

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070206.D
 Acq On : 18 Dec 2021 11:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/20/2021
 Supervised By : Mahesh Dadoda 12/24/2021

Quant Time: Dec 19 08:42:13 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)

Internal Standards						
1) Pentafluorobenzene	8.083	168	950001	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1514019	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1430266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	634439	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	673489	45.92	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.84%		
35) Dibromofluoromethane	8.021	113	464823	49.01	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.02%		
50) Toluene-d8	10.440	98	1834155	48.17	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.34%		
62) 4-Bromofluorobenzene	12.731	95	712248	51.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	483806	43.66	ug/l	99
3) Chloromethane	2.303	50	598367	43.11	ug/l	100
4) Vinyl Chloride	2.445	62	575325	45.07	ug/l	99
5) Bromomethane	2.837	94	313467	45.20	ug/l	98
6) Chloroethane	3.009	64	356077	45.52	ug/l	97
7) Trichlorofluoromethane	3.371	101	760234	45.38	ug/l	96
8) Diethyl Ether	3.821	74	343803	53.29	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.205	101	496881	52.91	ug/l	97
10) Methyl Iodide	4.417	142	618104	48.18	ug/l	99
11) Tert butyl alcohol	5.377	59	659635	237.91	ug/l	98
12) 1,1-Dichloroethene	4.175	96	447600	49.46	ug/l	88
13) Acrolein	4.038	56	525953	222.76	ug/l	99
14) Allyl chloride	4.838	41	1089139	53.41	ug/l	90
15) Acrylonitrile	5.554	53	1876374	251.15	ug/l	99
16) Acetone	4.285	43	2221814	251.81	ug/l	97
17) Carbon Disulfide	4.524	76	1015144	43.42	ug/l	99
18) Methyl Acetate	4.854	43	1307154	49.08	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	1920776	54.59	ug/l	97
20) Methylene Chloride	5.092	84	568952	48.50	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	481560	48.99	ug/l	85
22) Diisopropyl ether	6.498	45	2251549	56.49	ug/l	91
23) Vinyl Acetate	6.433	43	8990744	277.28	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1098970	53.23	ug/l	99
25) 2-Butanone	7.335	43	2995138	249.83	ug/l	91
26) 2,2-Dichloropropane	7.324	77	906145	56.45	ug/l	96
27) cis-1,2-Dichloroethene	7.321	96	604769	50.93	ug/l	84
28) Bromochloromethane	7.656	49	521915	48.61	ug/l #	76
29) Tetrahydrofuran	7.683	42	1788417	245.67	ug/l	87
30) Chloroform	7.817	83	1091257	52.34	ug/l	98
31) Cyclohexane	8.094	56	987369	48.37	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	919754	51.79	ug/l	96
36) 1,1-Dichloropropene	8.220	75	783016	54.33	ug/l	96
37) Ethyl Acetate	7.412	43	1088095	50.72	ug/l	96
38) Carbon Tetrachloride	8.206	117	744863	52.70	ug/l	100
39) Methylcyclohexane	9.459	83	925060	53.96	ug/l	89
40) Benzene	8.458	78	2349395	53.33	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	572285	56.83	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	945871	53.19	ug/l	97
43) Isopropyl Acetate	8.560	43	1740972	54.84	ug/l #	94
44) Trichloroethene	9.215	130	558316	53.10	ug/l	91
45) 1,2-Dichloropropane	9.491	63	671019	56.72	ug/l	99
46) Dibromomethane	9.577	93	410242	52.87	ug/l	94
47) Bromodichloromethane	9.762	83	849983	57.86	ug/l	99
48) Methyl methacrylate	9.558	41	816006	55.08	ug/l	83
49) 1,4-Dioxane	9.569	88	274340	1032.04	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5712908	277.41	ug/l	96
52) Toluene	10.505	92	1469007	54.62	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	923978	52.16	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1001291	53.83	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	606108	55.85	ug/l	97
56) Ethyl methacrylate	10.759	69	1055447	51.47	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1068806	55.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1613985	288.80	ug/l	90
59) 2-Hexanone	11.084	43	4330445	277.97	ug/l	94
60) Dibromochloromethane	11.237	129	599877	51.52	ug/l	99
61) 1,2-Dibromoethane	11.344	107	609847	54.26	ug/l	100
64) Tetrachloroethene	10.977	164	501077	51.67	ug/l	95
65) Chlorobenzene	11.771	112	1573972	54.25	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	570548	55.87	ug/l	99
67) Ethyl Benzene	11.843	91	2971386	56.38	ug/l	95
68) m/p-Xylenes	11.953	106	2177295	113.45	ug/l	92
69) o-Xylene	12.280	106	1095533	56.67	ug/l	92
70) Styrene	12.294	104	1822454	59.46	ug/l	95
71) Bromoform	12.457	173	438890	50.23	ug/l #	99
73) Isopropylbenzene	12.578	105	2929342	51.90	ug/l	99
74) N-amyl acetate	12.387	43	1373541	55.02	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	970486	49.72	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	836264m	45.96	ug/l	
77) Bromobenzene	12.859	156	668006	50.38	ug/l	76
78) n-propylbenzene	12.918	91	3405010	54.21	ug/l	96
79) 2-Chlorotoluene	13.007	91	2086593	52.57	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2406113	52.96	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	280452	50.41	ug/l	96
82) 4-Chlorotoluene	13.104	91	2021709	54.16	ug/l	92
83) tert-Butylbenzene	13.323	119	2093864	52.05	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2355402	54.44	ug/l	97
85) sec-Butylbenzene	13.500	105	2982701	54.66	ug/l	97
86) p-Isopropyltoluene	13.616	119	2397527	56.21	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1163599	53.42	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1126729	52.64	ug/l	97
89) n-Butylbenzene	13.943	91	2021226	58.42	ug/l	97
90) Hexachloroethane	14.211	117	391410	52.27	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1110447	52.32	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	179458	50.88	ug/l	77
93) 1,2,4-Trichlorobenzene	15.262	180	571155	54.59	ug/l	98
94) Hexachlorobutadiene	15.370	225	323474	57.51	ug/l	99
95) Naphthalene	15.504	128	1605438	51.64	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	565210	55.44	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

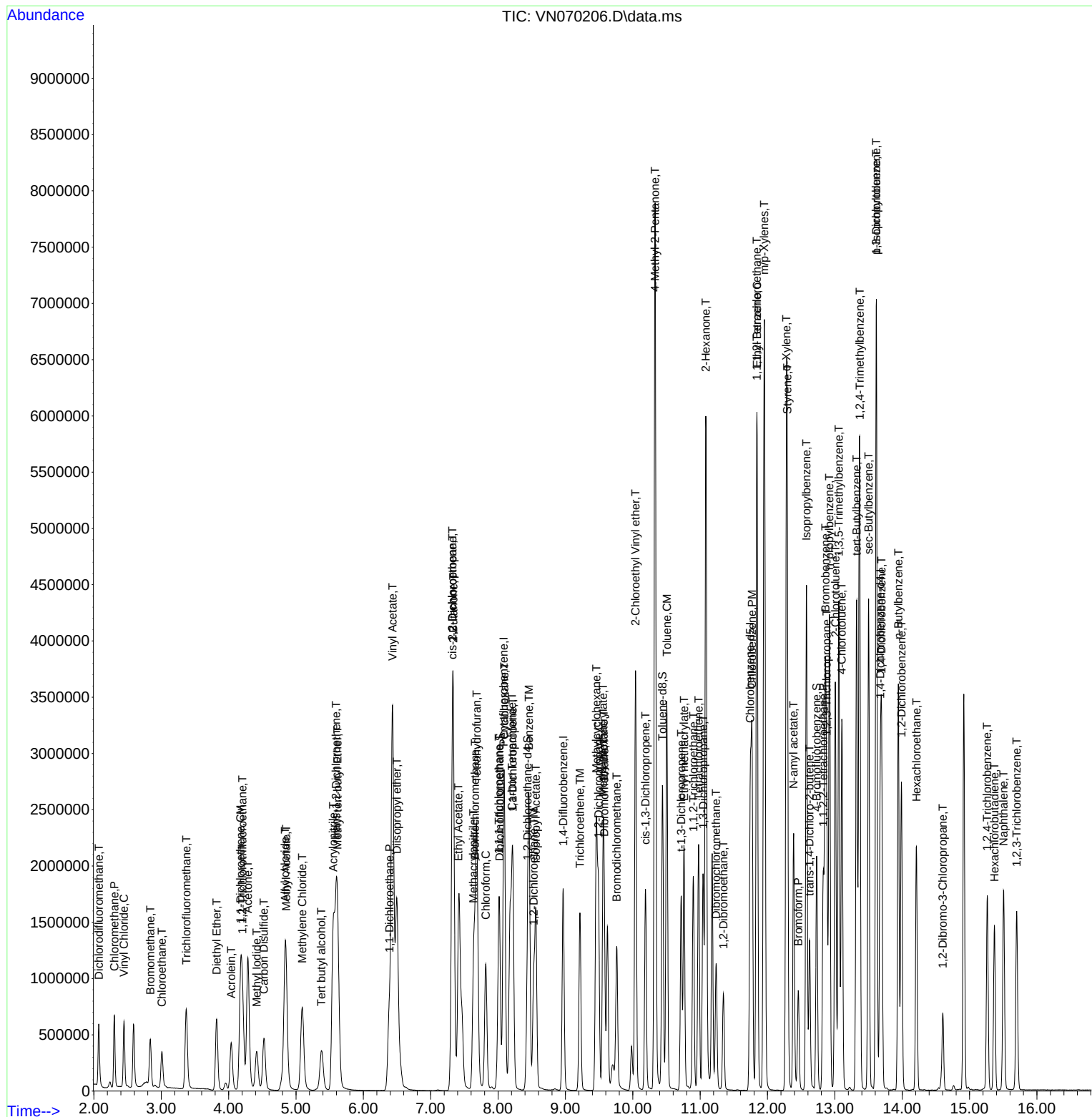
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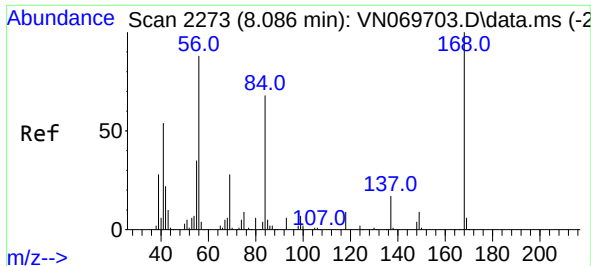
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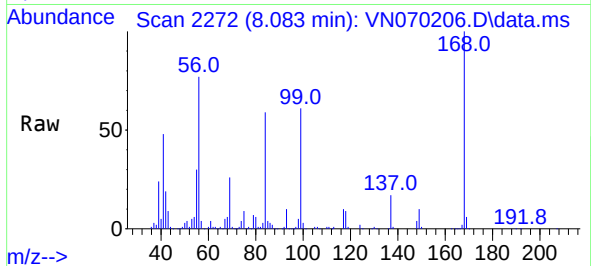
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

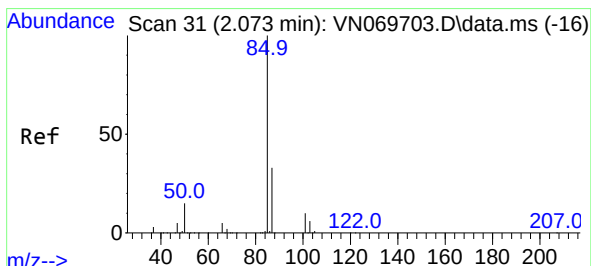
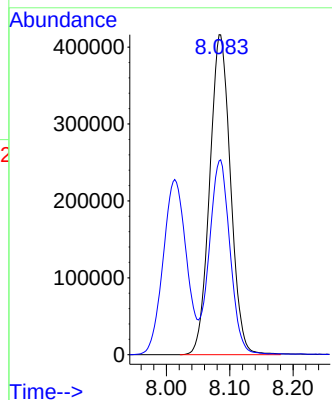
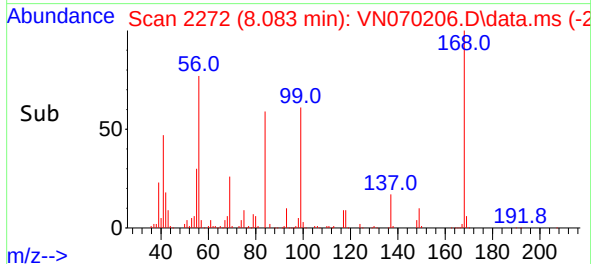
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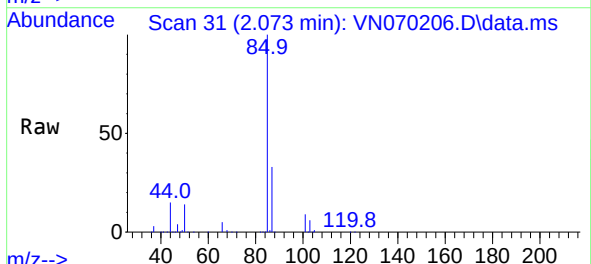
Tgt Ion:168 Resp: 95000
Ion Ratio Lower Upper
168 100
99 60.3 41.3 61.9

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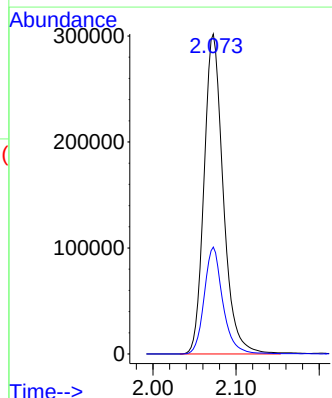
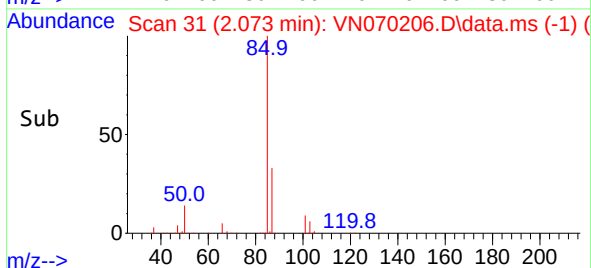
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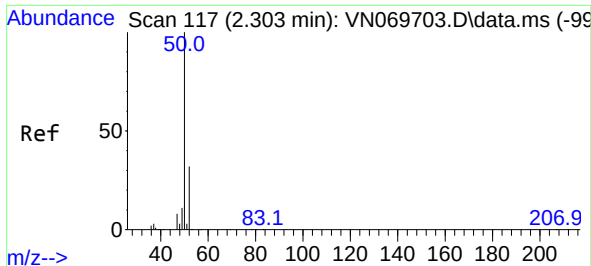


#2
Dichlorodifluoromethane
Concen: 43.66 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



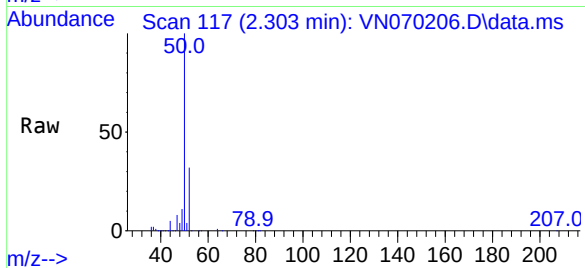
Tgt Ion: 85 Resp: 483806
Ion Ratio Lower Upper
85 100
87 33.4 16.3 48.9





#3
Chloromethane
Concen: 43.11 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

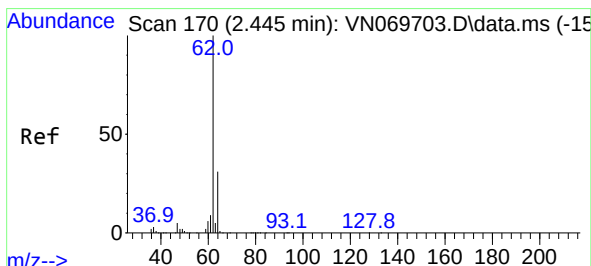
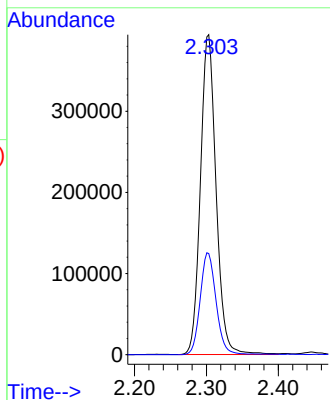
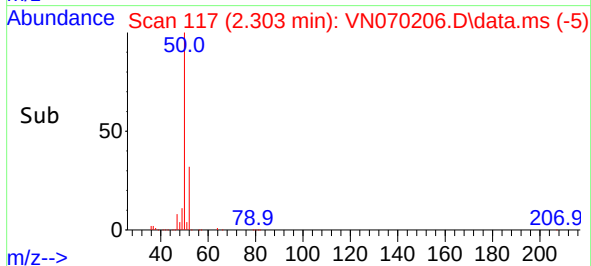
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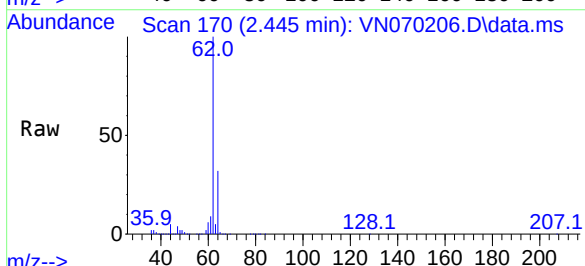
Tgt Ion: 50 Resp: 59836
Ion Ratio Lower Upper
50 100
52 31.6 25.4 38.0

Manual Integrations
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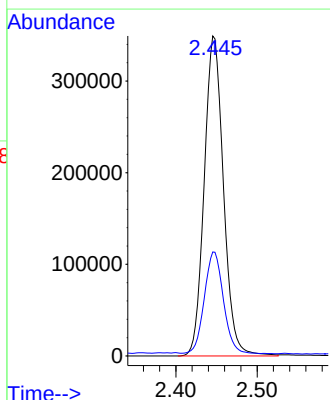
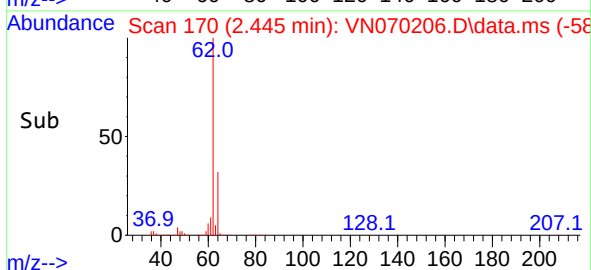
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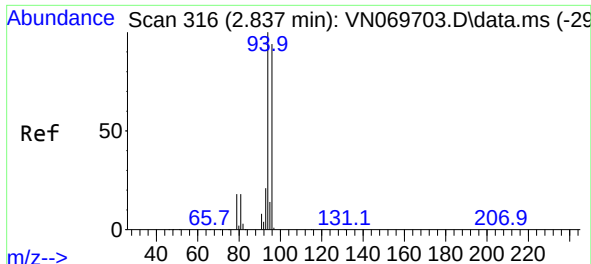


#4
Vinyl Chloride
Concen: 45.07 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



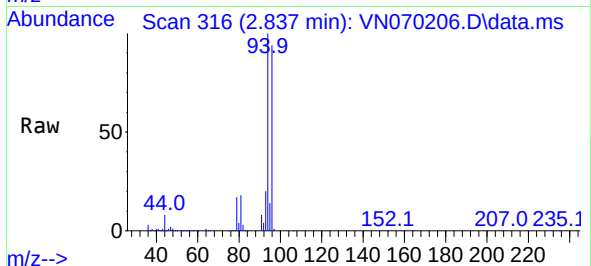
Tgt Ion: 62 Resp: 575325
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 45.20 ug/l
RT: 2.837 min Scan# 316
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

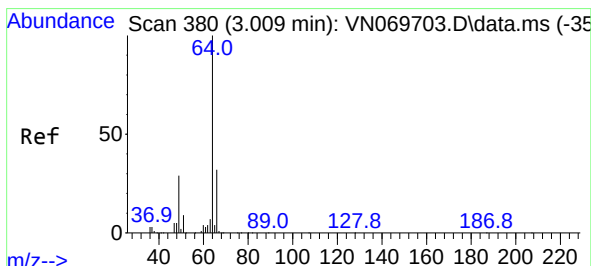
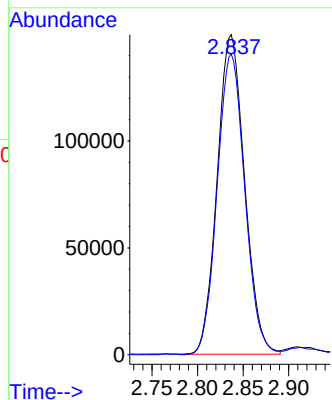
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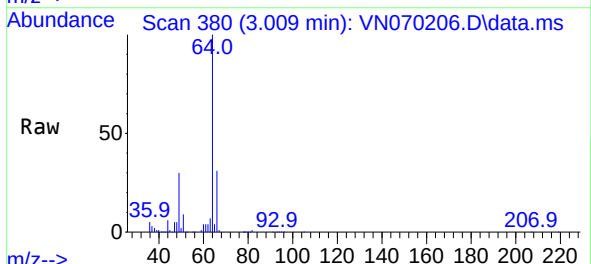
Tgt Ion: 94 Resp: 31346
Ion Ratio Lower Upper
94 100
96 94.1 73.8 110.8

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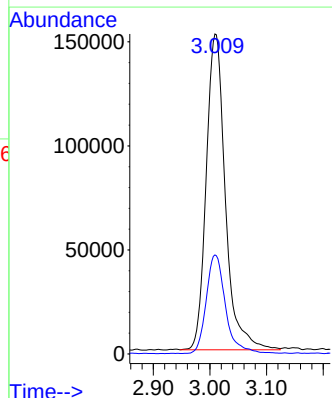
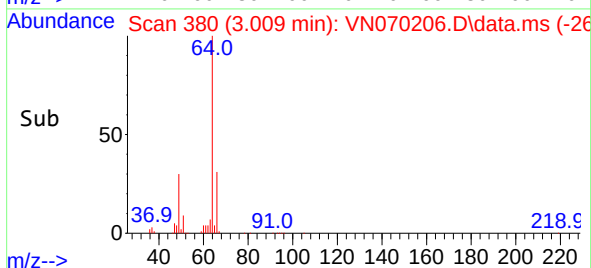
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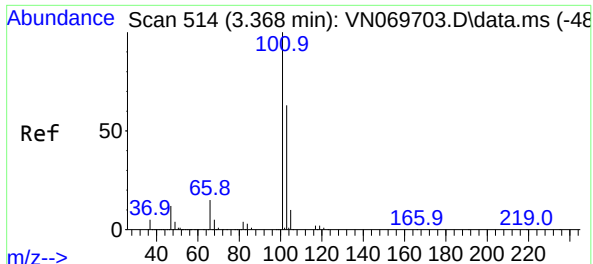


#6
Chloroethane
Concen: 45.52 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 64 Resp: 356077
Ion Ratio Lower Upper
64 100
66 31.2 26.3 39.5





