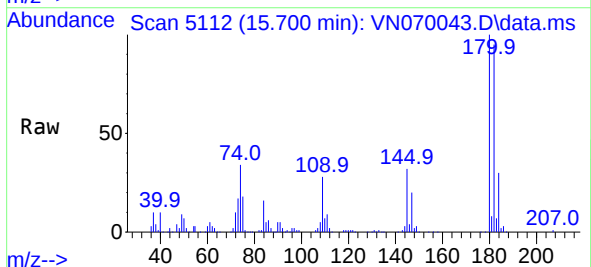
Tgt Ion:128 Resp: 128286
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/14/2021
Supervised By :Amit Patel 12/15/2021



#96
1,2,3-Trichlorobenzene
Concen: 47.515 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070043.D
Acq: 13 Dec 2021 20:18



Tgt Ion:180 Resp: 461056
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.2 15.0 45.1