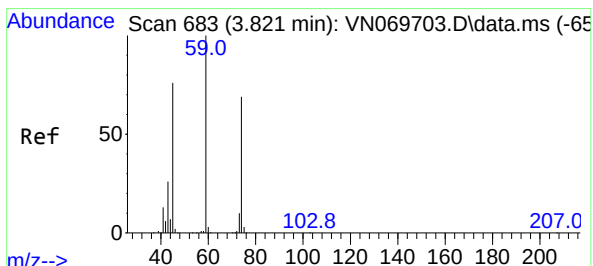
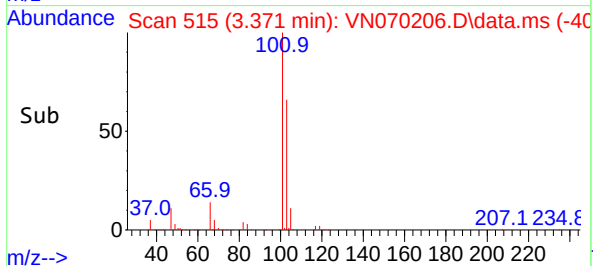
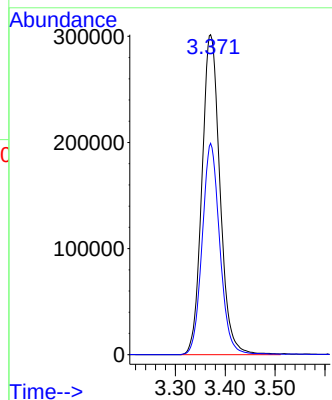
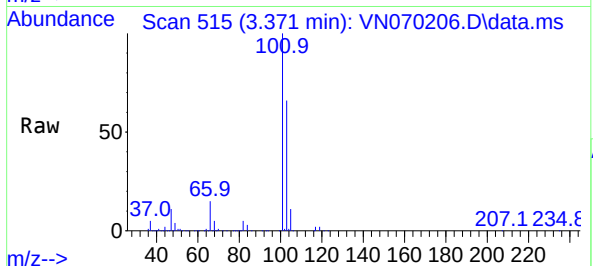
#7
Trichlorofluoromethane
Concen: 45.38 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:101 Resp: 760234
Ion Ratio Lower Upper
101 100
103 66.0 50.1 75.1

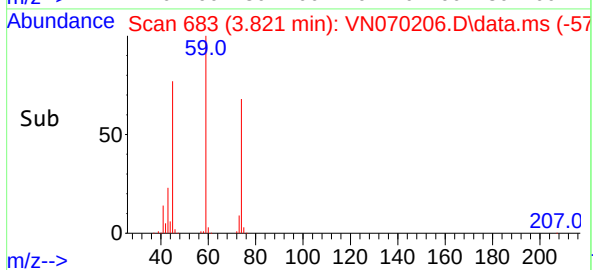
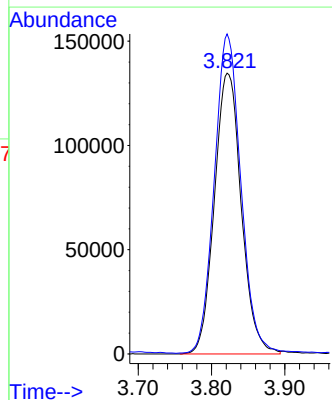
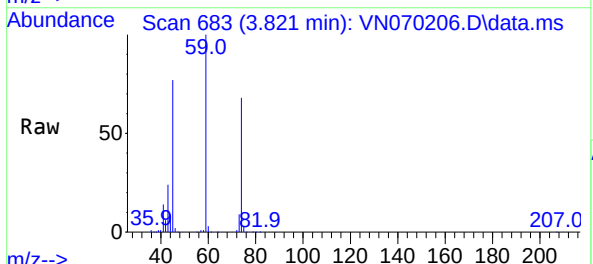
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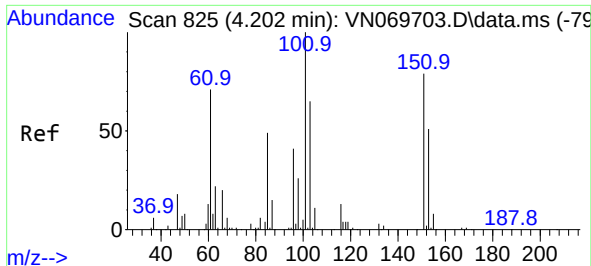
Reviewed By :John Carlone 12/20/2021
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#8
Diethyl Ether
Concen: 53.29 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Tgt Ion: 74 Resp: 343803
Ion Ratio Lower Upper
74 100
45 112.2 47.0 141.2





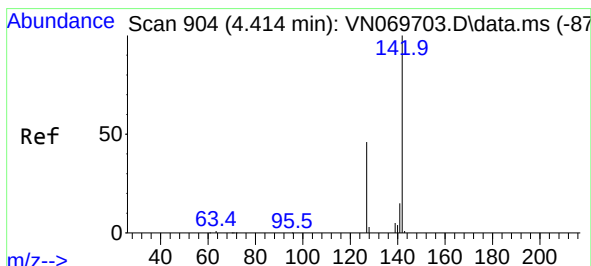
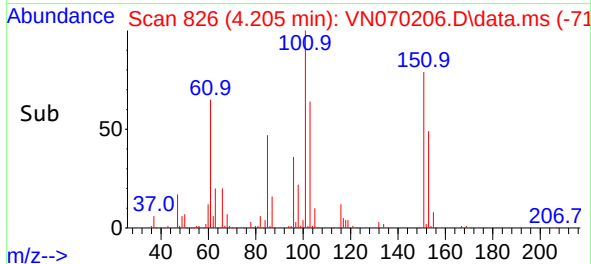
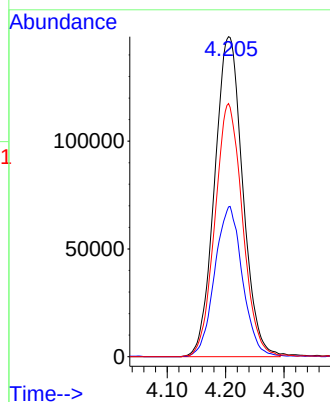
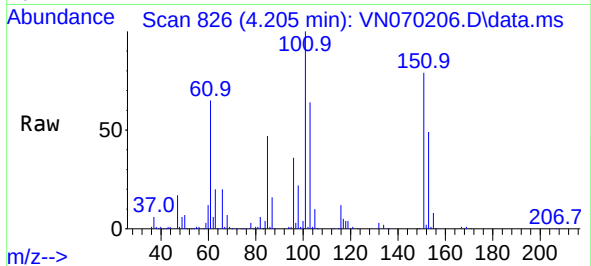
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.91 ug/l
RT: 4.205 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 49688
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 77.6 65.9 98.9

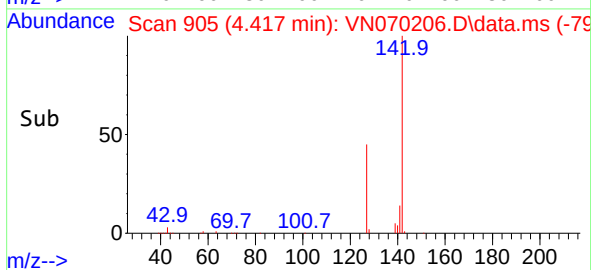
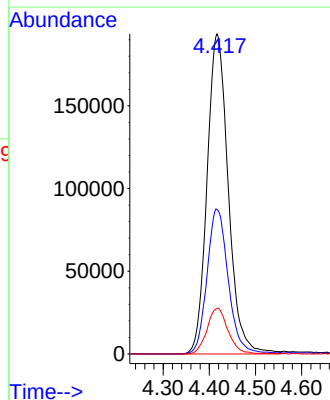
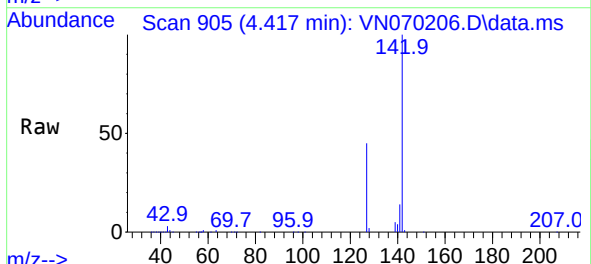
Manual Integrations
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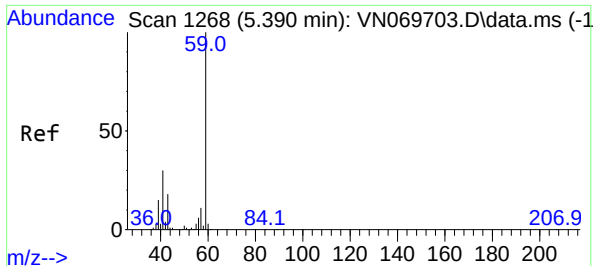
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#10
Methyl Iodide
Concen: 48.18 ug/l
RT: 4.417 min Scan# 905
Delta R.T. 0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

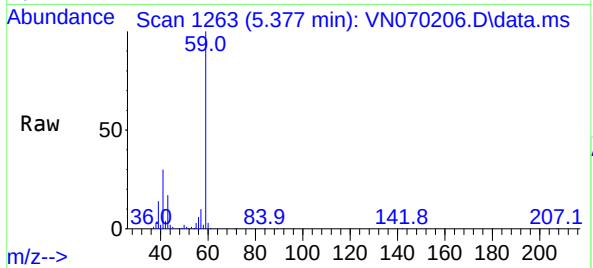
Tgt Ion:142 Resp: 618104
Ion Ratio Lower Upper
142 100
127 45.1 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 237.91 ug/l
RT: 5.377 min Scan# 1263
Delta R.T. -0.013 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

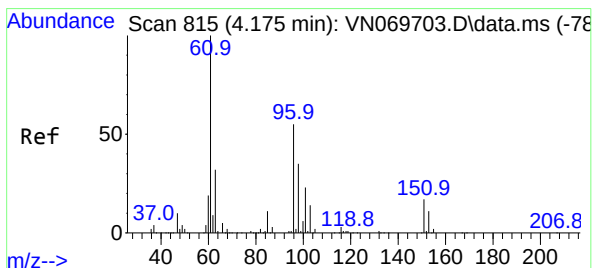
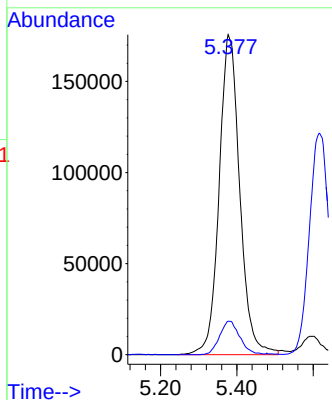
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 65963
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

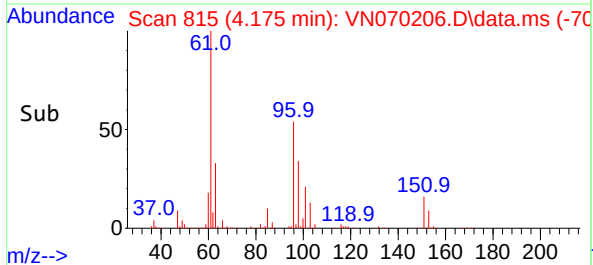
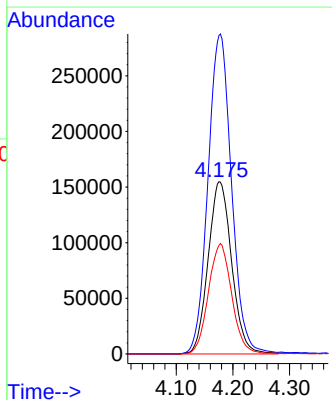
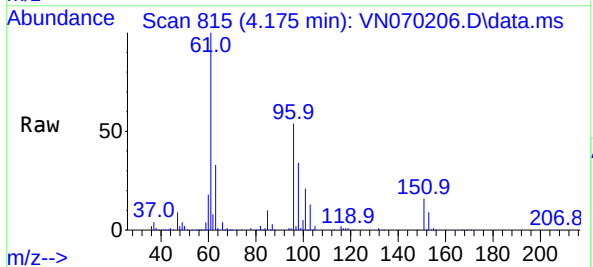
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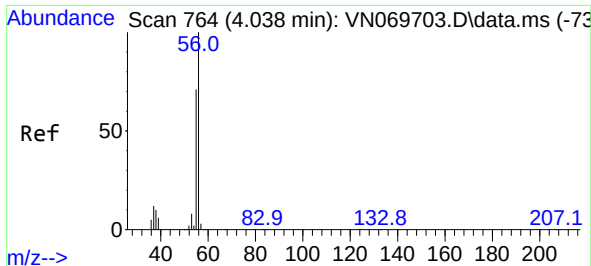
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#12
1,1-Dichloroethene
Concen: 49.46 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

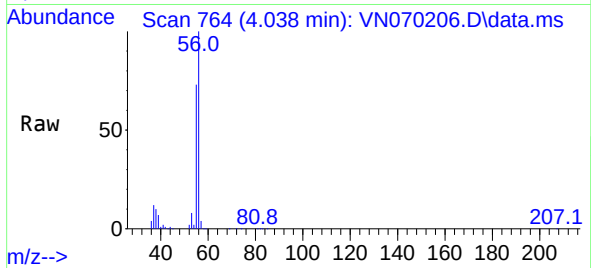
Tgt Ion: 96 Resp: 447600
Ion Ratio Lower Upper
96 100
61 184.8 131.0 196.6
98 63.0 52.4 78.6





#13
Acrolein
Concen: 222.76 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

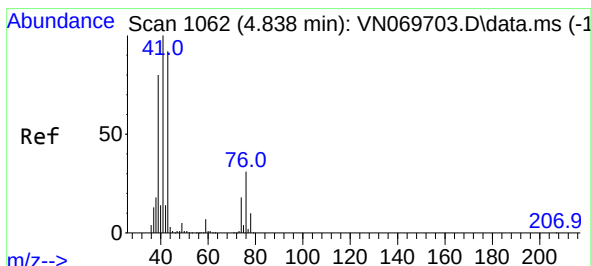
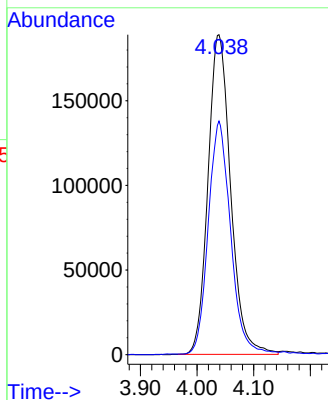
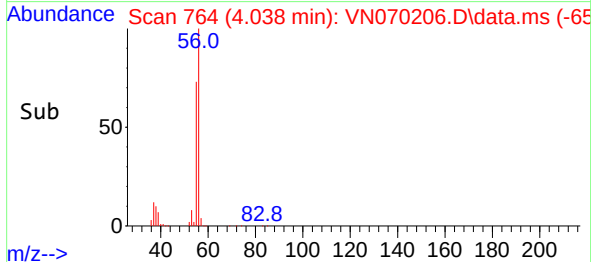
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



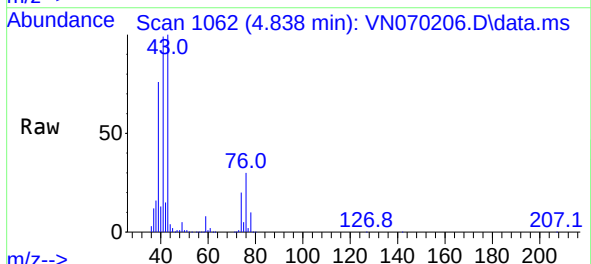
Tgt Ion: 56 Resp: 52595
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

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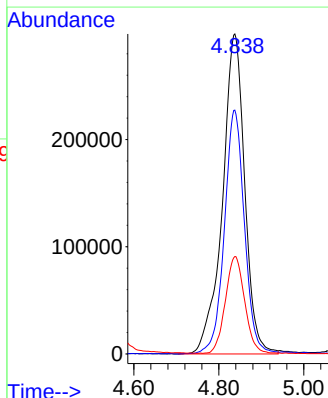
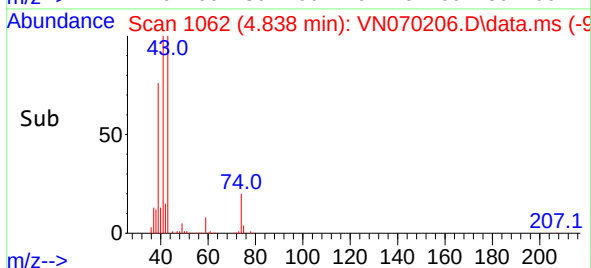
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

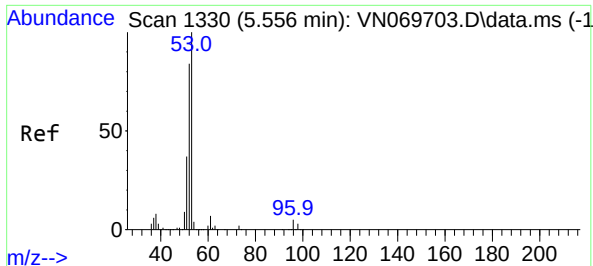


#14
Allyl chloride
Concen: 53.41 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



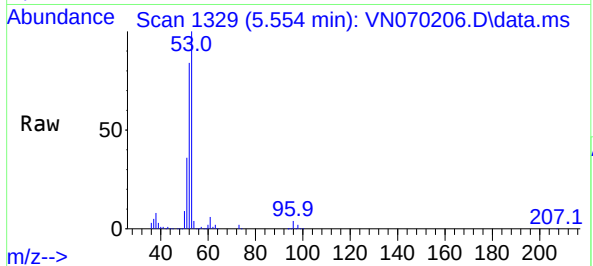
Tgt Ion: 41 Resp: 1089139
Ion Ratio Lower Upper
41 100
39 68.6 61.2 91.8
76 26.1 26.0 39.0





#15
Acrylonitrile
Concen: 251.15 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

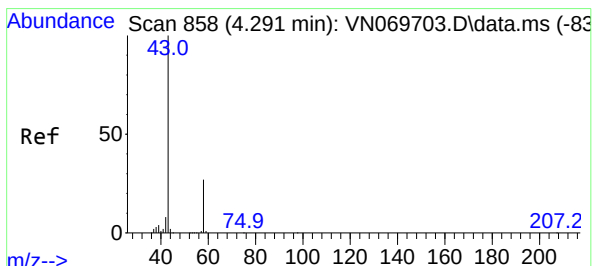
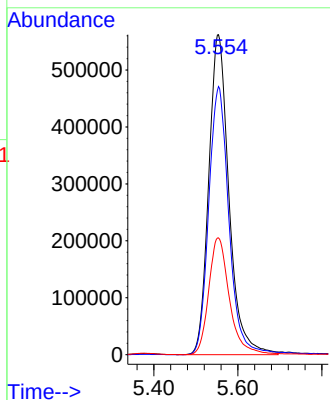
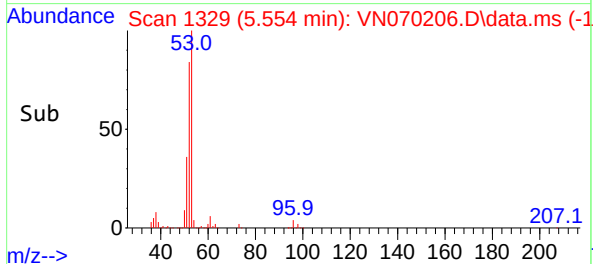
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



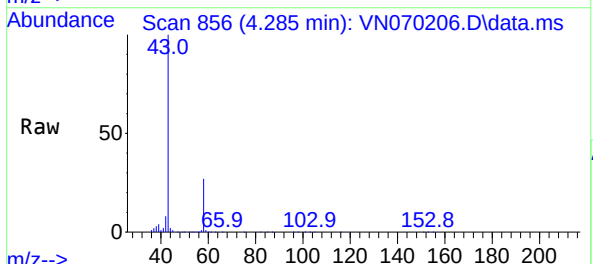
Tgt Ion: 53 Resp: 1876374
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 37.6 29.6 44.4

Manual Integrations
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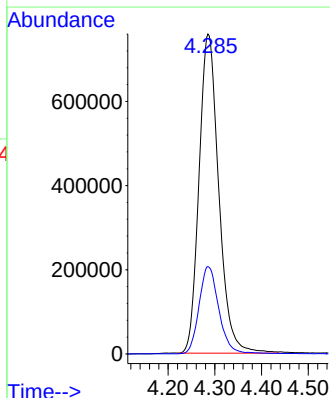
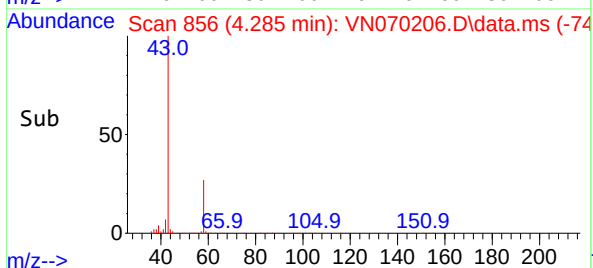
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

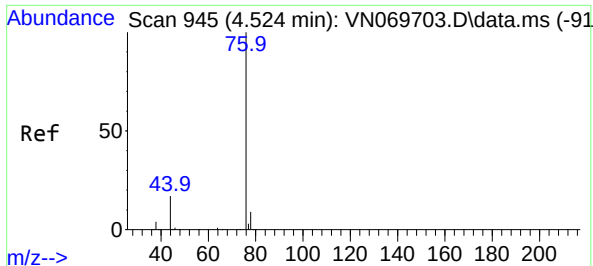


#16
Acetone
Concen: 251.81 ug/l
RT: 4.285 min Scan# 856
Delta R.T. -0.005 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



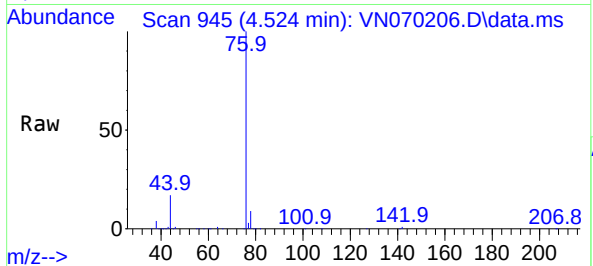
Tgt Ion: 43 Resp: 2221814
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 43.42 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

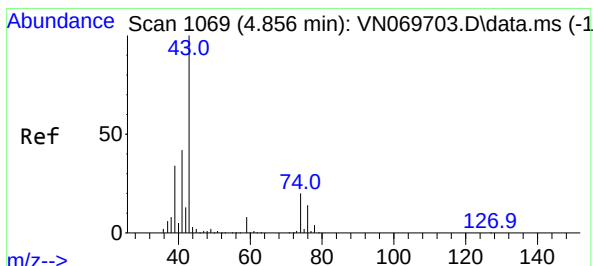
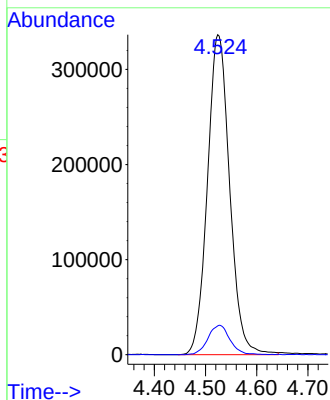
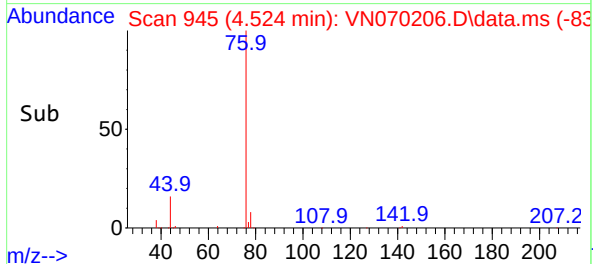
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



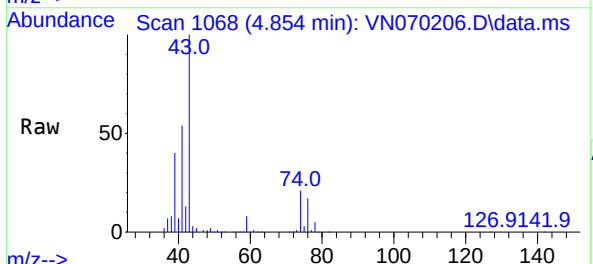
Tgt Ion: 76 Resp: 1015144
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

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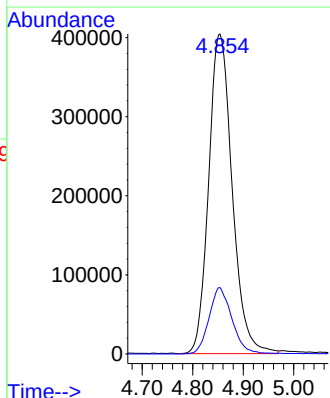
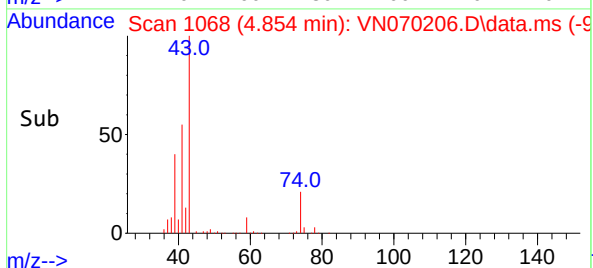
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

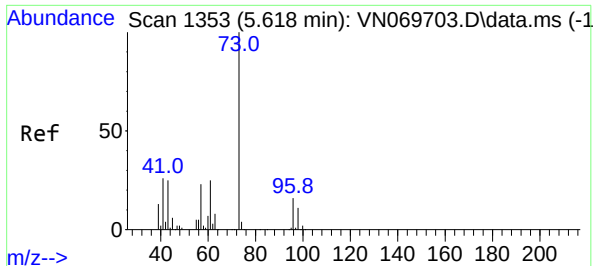


#18
Methyl Acetate
Concen: 49.08 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 43 Resp: 1307154
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 54.59 ug/l

RT: 5.615 min Scan# 1135

Delta R.T. -0.003 min

Lab File: VN070206.D

Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 1920776

Ion Ratio Lower Upper

73 100

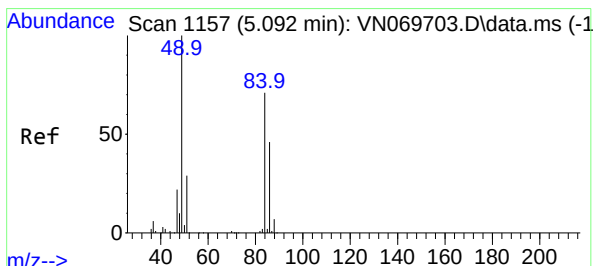
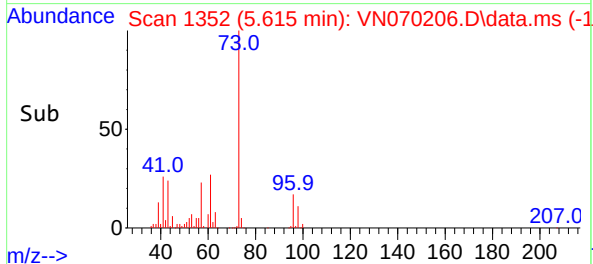
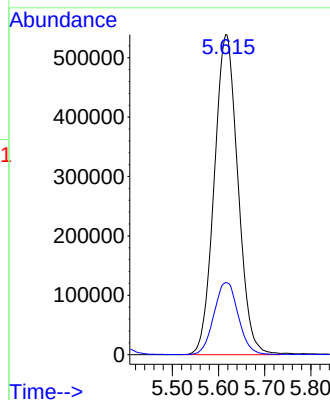
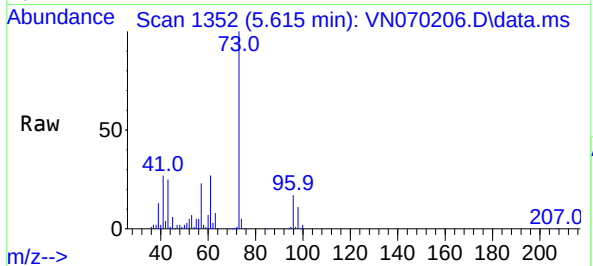
57 22.5 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#20

Methylene Chloride

Concen: 48.50 ug/l

RT: 5.092 min Scan# 1157

Delta R.T. 0.000 min

Lab File: VN070206.D

Acq: 18 Dec 2021 11:34

Tgt Ion: 84 Resp: 568952

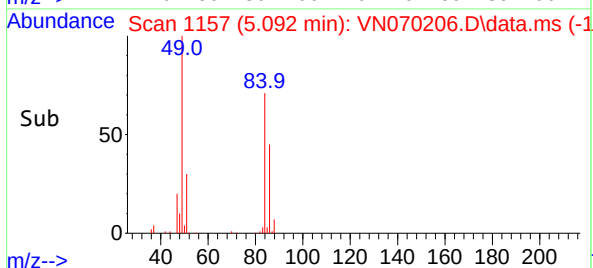
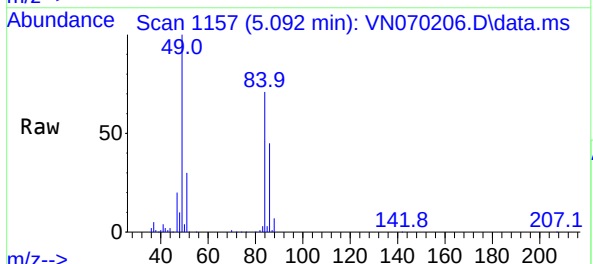
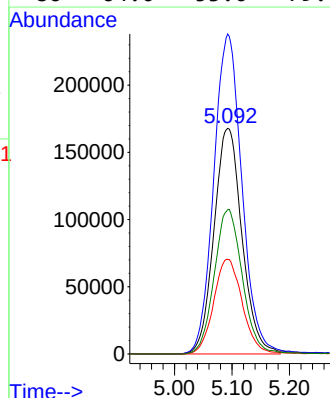
Ion Ratio Lower Upper

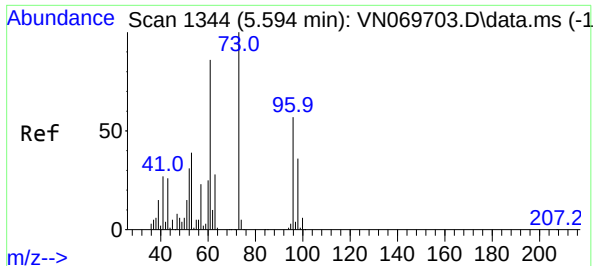
84 100

49 141.7 93.5 140.3#

51 41.9 29.4 44.2

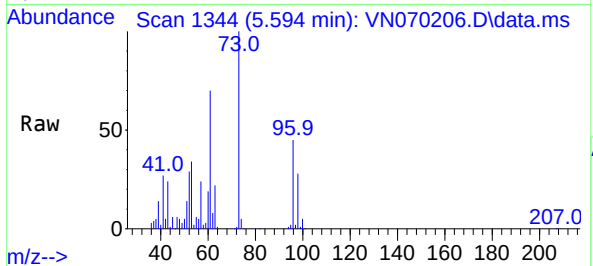
86 64.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.99 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

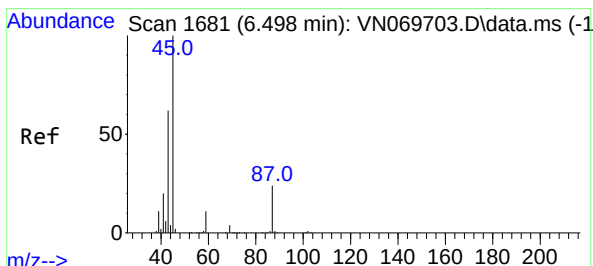
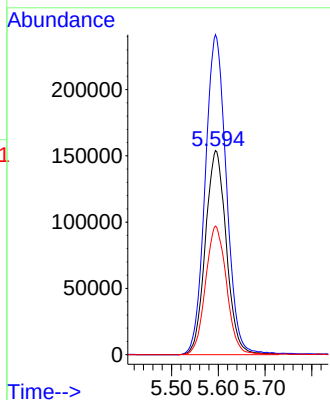
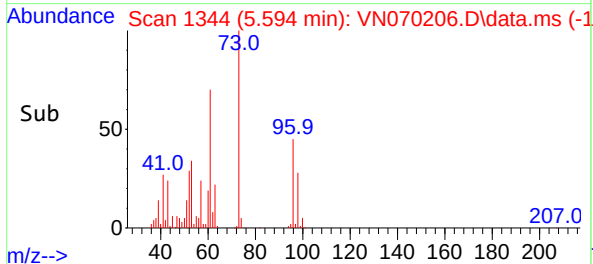
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



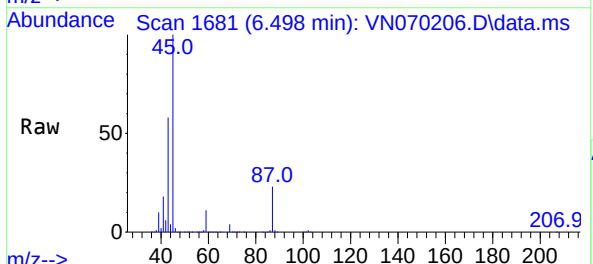
Tgt Ion: 96 Resp: 481560
Ion Ratio Lower Upper
96 100
61 156.7 105.8 158.6
98 63.0 52.0 78.0

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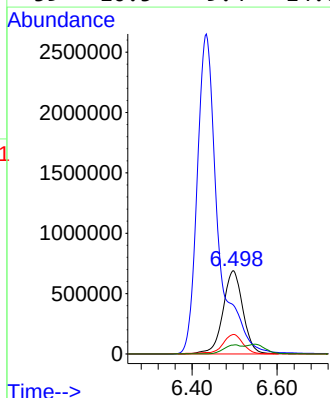
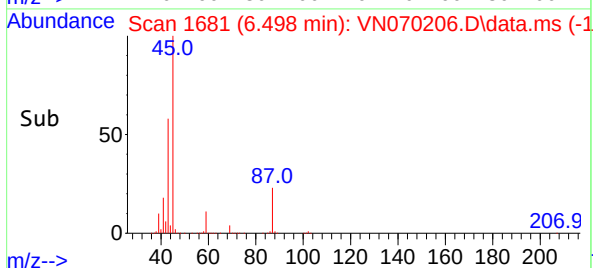
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

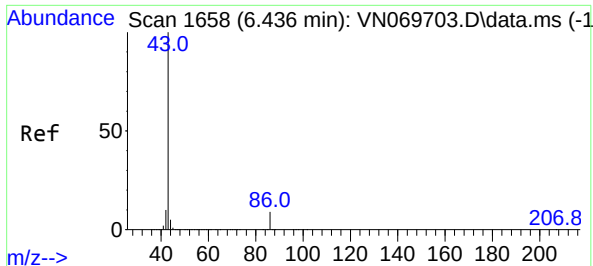


#22
Diisopropyl ether
Concen: 56.49 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 45 Resp: 2251549
Ion Ratio Lower Upper
45 100
43 57.7 51.7 77.5
87 23.4 23.2 34.8
59 10.5 9.4 14.0





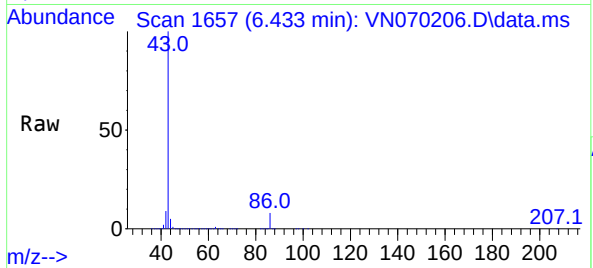
#23
 Vinyl Acetate
 Concen: 277.28 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070206.D
 Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

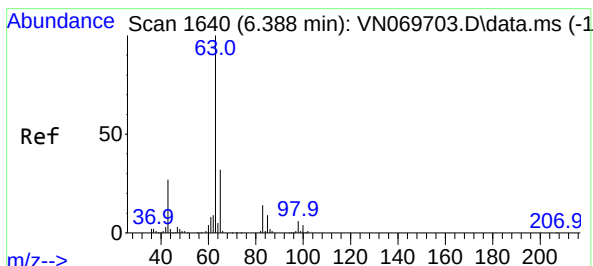
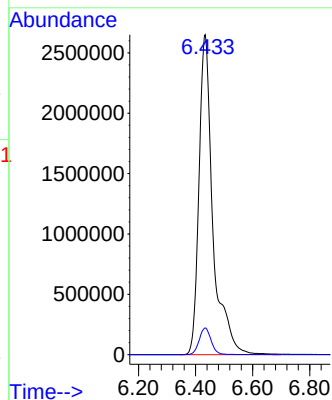
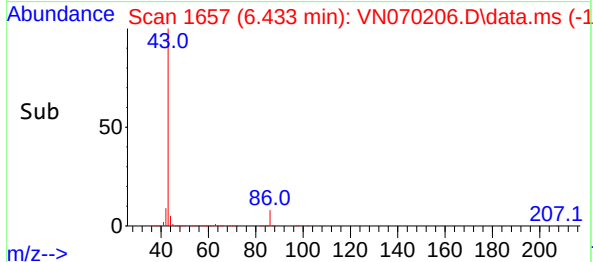


Tgt Ion: 43 Resp: 8990744
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

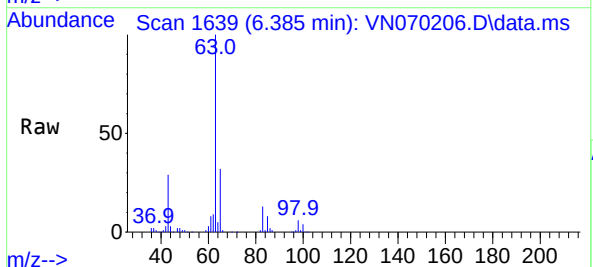
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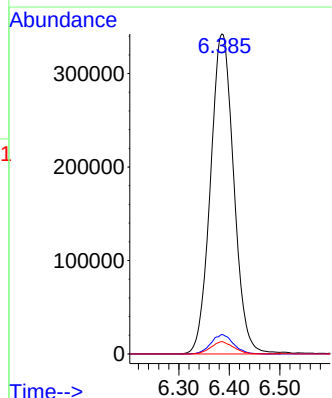
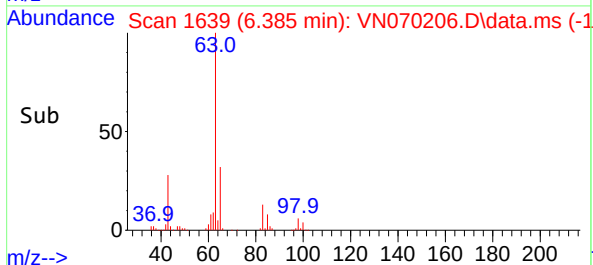
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/24/2021

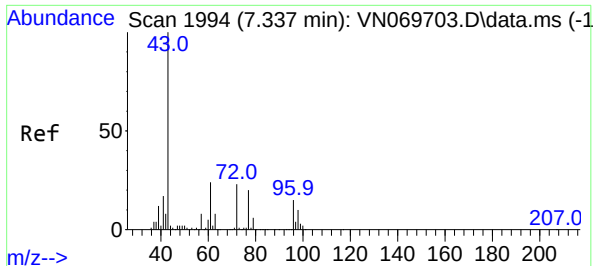


#24
 1,1-Dichloroethane
 Concen: 53.23 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070206.D
 Acq: 18 Dec 2021 11:34



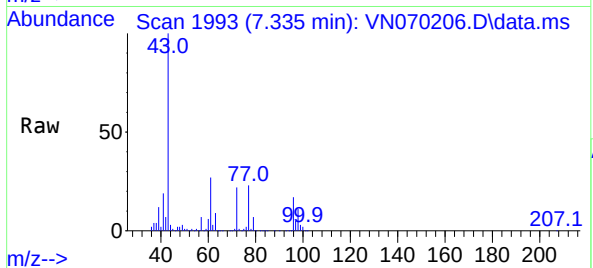
Tgt Ion: 63 Resp: 1098970
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.9 2.1 6.5





#25
2-Butanone
Concen: 249.83 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

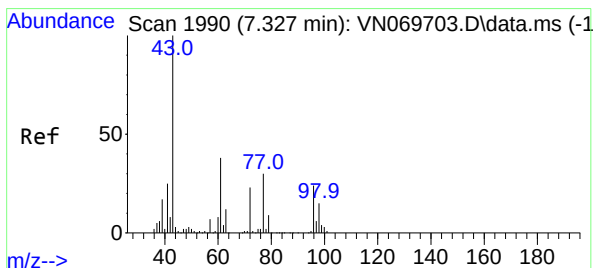
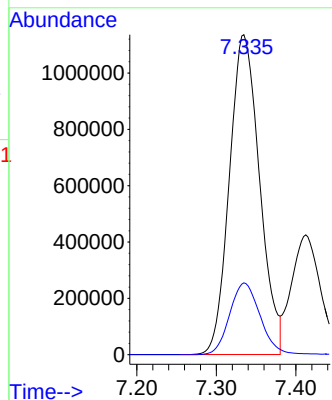
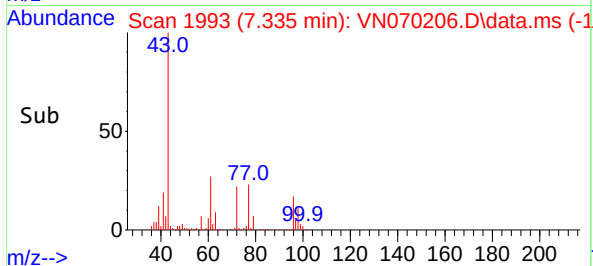
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



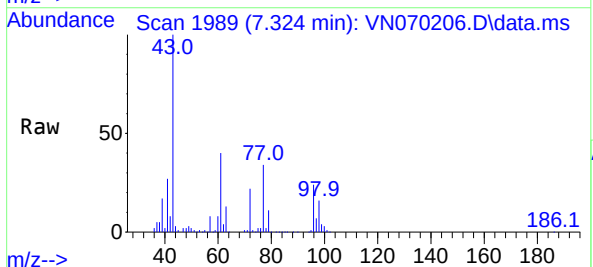
Tgt Ion: 43 Resp: 2995138
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

Manual Integrations
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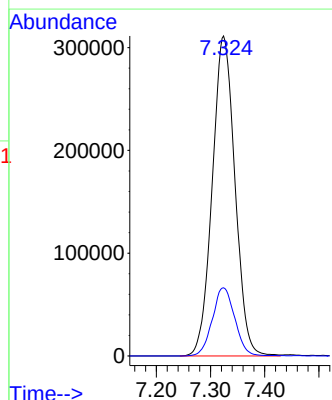
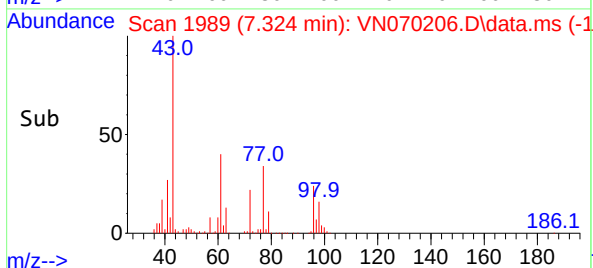
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

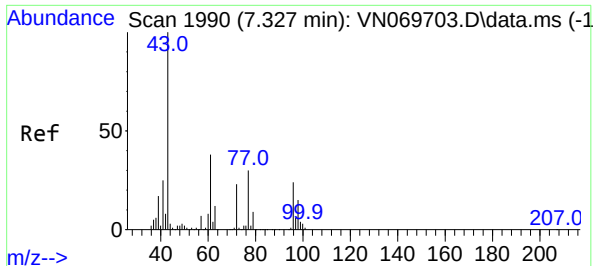


#26
2,2-Dichloropropane
Concen: 56.45 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



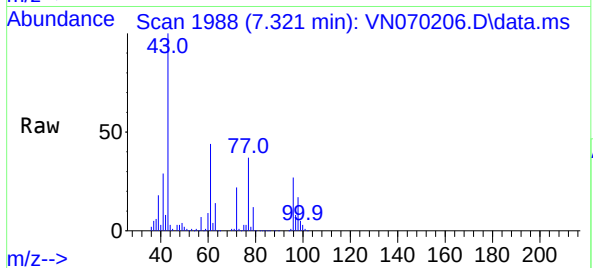
Tgt Ion: 77 Resp: 906145
Ion Ratio Lower Upper
77 100
97 21.1 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 50.93 ug/l
RT: 7.321 min Scan# 1990
Delta R.T. -0.005 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

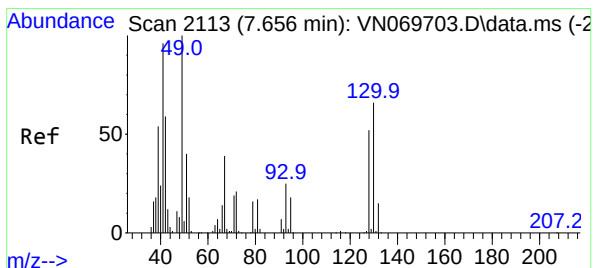
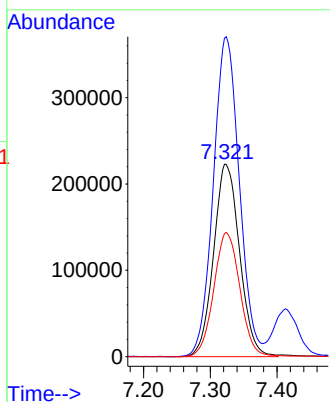
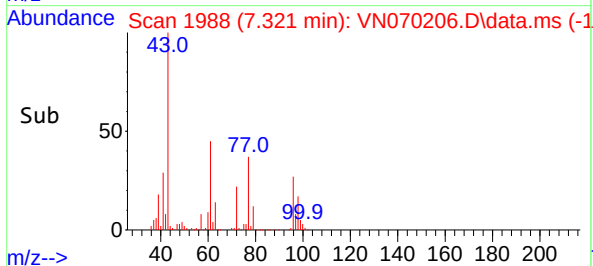
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 604769
Ion Ratio Lower Upper
96 100
61 165.8 0.0 275.0
98 64.9 0.0 129.6

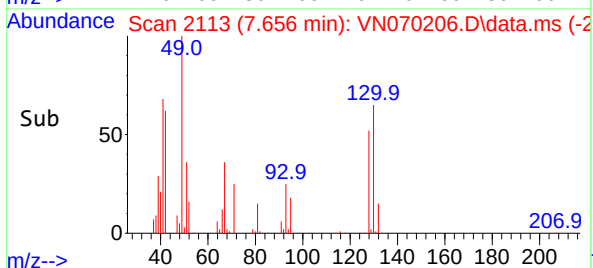
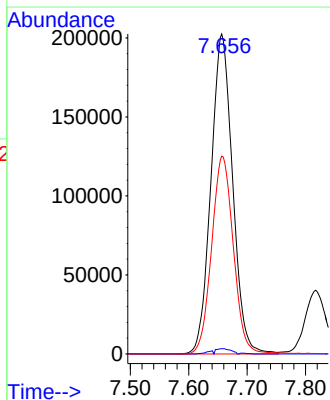
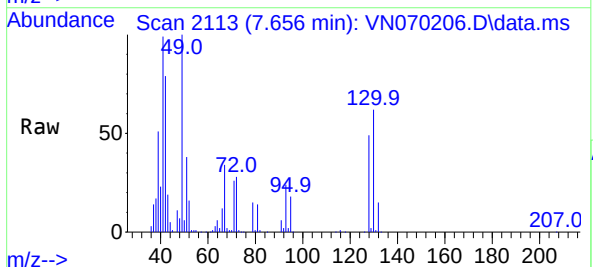
Manual Integrations
APPROVED

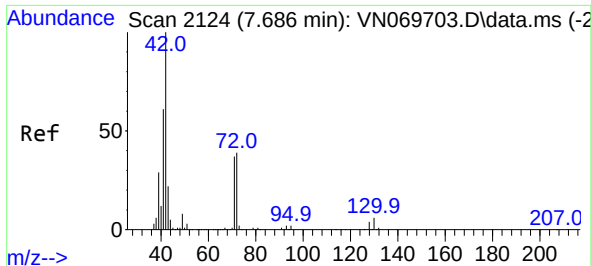
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#28
Bromochloromethane
Concen: 48.61 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Tgt Ion: 49 Resp: 521915
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.0
130 62.0 67.8 101.8#





#29

Tetrahydrofuran

Concen: 245.67 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070206.D

Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 178841

Ion Ratio Lower Upper

42 100

72 36.6 36.3 54.5

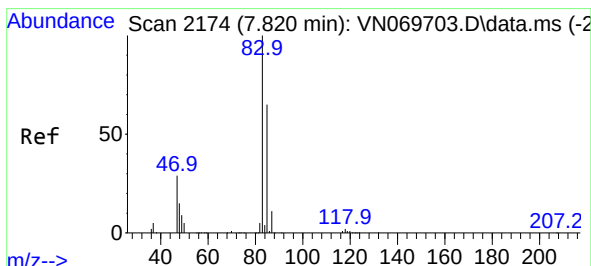
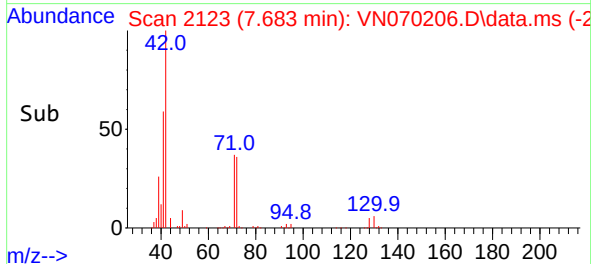
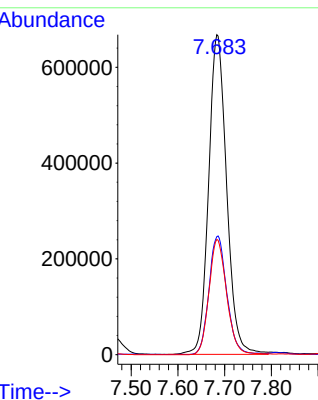
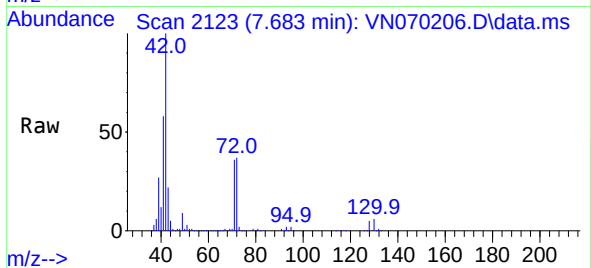
71 35.6 34.7 52.1

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Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#30

Chloroform

Concen: 52.34 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070206.D

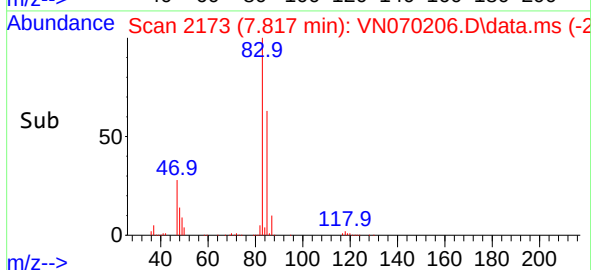
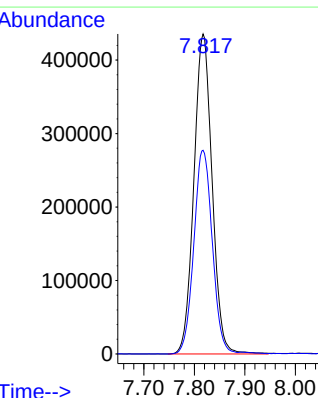
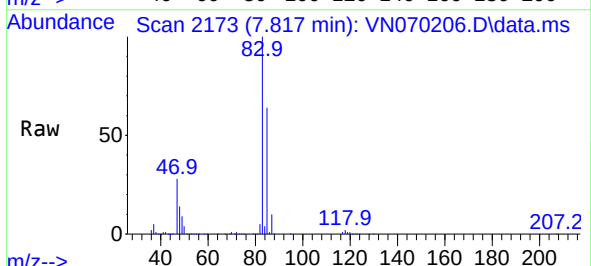
Acq: 18 Dec 2021 11:34

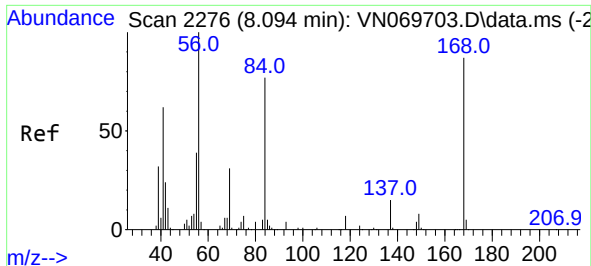
Tgt Ion: 83 Resp: 1091257

Ion Ratio Lower Upper

83 100

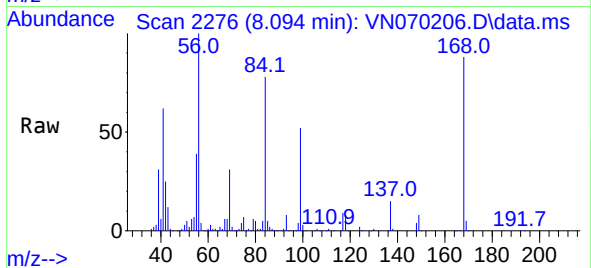
85 63.6 51.9 77.9





#31
Cyclohexane
Concen: 48.37 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

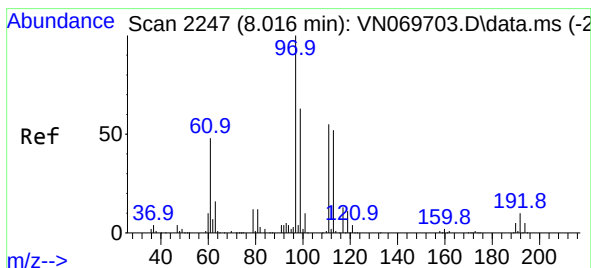
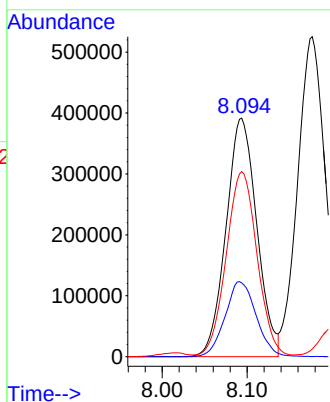
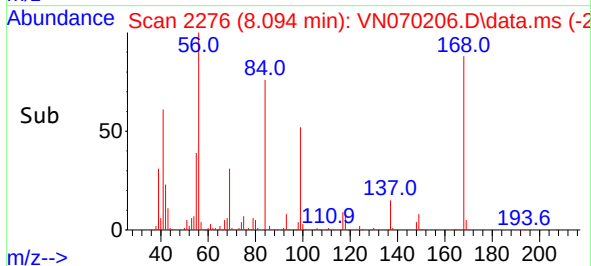
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



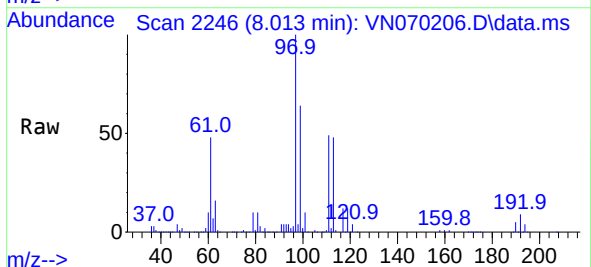
Tgt Ion: 56 Resp: 987369
Ion Ratio Lower Upper
56 100
69 30.9 27.1 40.7
84 76.0 73.4 110.0

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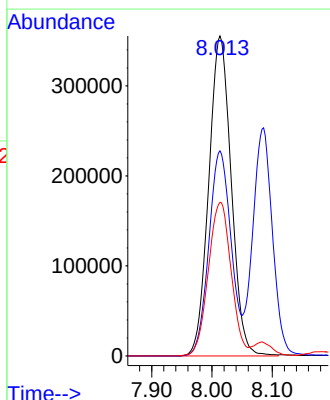
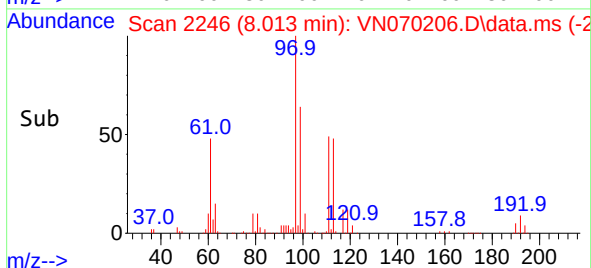
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

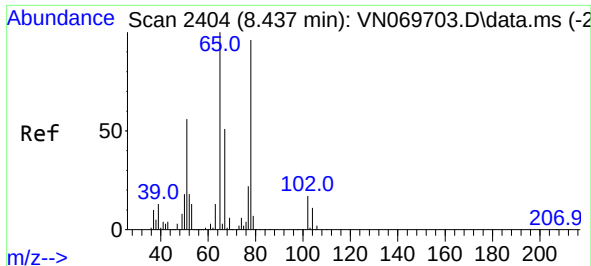


#32
1,1,1-Trichloroethane
Concen: 51.79 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



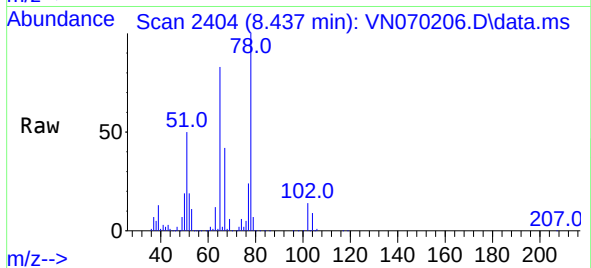
Tgt Ion: 97 Resp: 919754
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 48.8 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 45.92 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

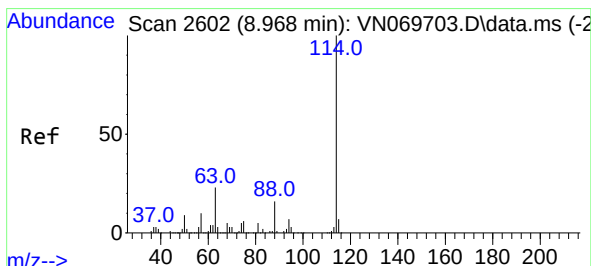
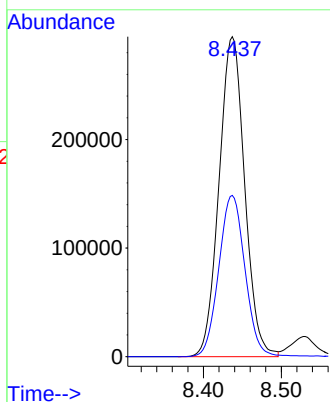
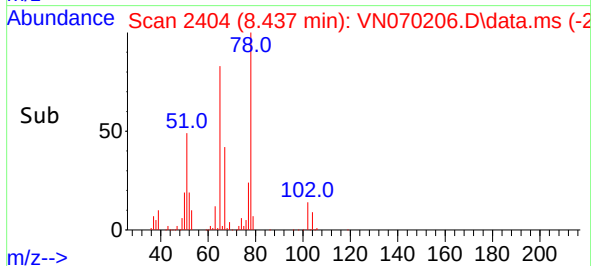
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



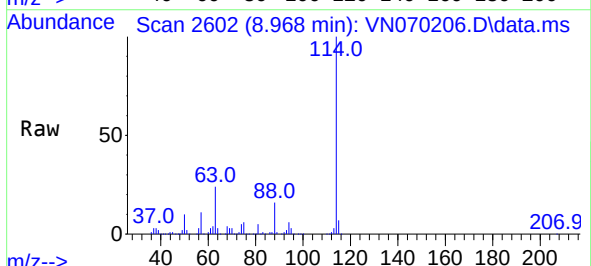
Tgt Ion: 65 Resp: 673489
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.0

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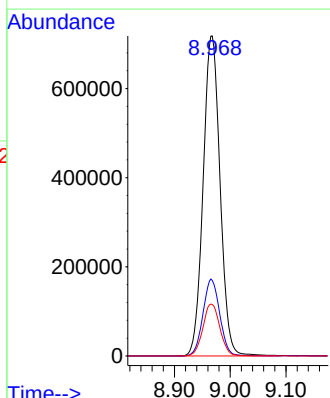
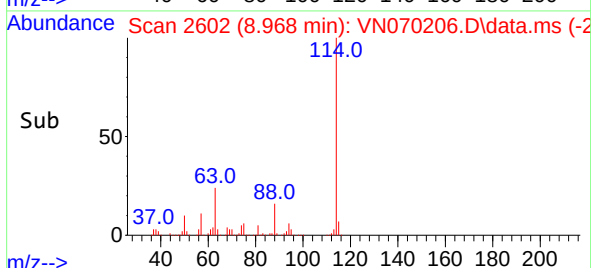
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

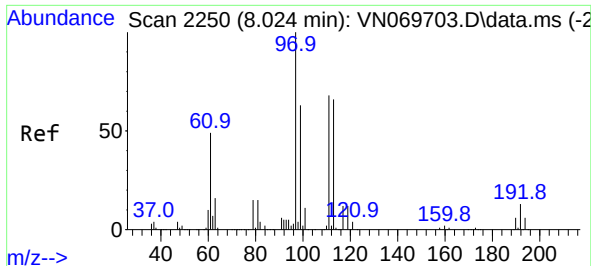


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



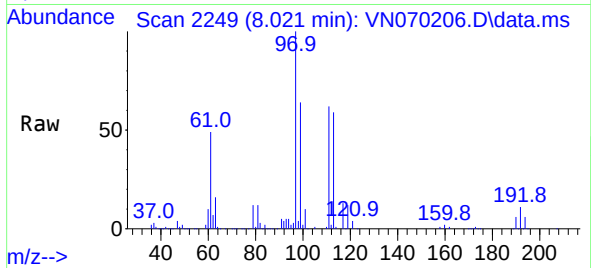
Tgt Ion:114 Resp: 1514019
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.01 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

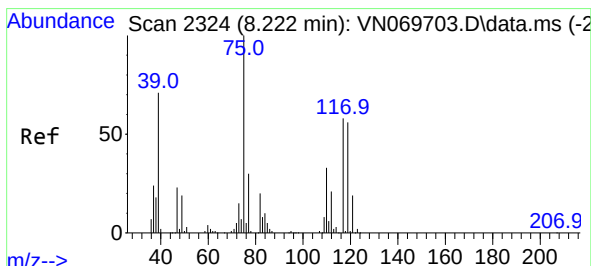
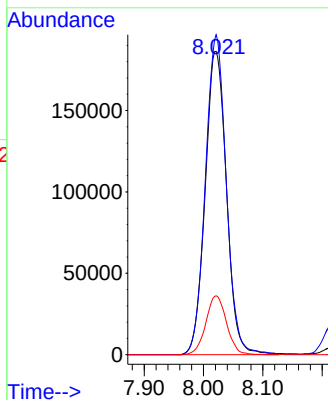
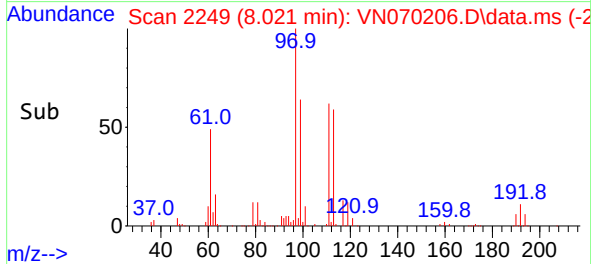
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



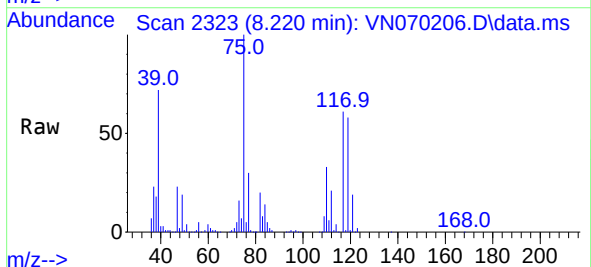
Tgt Ion:113 Resp: 46482
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.9 16.9 25.3

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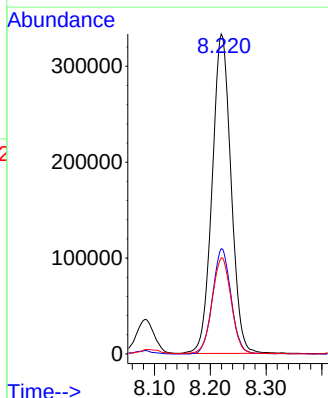
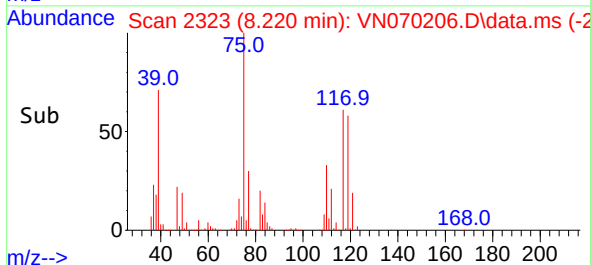
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

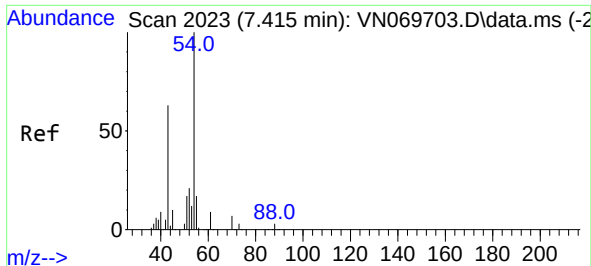


#36
1,1-Dichloropropene
Concen: 54.33 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 75 Resp: 783016
Ion Ratio Lower Upper
75 100
110 32.3 18.4 55.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 50.72 ug/l
RT: 7.412 min Scan# 2023
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

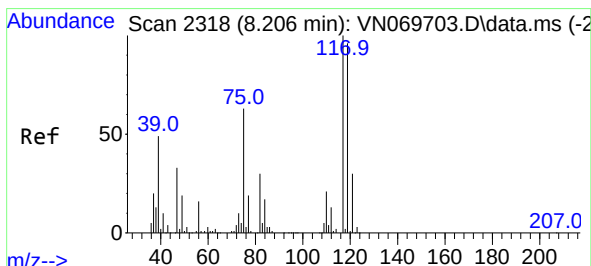
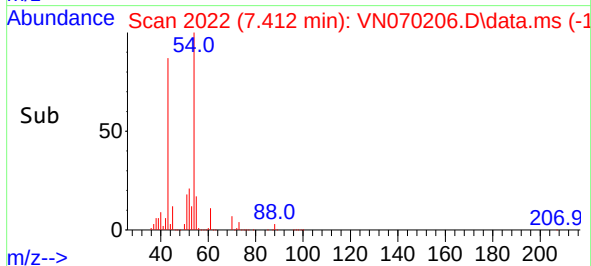
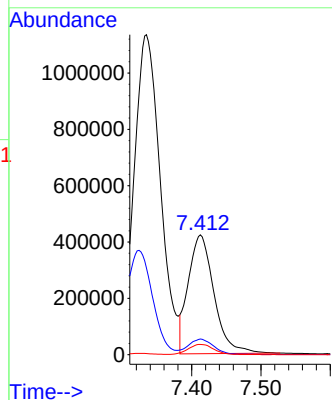
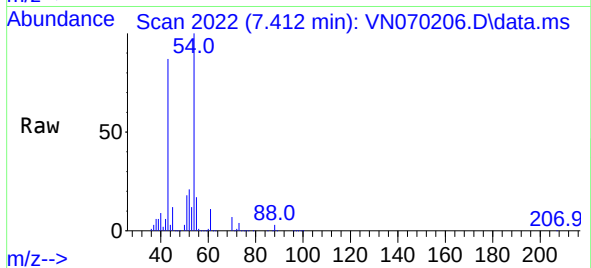
VSTDCCC050

Tgt Ion: 43 Resp: 108809
Ion Ratio Lower Upper
43 100
61 12.5 11.5 17.3
70 8.5 7.9 11.9

Manual Integrations

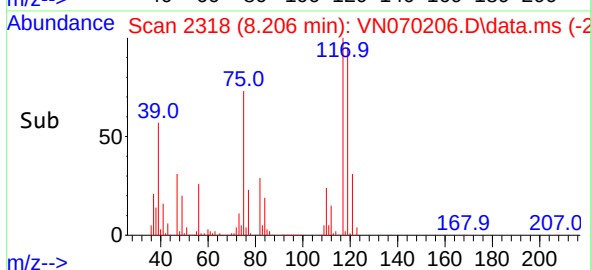
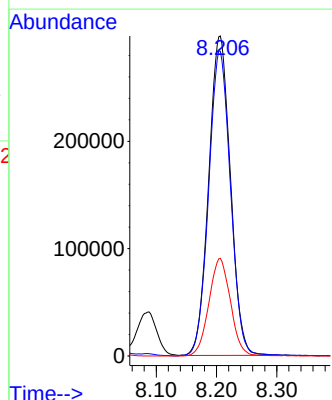
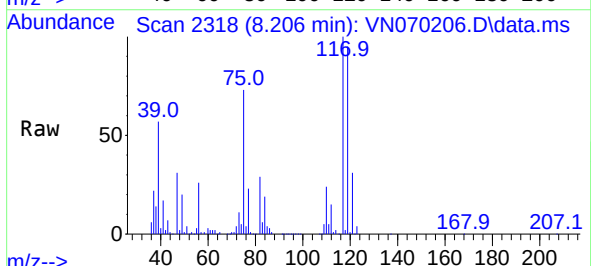
APPROVED

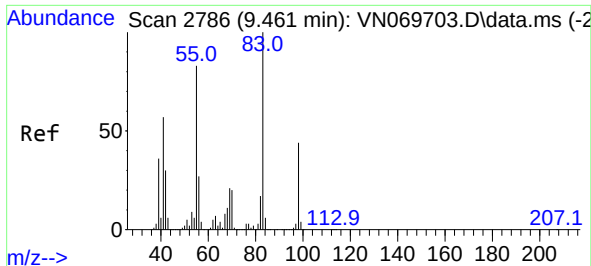
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#38
Carbon Tetrachloride
Concen: 52.70 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

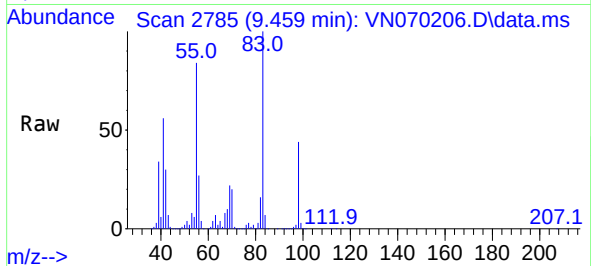
Tgt Ion:117 Resp: 744863
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 30.6 24.2 36.2





#39
Methylcyclohexane
Concen: 53.96 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

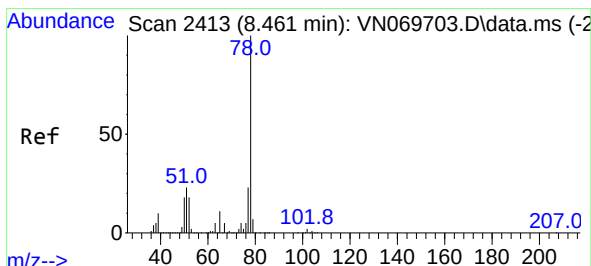
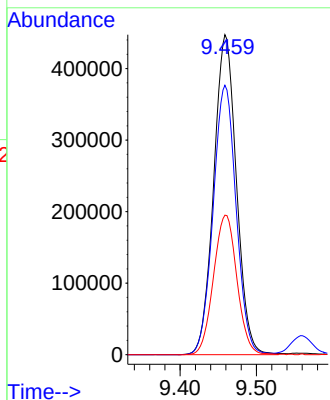
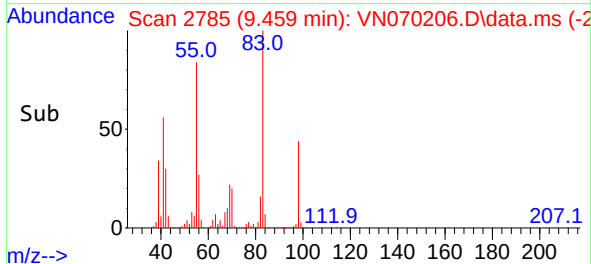
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



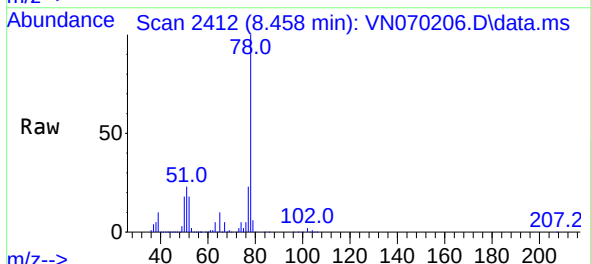
Tgt Ion: 83 Resp: 925060
Ion Ratio Lower Upper
83 100
55 84.2 58.1 87.1
98 43.6 38.4 57.6

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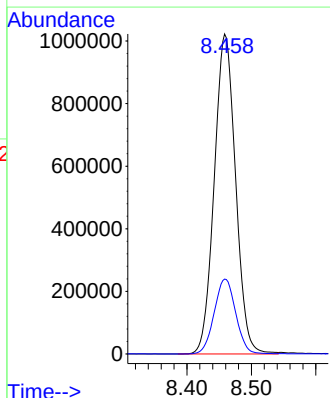
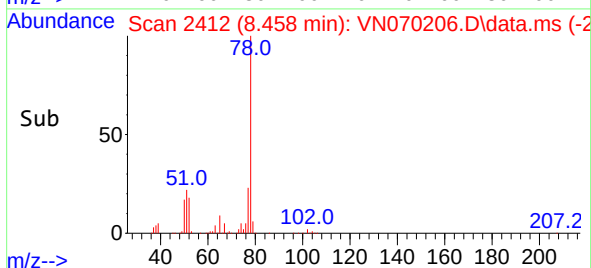
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

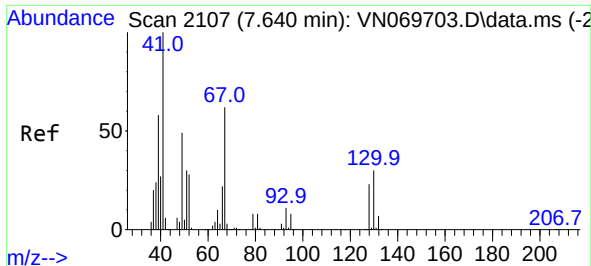


#40
Benzene
Concen: 53.33 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 78 Resp: 2349395
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





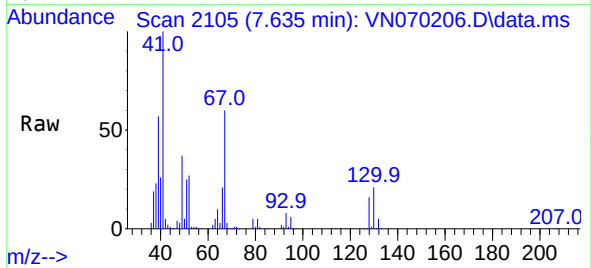
#41
Methacrylonitrile
Concen: 56.83 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. -0.005 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

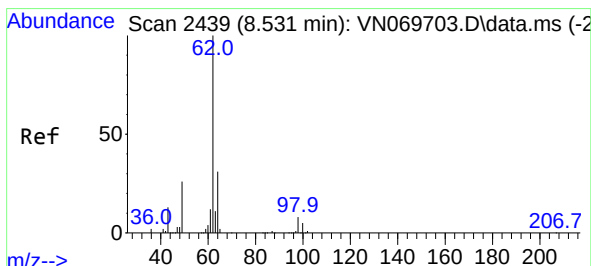
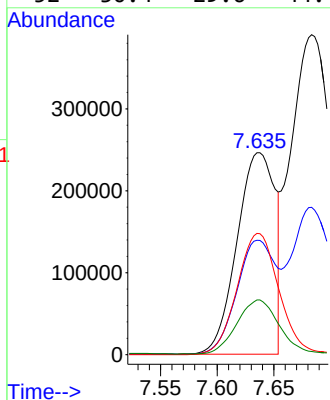
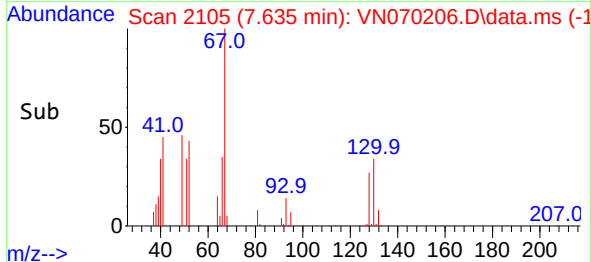


Tgt Ion: 41 Resp: 572285
Ion Ratio Lower Upper
41 100
39 59.1 48.1 72.1
67 66.8 68.3 102.5
52 30.4 29.6 44.4

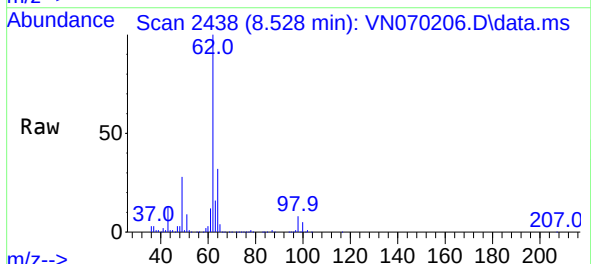
Manual Integrations

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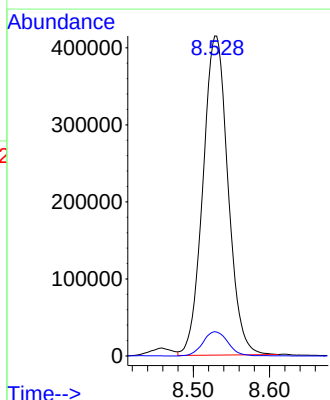
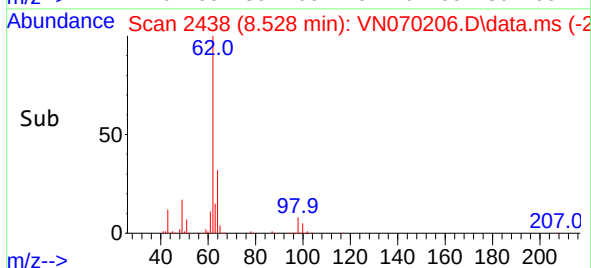
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

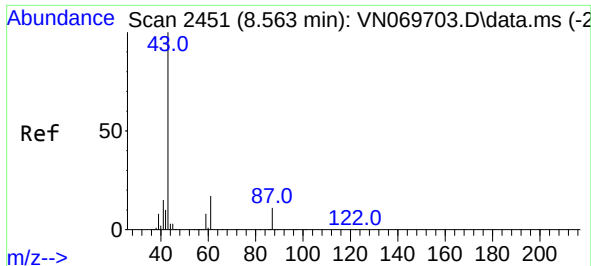


#42
1,2-Dichloroethane
Concen: 53.19 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 62 Resp: 945871
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





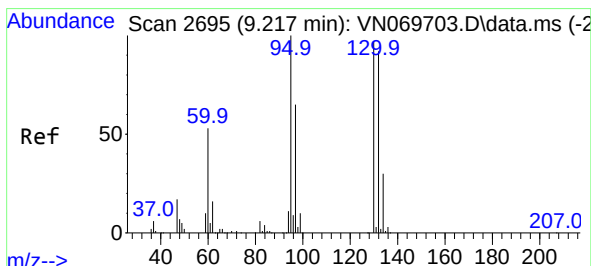
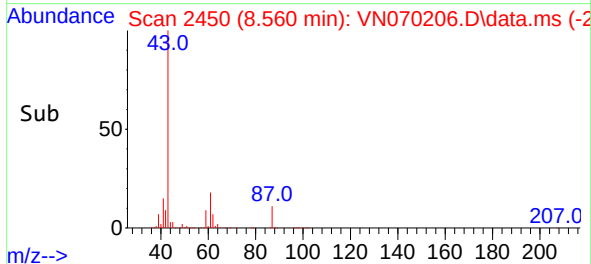
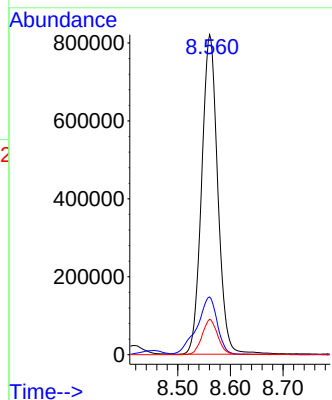
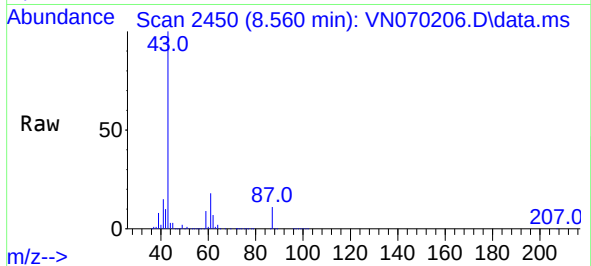
#43
Isopropyl Acetate
Concen: 54.84 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1740972
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 10.8 11.2 16.8

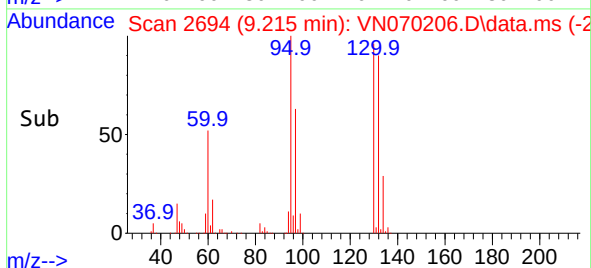
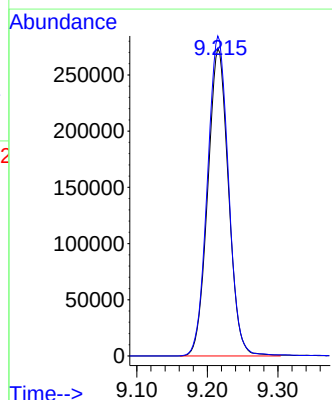
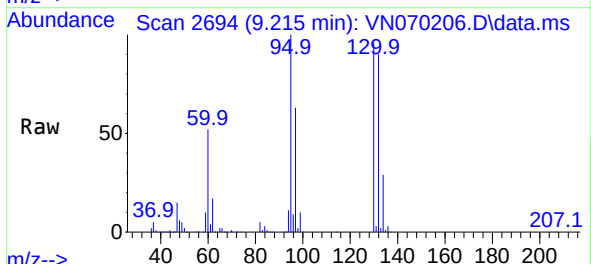
Manual Integrations
APPROVED

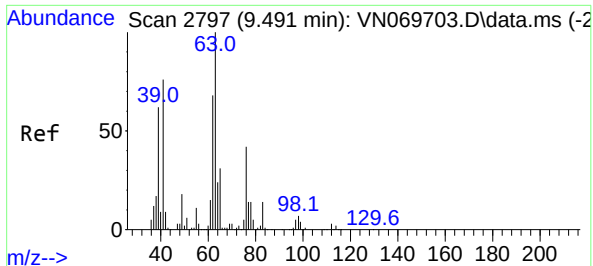
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#44
Trichloroethene
Concen: 53.10 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Tgt Ion:130 Resp: 558316
Ion Ratio Lower Upper
130 100
95 104.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 56.72 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN070206.D

Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 671019

Ion Ratio Lower Upper

63 100

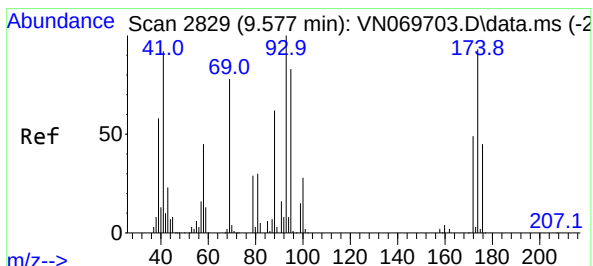
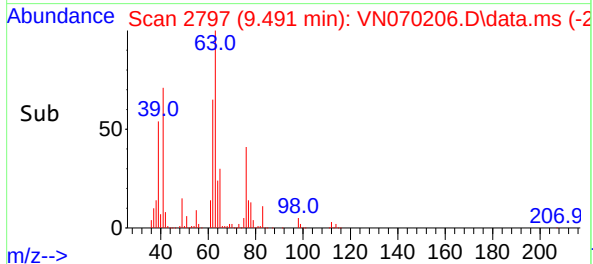
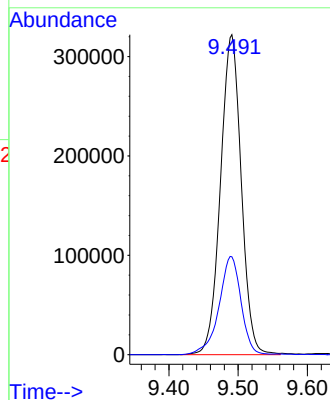
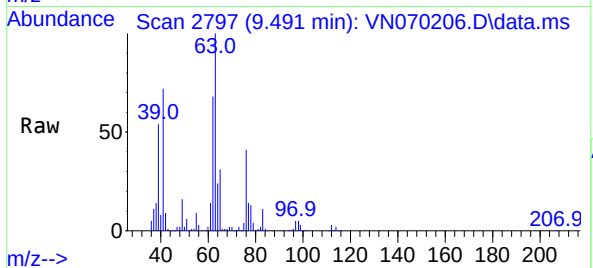
65 30.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#46

Dibromomethane

Concen: 52.87 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070206.D

Acq: 18 Dec 2021 11:34

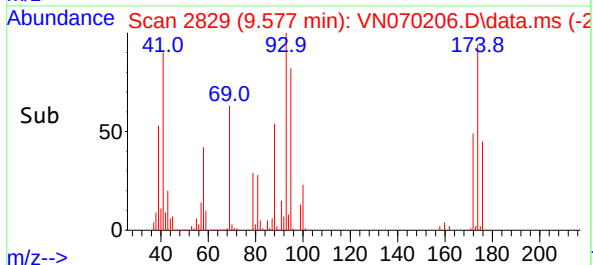
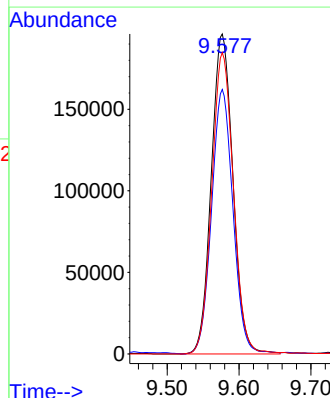
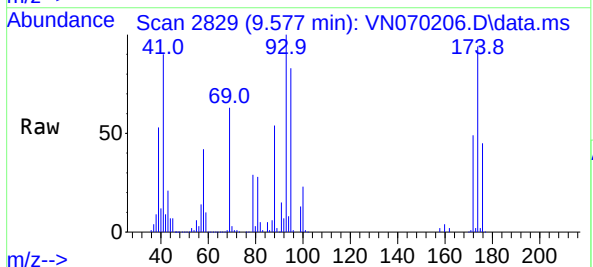
Tgt Ion: 93 Resp: 410242

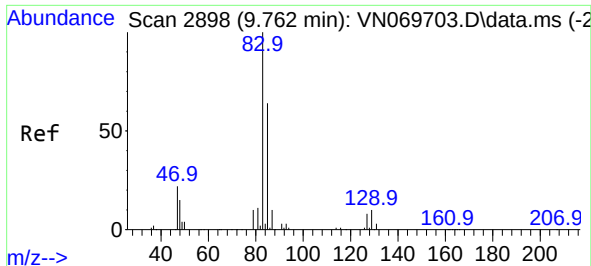
Ion Ratio Lower Upper

93 100

95 82.1 65.9 98.9

174 94.3 84.6 127.0





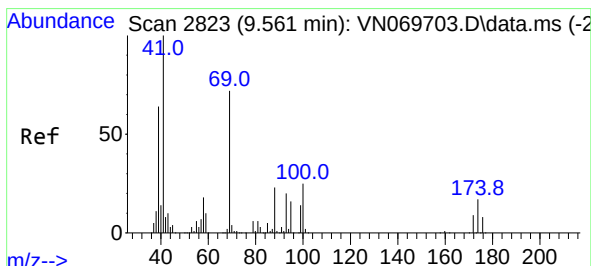
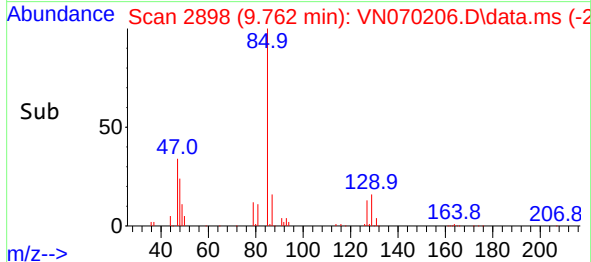
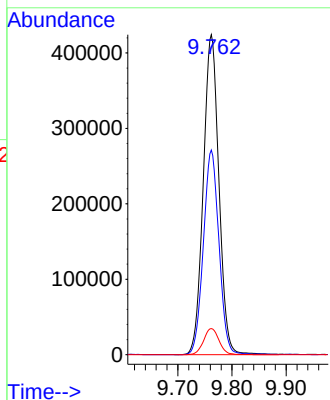
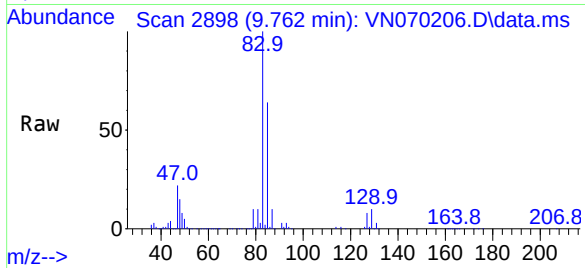
#47
Bromodichloromethane
Concen: 57.86 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 84998
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 8.2 7.1 10.7

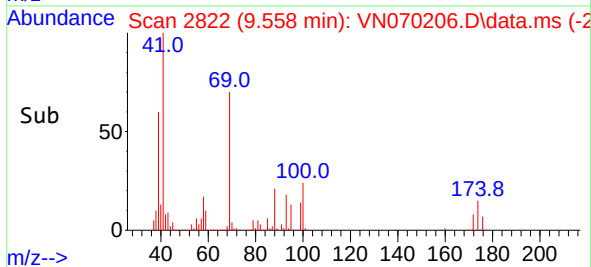
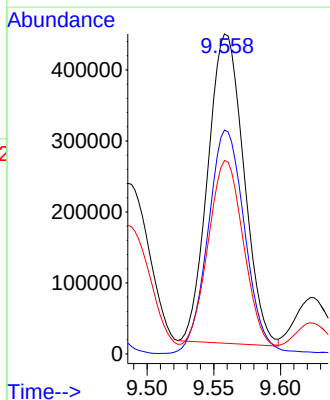
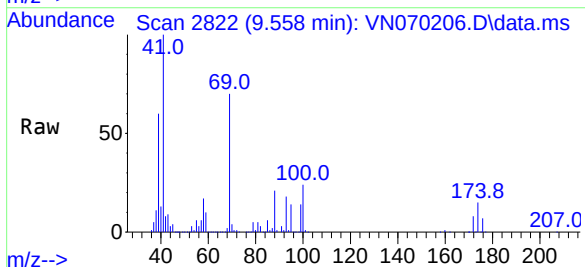
Manual Integrations
APPROVED

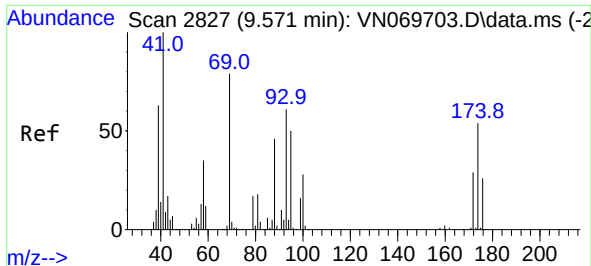
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#48
Methyl methacrylate
Concen: 55.08 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

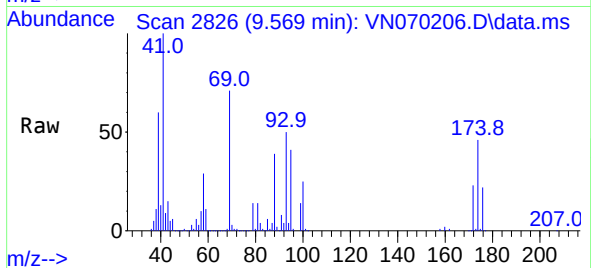
Tgt Ion: 41 Resp: 816006
Ion Ratio Lower Upper
41 100
69 74.7 72.4 108.6
39 59.1 58.4 87.6





#49
1,4-Dioxane
Concen: 1032.04 ug/l
RT: 9.569 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

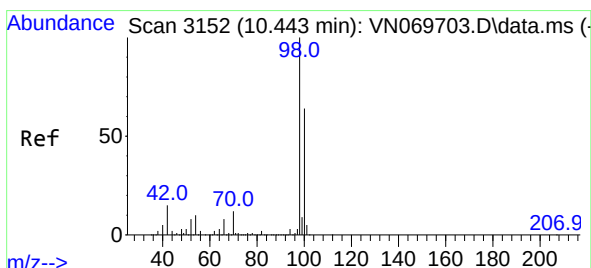
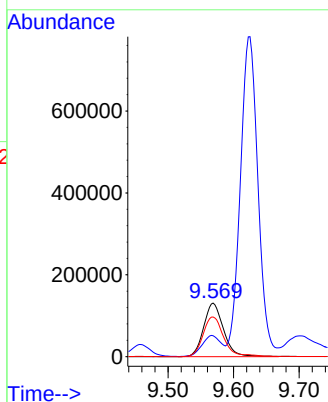
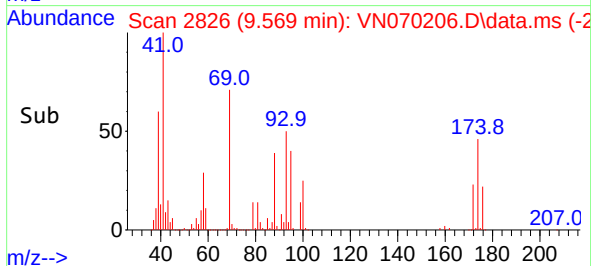
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 274340
Ion Ratio Lower Upper
88 100
43 37.4 23.4 35.2
58 78.5 50.6 75.8

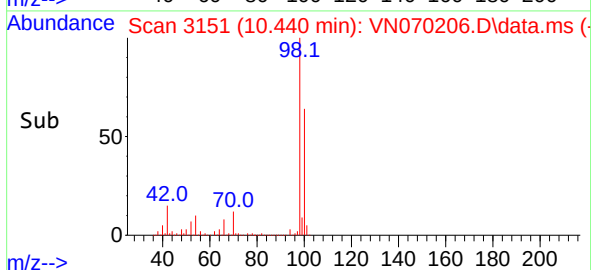
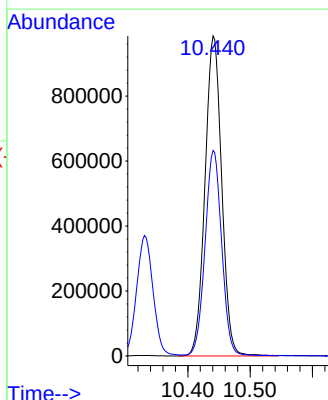
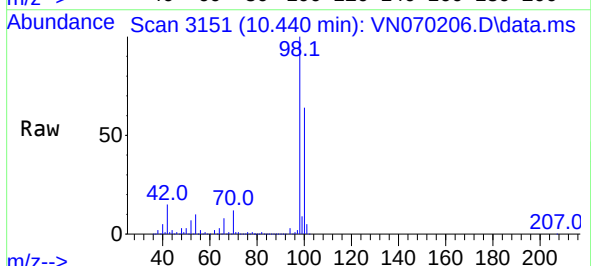
Manual Integrations
APPROVED

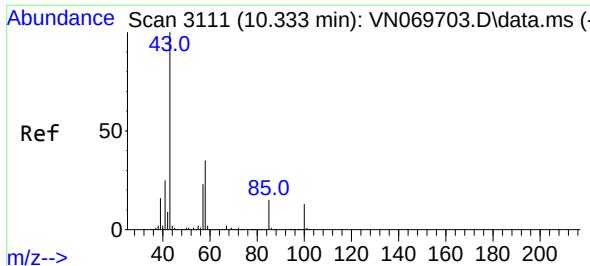
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#50
Toluene-d8
Concen: 48.17 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Tgt Ion: 98 Resp: 1834155
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6





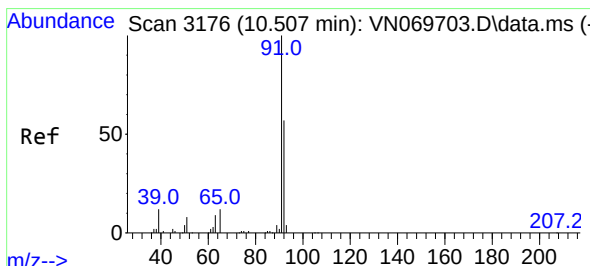
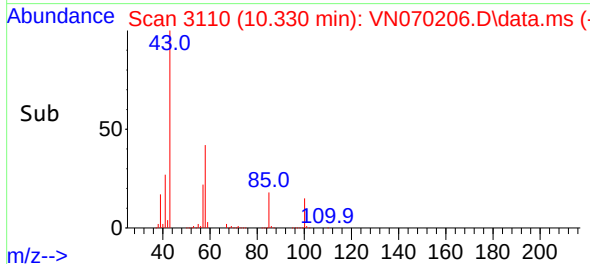
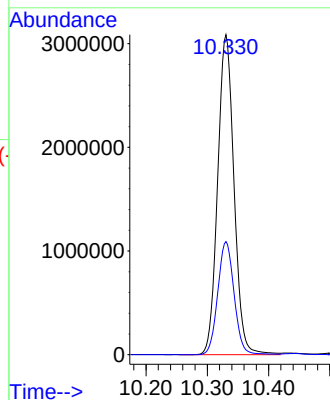
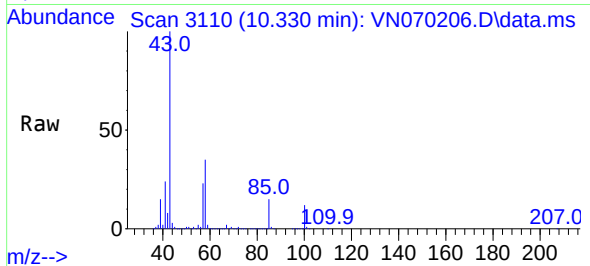
#51
4-Methyl-2-Pentanone
Concen: 277.41 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 5712908
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

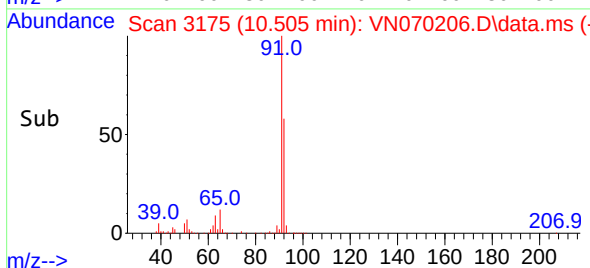
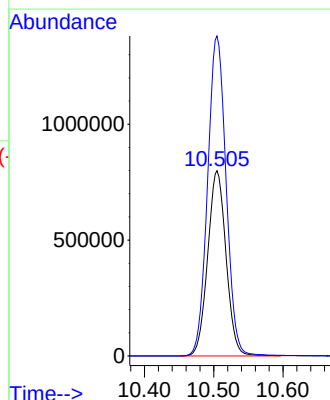
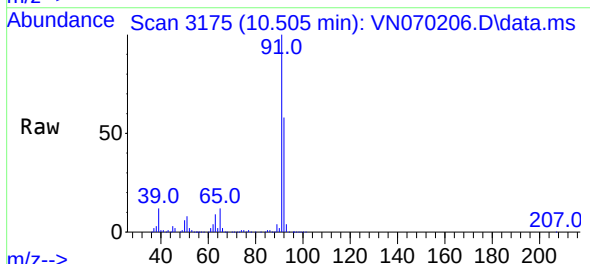
Manual Integrations
APPROVED

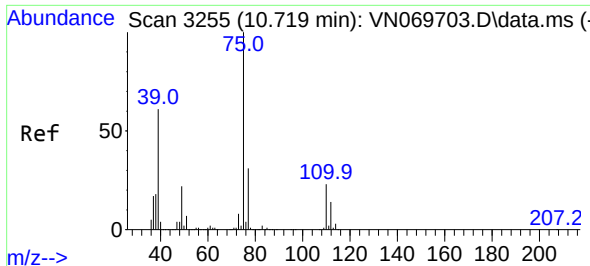
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#52
Toluene
Concen: 54.62 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

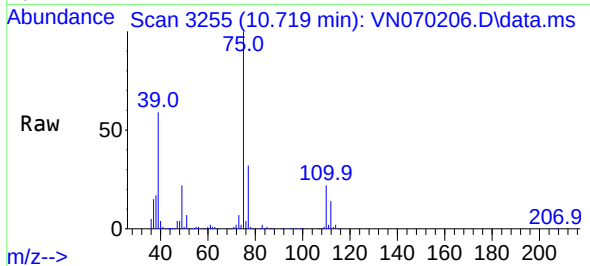
Tgt Ion: 92 Resp: 1469007
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 52.16 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

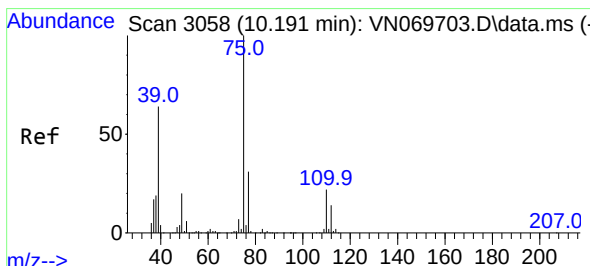
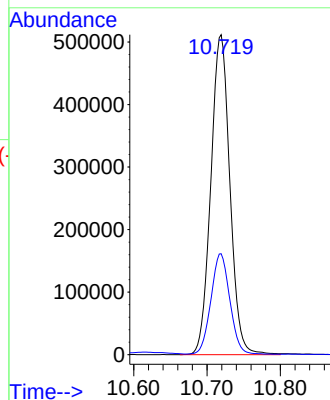
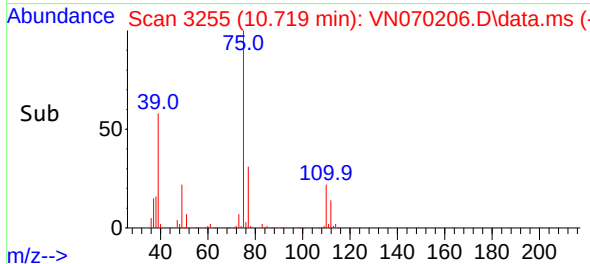
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



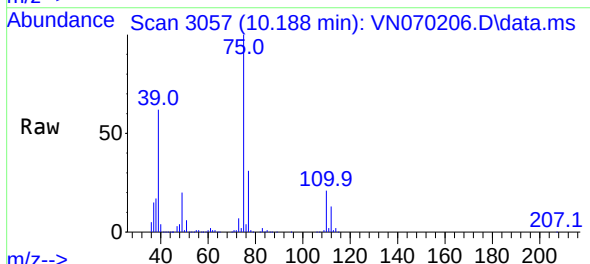
Tgt Ion: 75 Resp: 923978
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
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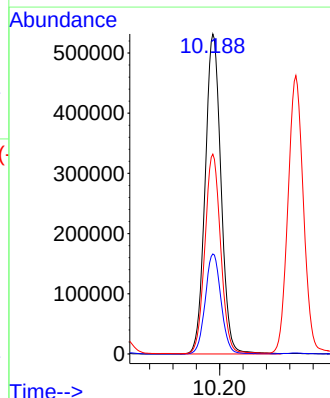
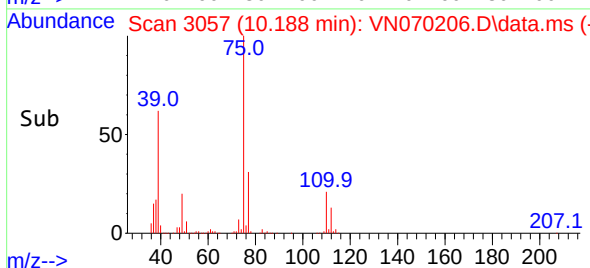
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

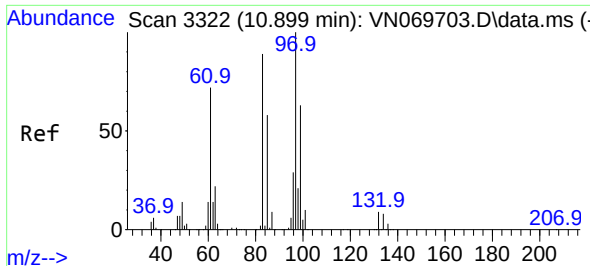


#54
cis-1,3-Dichloropropene
Concen: 53.83 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



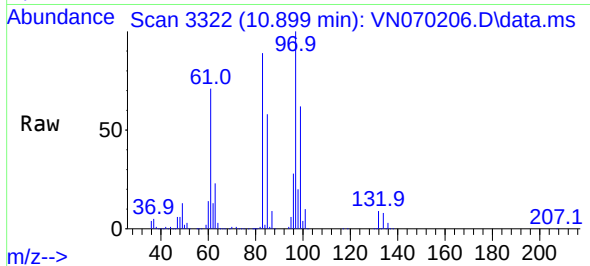
Tgt Ion: 75 Resp: 1001291
Ion Ratio Lower Upper
75 100
77 31.3 26.4 39.6
39 62.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 55.85 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

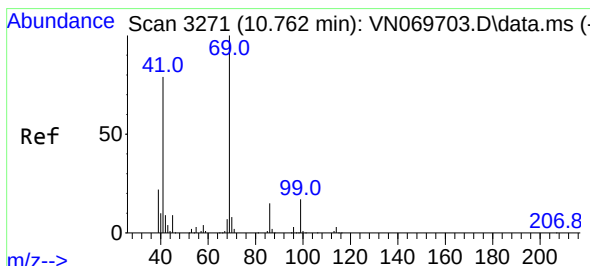
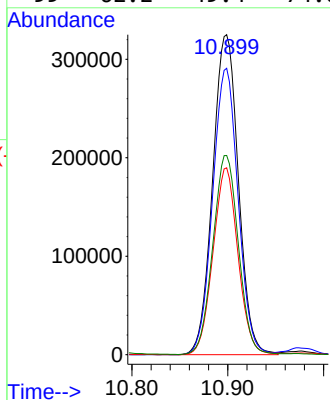
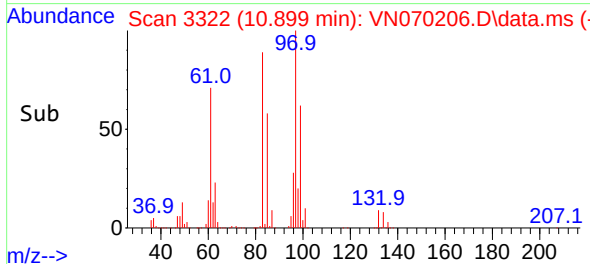
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



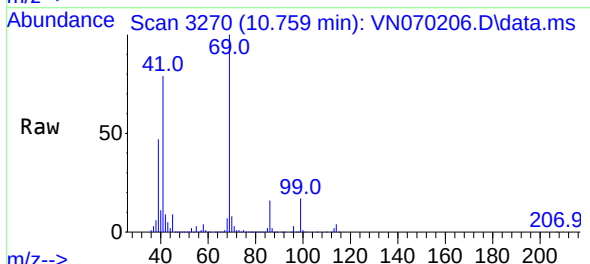
Tgt Ion: 97 Resp: 606108
Ion Ratio Lower Upper
97 100
83 89.5 67.8 101.6
85 58.4 45.4 68.2
99 62.2 49.4 74.0

Manual Integrations
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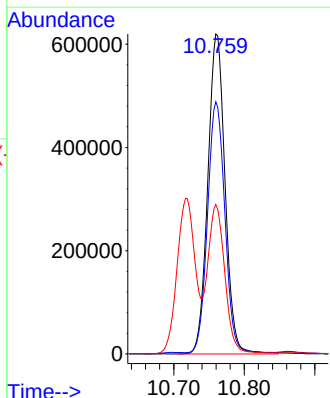
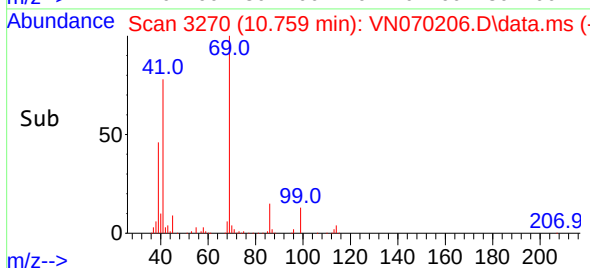
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

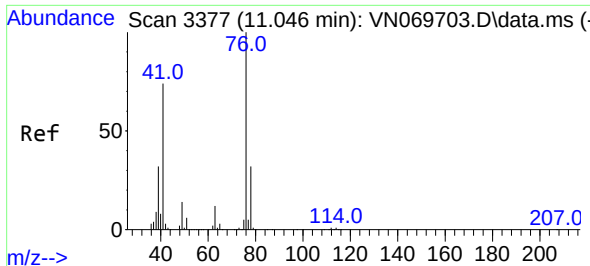


#56
Ethyl methacrylate
Concen: 51.47 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 69 Resp: 1055447
Ion Ratio Lower Upper
69 100
41 78.4 51.4 77.0#
39 45.0 34.6 52.0





#57

1,3-Dichloropropane

Concen: 55.93 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070206.D

Acq: 18 Dec 2021 11:34

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 1068800

Ion Ratio Lower Upper

76 100

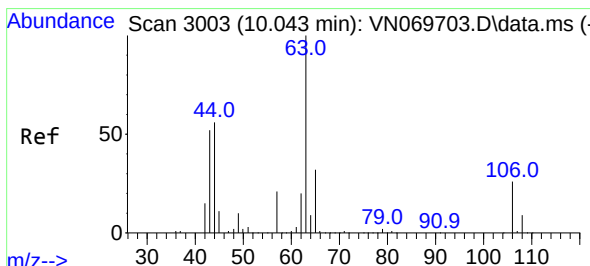
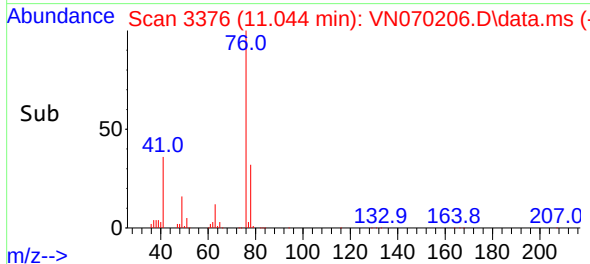
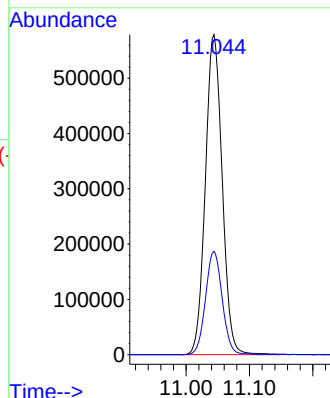
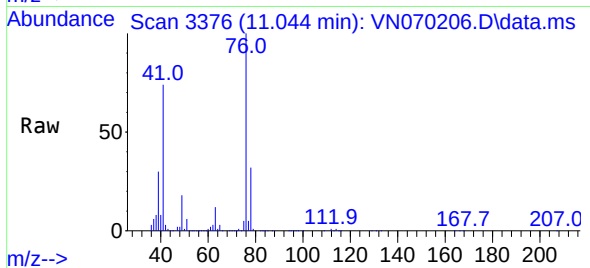
78 32.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/20/2021

Supervised By :Mahesh Dadoda 12/24/2021



#58

2-Chloroethyl Vinyl ether

Concen: 288.80 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070206.D

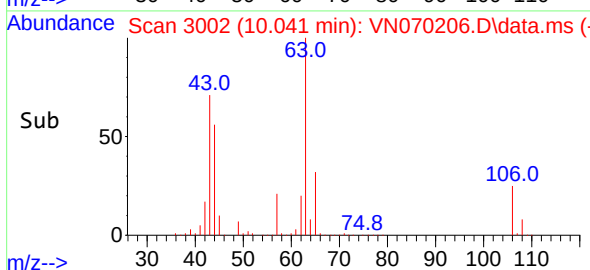
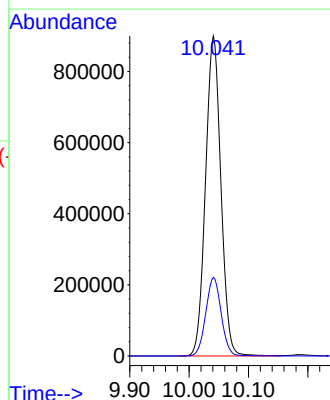
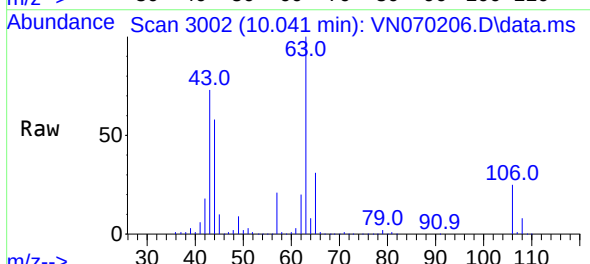
Acq: 18 Dec 2021 11:34

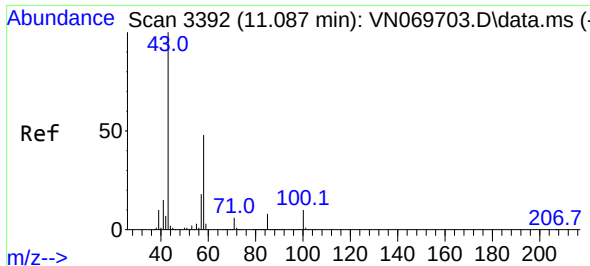
Tgt Ion: 63 Resp: 1613985

Ion Ratio Lower Upper

63 100

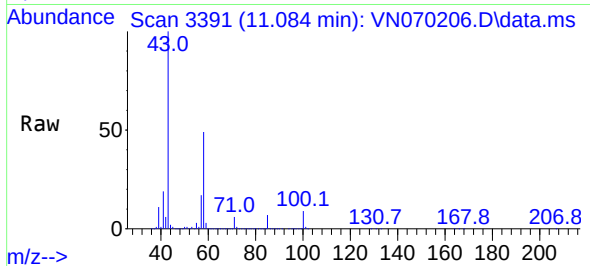
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 277.97 ug/l
RT: 11.084 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

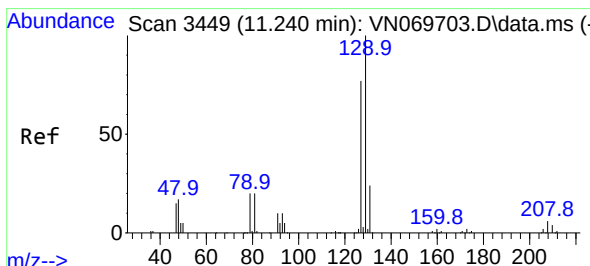
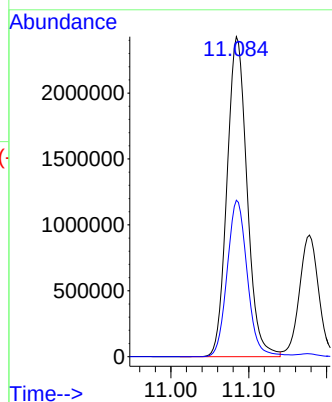
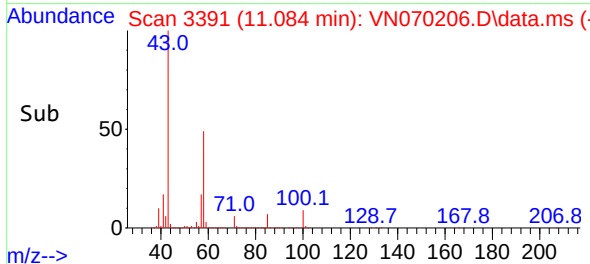
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 433044
Ion Ratio Lower Upper
43 100
58 49.2 26.9 80.7

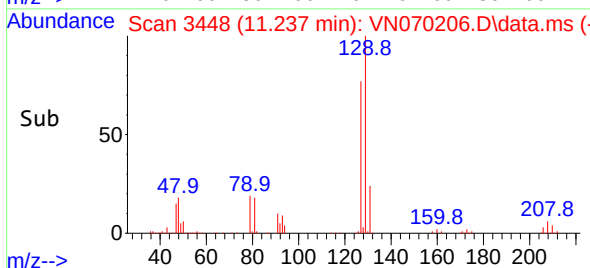
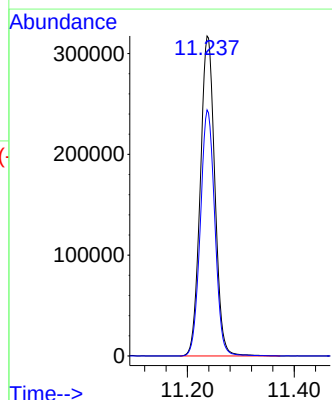
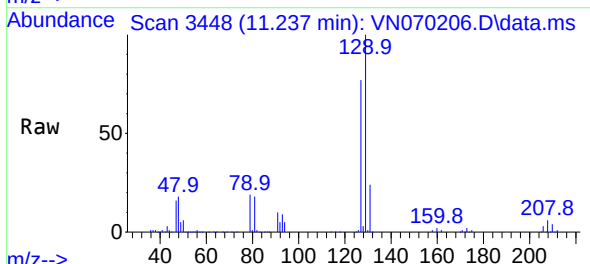
Manual Integrations
APPROVED

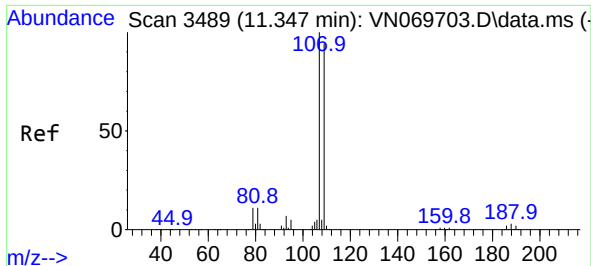
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#60
Dibromochloromethane
Concen: 51.52 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

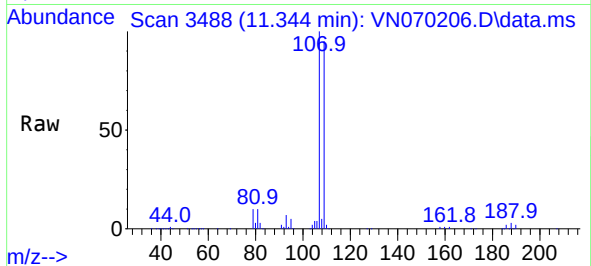
Tgt Ion:129 Resp: 599877
Ion Ratio Lower Upper
129 100
127 76.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 54.26 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

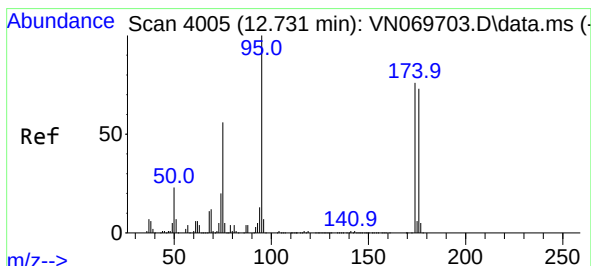
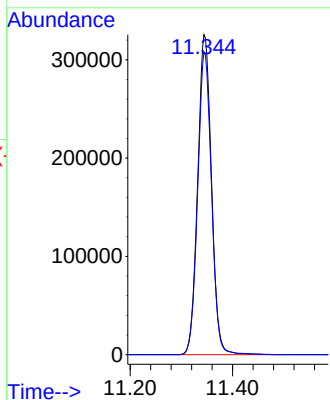
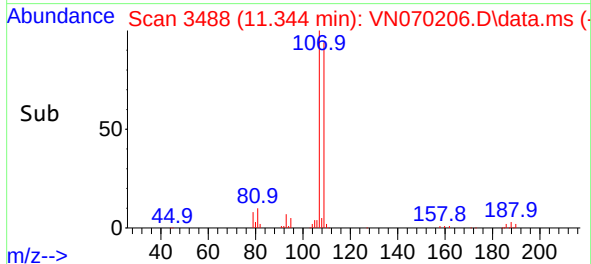
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



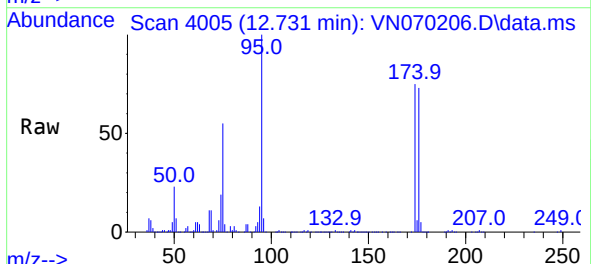
Tgt Ion:107 Resp: 60984
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

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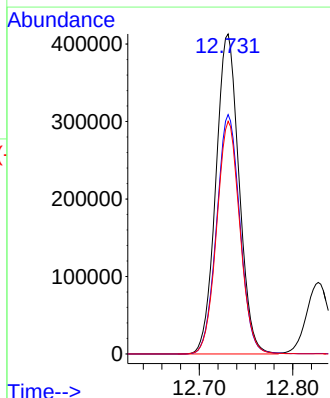
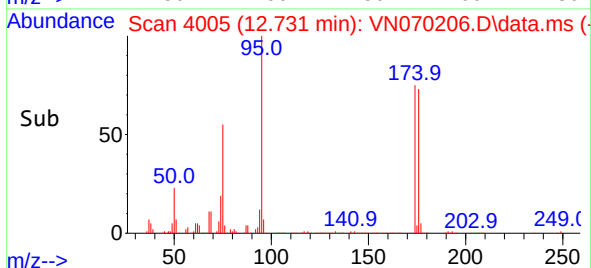
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

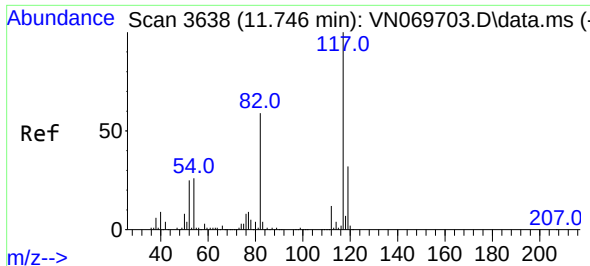


#62
4-Bromofluorobenzene
Concen: 51.63 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



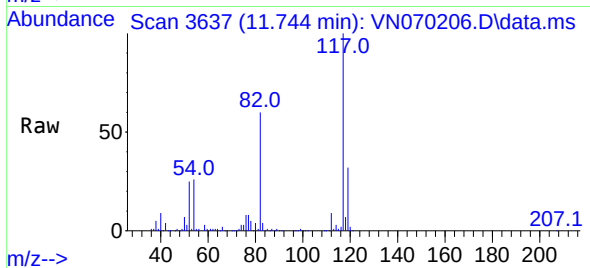
Tgt Ion: 95 Resp: 712248
Ion Ratio Lower Upper
95 100
174 75.4 0.0 187.2
176 72.7 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

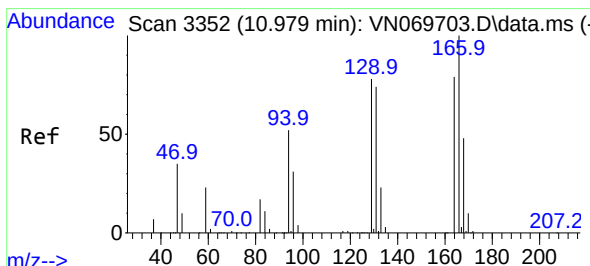
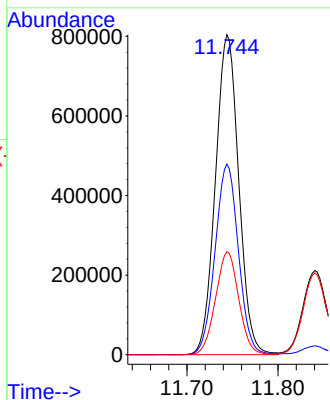
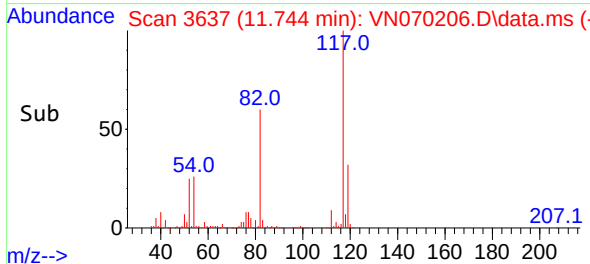
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



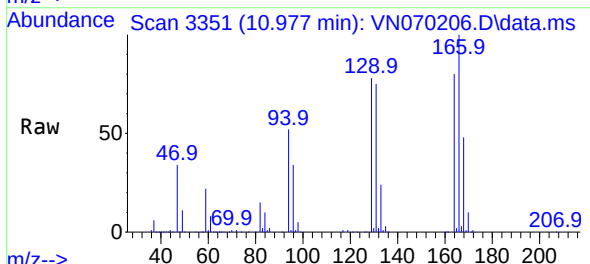
Tgt Ion:117 Resp: 143026
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 32.2 25.4 38.2

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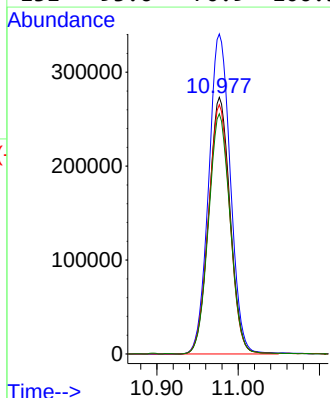
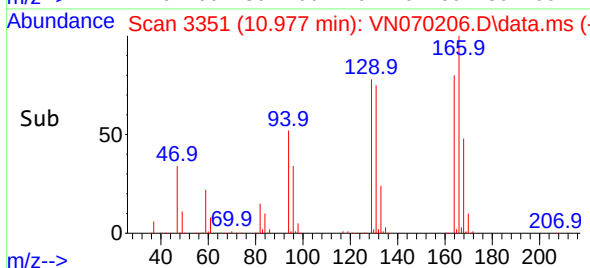
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

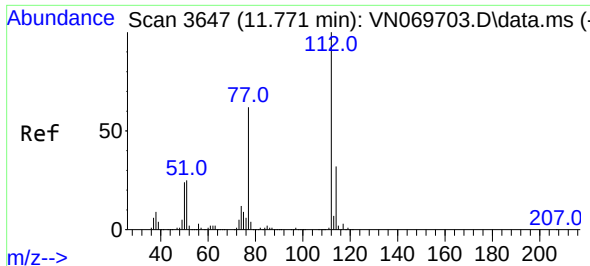


#64
Tetrachloroethene
Concen: 51.67 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



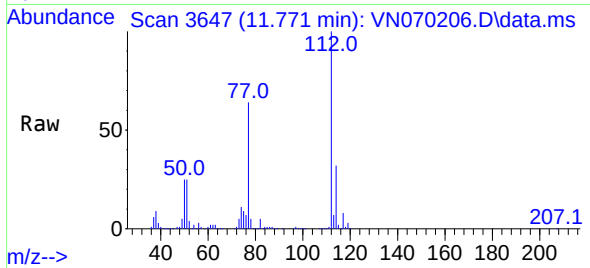
Tgt Ion:164 Resp: 501077
Ion Ratio Lower Upper
164 100
166 124.7 101.9 152.9
129 97.2 72.0 108.0
131 93.6 70.9 106.3





#65
Chlorobenzene
Concen: 54.25 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

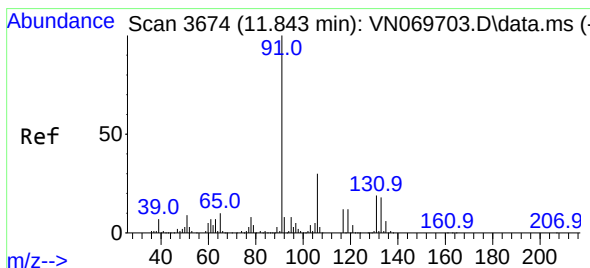
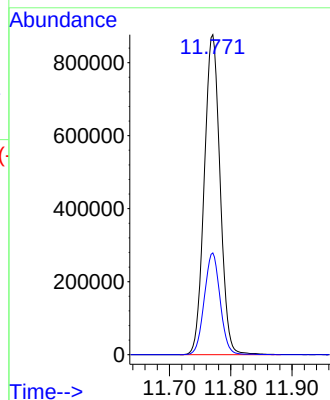
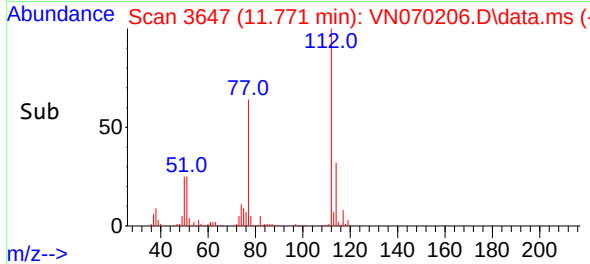
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



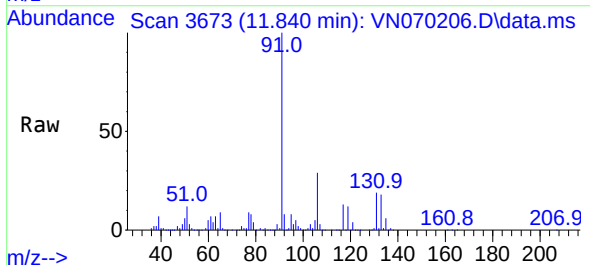
Tgt Ion:112 Resp: 1573972
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

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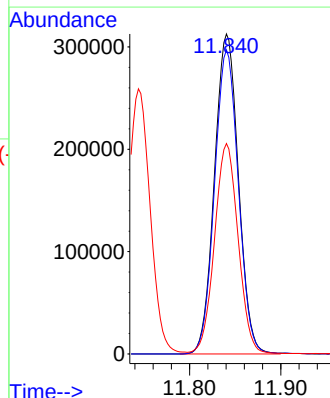
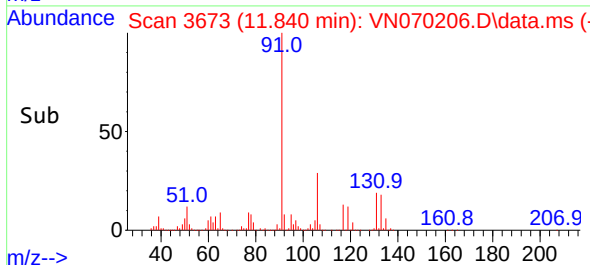
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

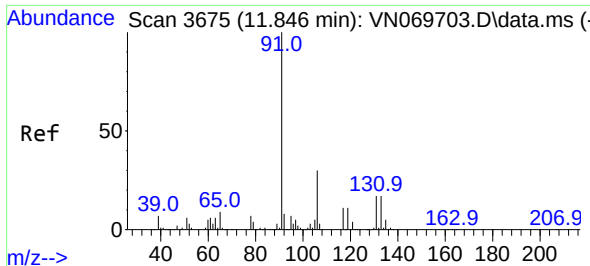


#66
1,1,1,2-Tetrachloroethane
Concen: 55.87 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



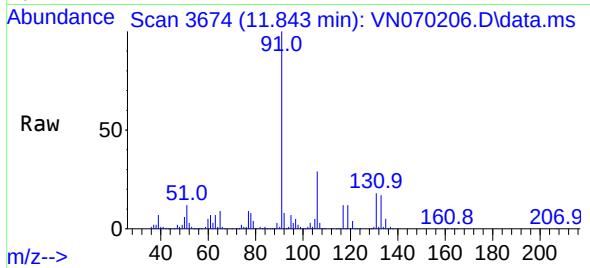
Tgt Ion:131 Resp: 570548
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 64.8 32.1 96.5





#67
Ethyl Benzene
Concen: 56.38 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

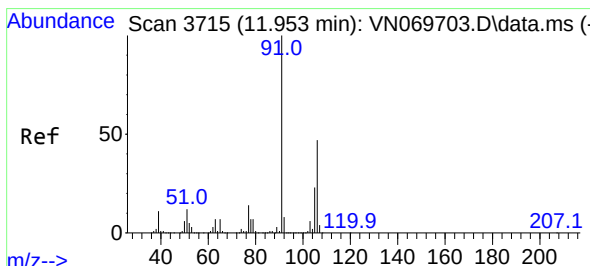
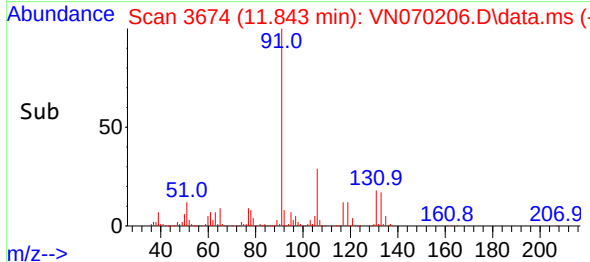
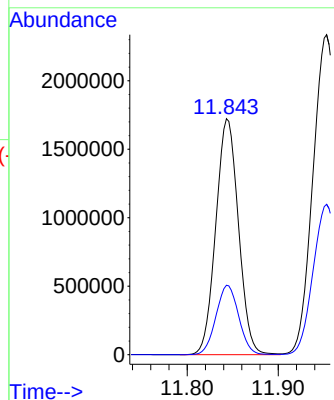
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2971386
Ion Ratio Lower Upper
91 100
106 29.4 25.7 38.5

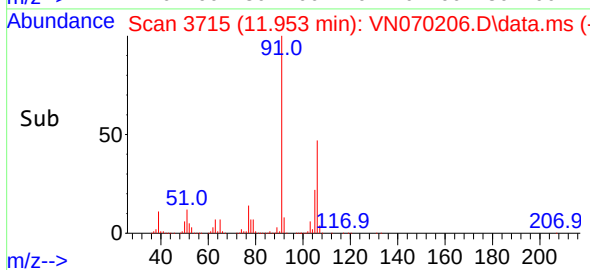
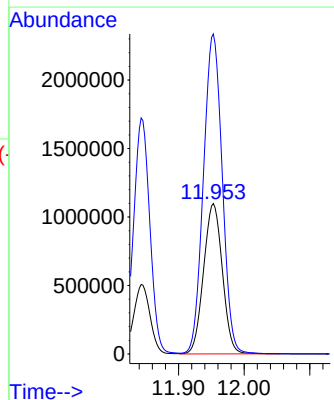
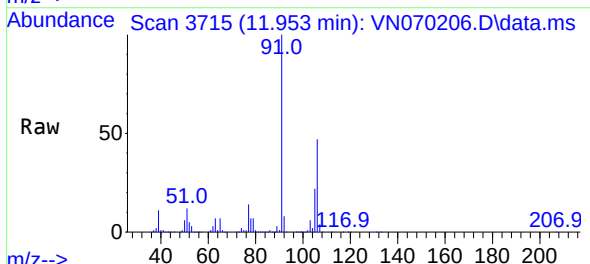
Manual Integrations
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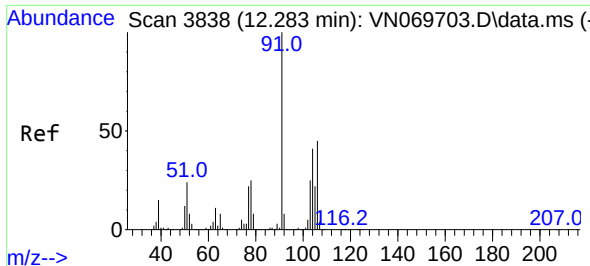
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#68
m/p-Xylenes
Concen: 113.45 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Tgt Ion:106 Resp: 2177295
Ion Ratio Lower Upper
106 100
91 213.5 160.6 240.8





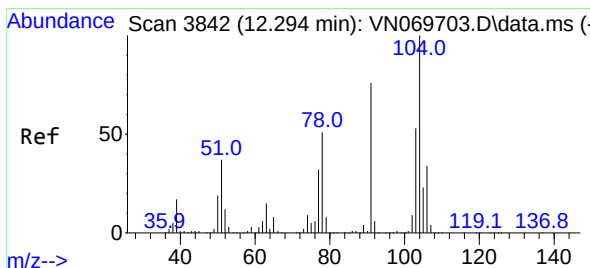
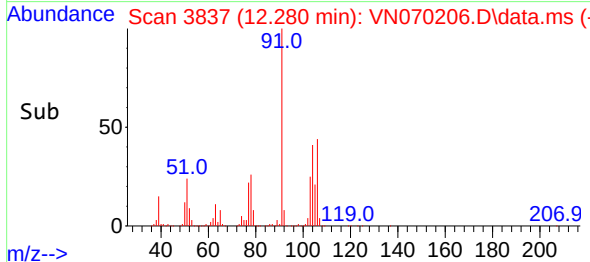
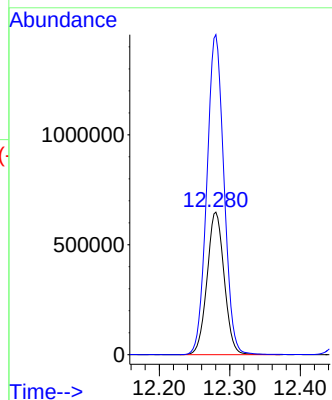
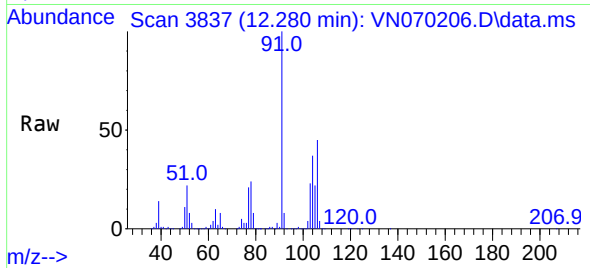
#69
o-Xylene
Concen: 56.67 ug/l
RT: 12.280 min Scan# 3838
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 109553
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

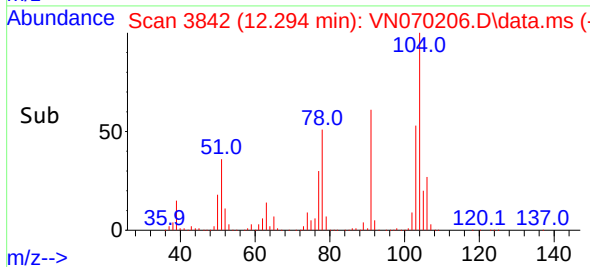
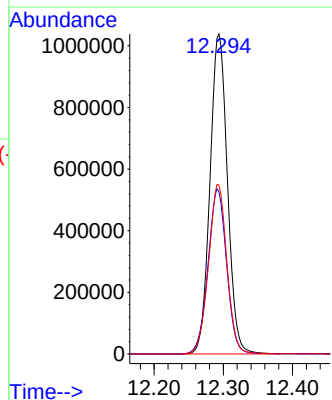
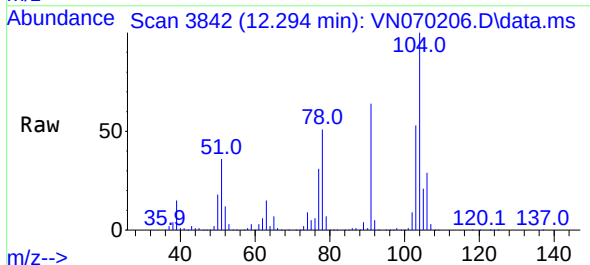
Manual Integrations
APPROVED

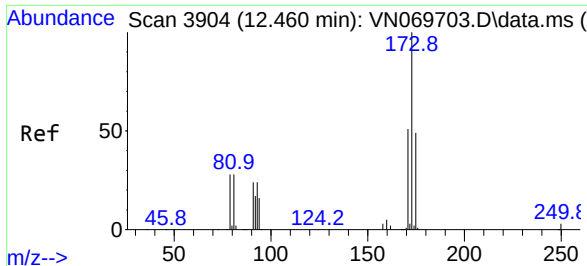
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#70
Styrene
Concen: 59.46 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

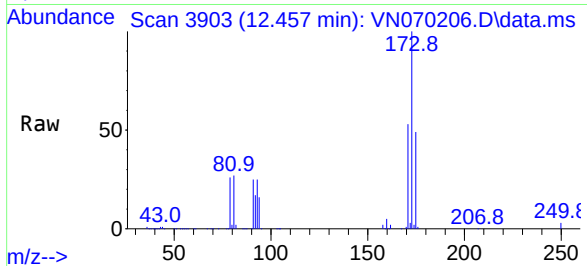
Tgt Ion:104 Resp: 1822454
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 55.7 45.0 67.6





#71
Bromoform
Concen: 50.23 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

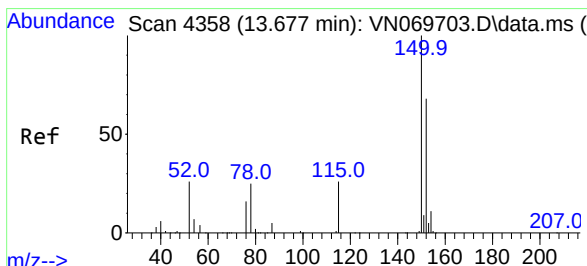
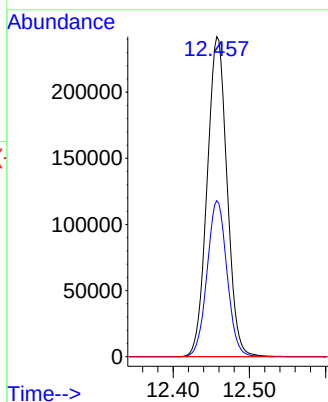
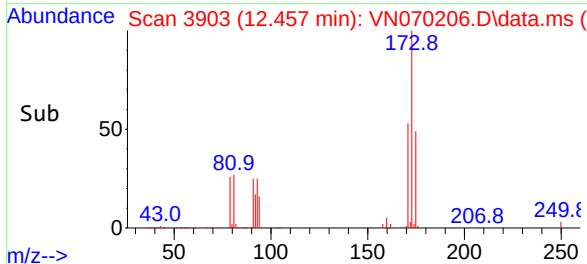
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



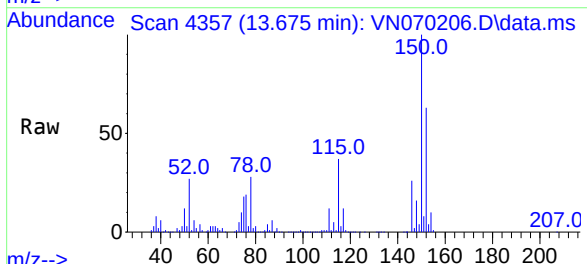
Tgt Ion:173 Resp: 438890
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

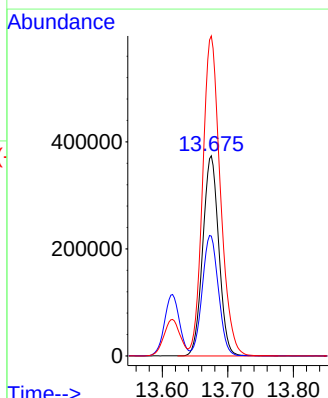
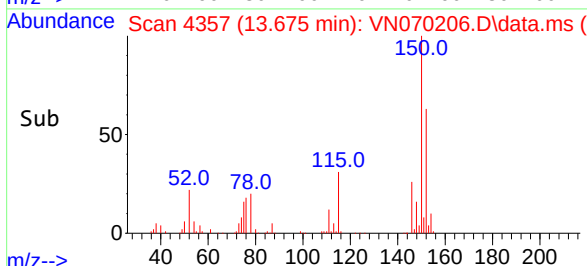
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

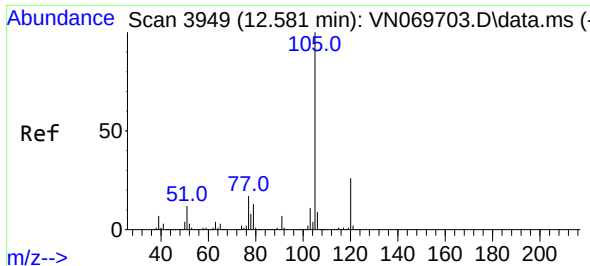


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion:152 Resp: 634439
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 176.3 0.0 344.4





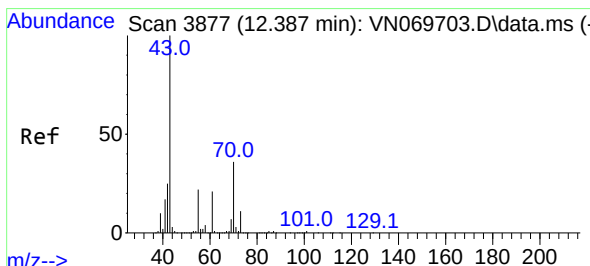
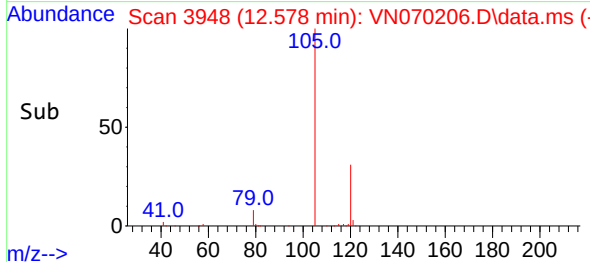
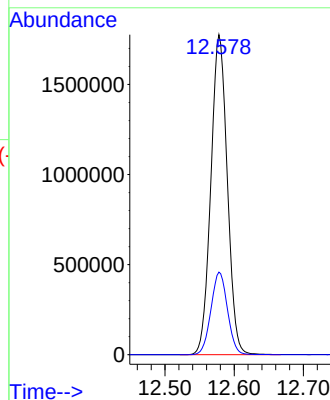
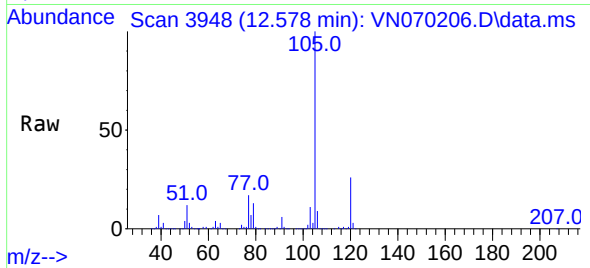
#73
Isopropylbenzene
Concen: 51.90 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 292934
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

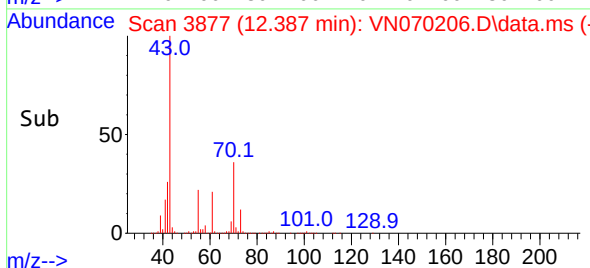
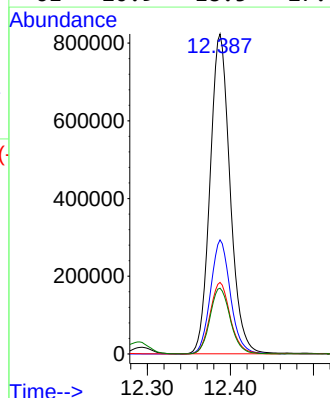
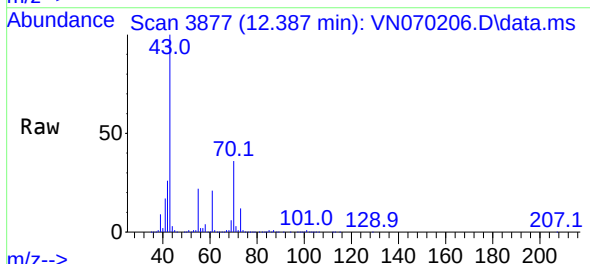
Manual Integrations
APPROVED

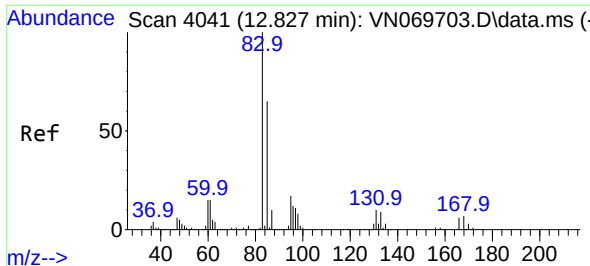
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#74
N-amy1 acetate
Concen: 55.02 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

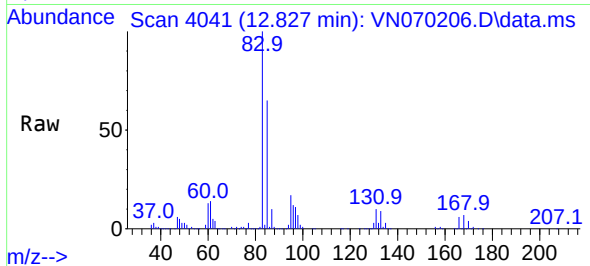
Tgt Ion: 43 Resp: 1373541
Ion Ratio Lower Upper
43 100
70 35.6 33.4 50.0
55 22.6 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 49.72 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

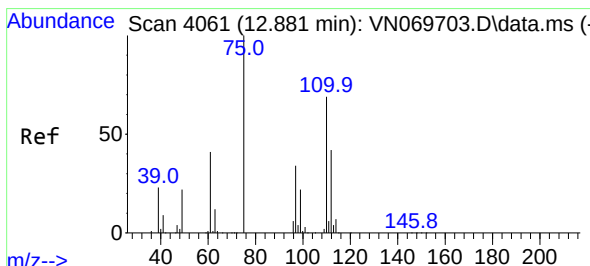
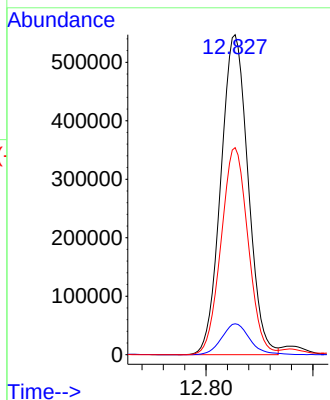
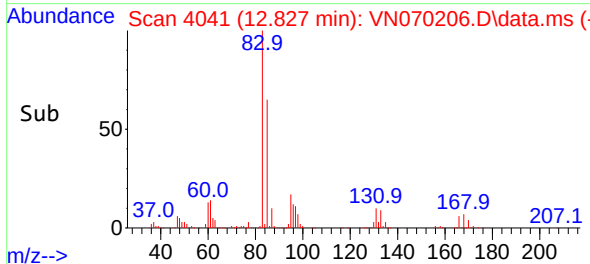
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



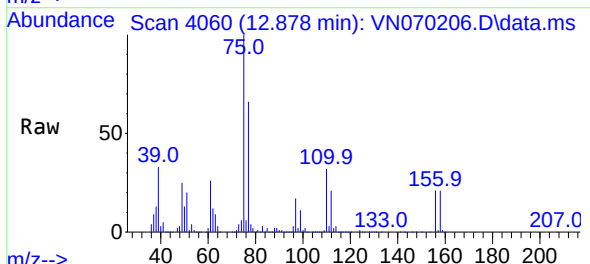
Tgt Ion: 83 Resp: 970480
Ion Ratio Lower Upper
83 100
131 9.9 5.5 16.5
85 64.1 32.4 97.2

Manual Integrations
APPROVED

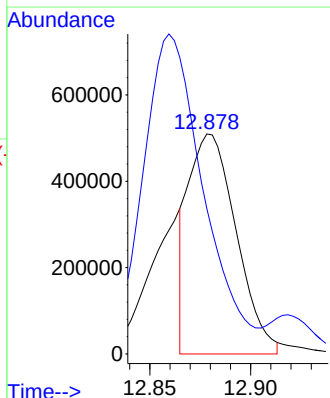
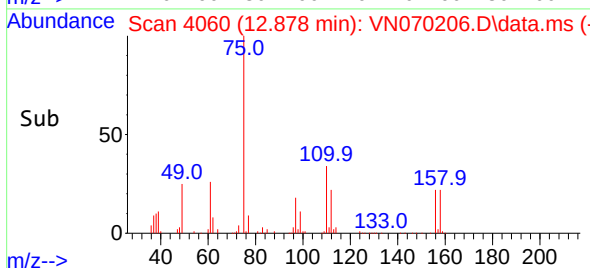
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

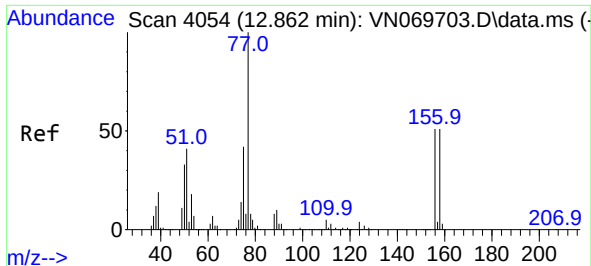


#76
1,2,3-Trichloropropane
Concen: 45.96 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion: 75 Resp: 836264
Ion Ratio Lower Upper
75 100
77 186.2 82.6 247.8





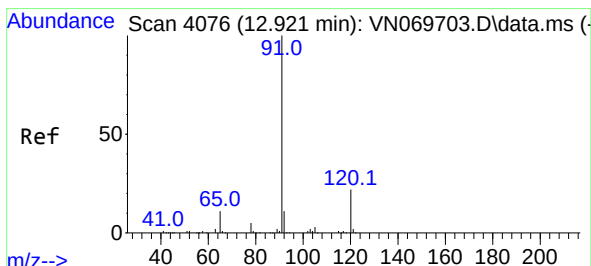
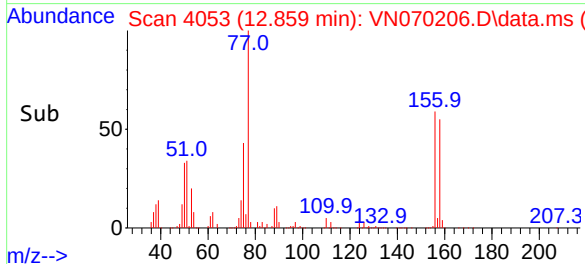
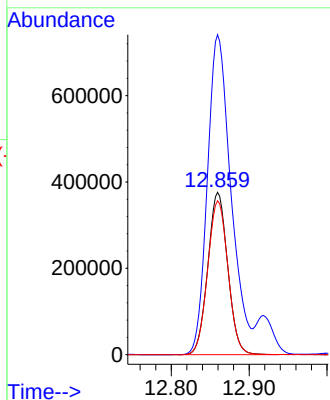
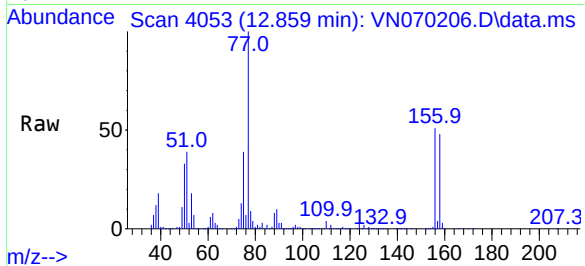
#77
Bromobenzene
Concen: 50.38 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:156 Resp: 668000
Ion Ratio Lower Upper
156 100
77 233.0 90.6 271.8
158 97.0 48.9 146.7

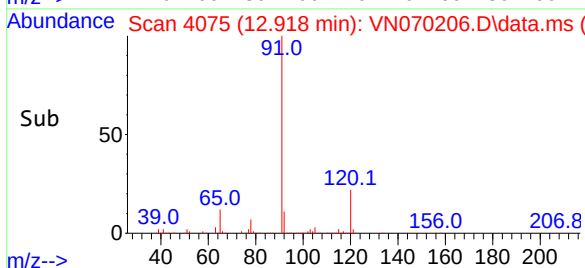
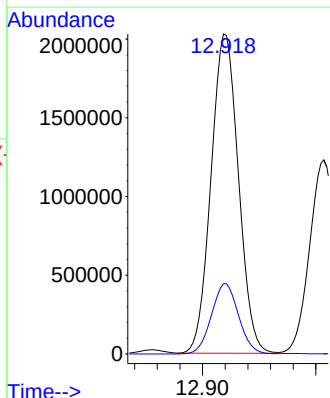
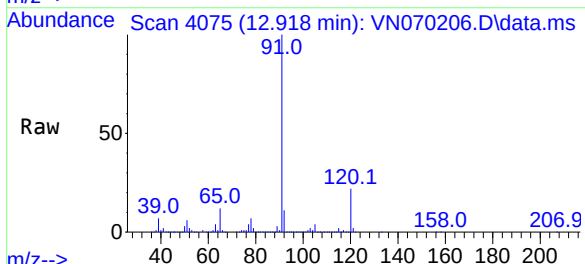
Manual Integrations
APPROVED

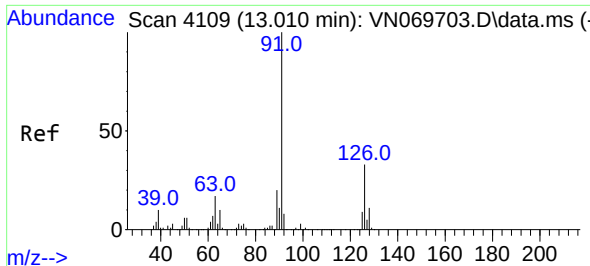
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#78
n-propylbenzene
Concen: 54.21 ug/l
RT: 12.918 min Scan# 4075
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Tgt Ion: 91 Resp: 3405010
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





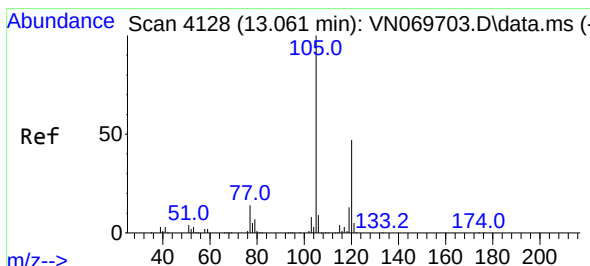
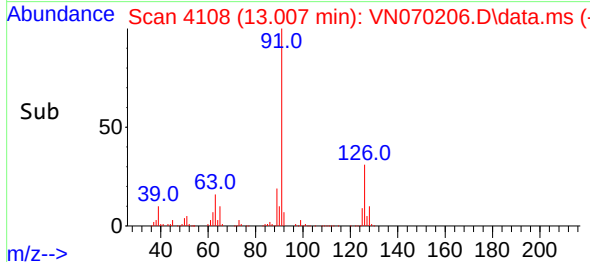
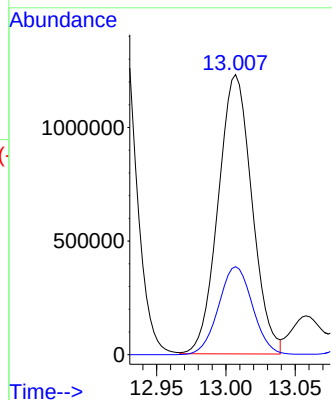
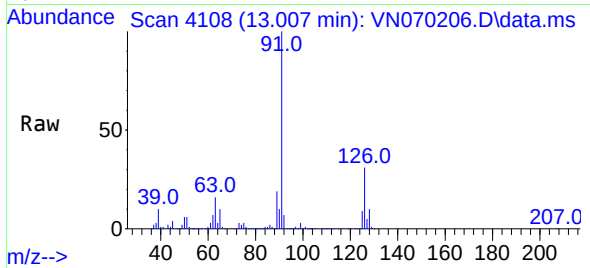
#79
2-Chlorotoluene
Concen: 52.57 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 208659
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

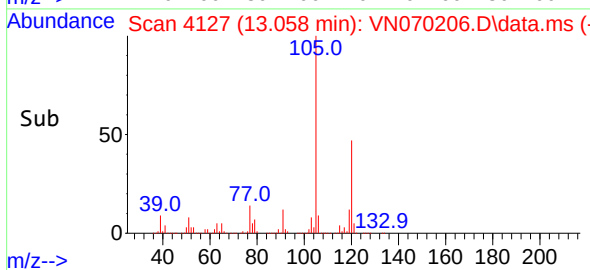
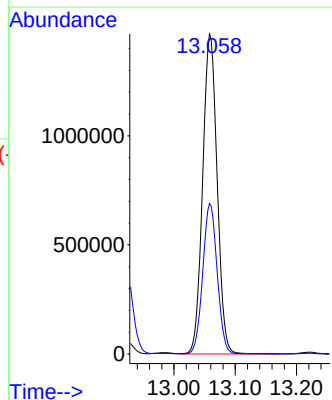
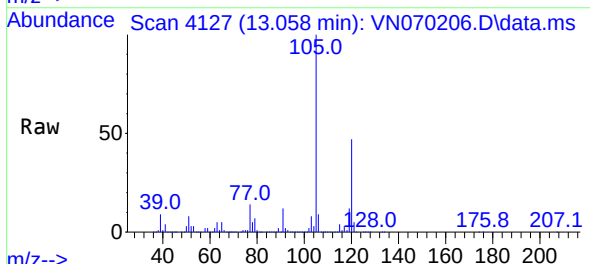
Manual Integrations
APPROVED

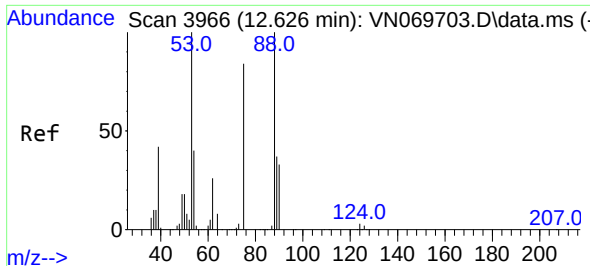
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#80
1,3,5-Trimethylbenzene
Concen: 52.96 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

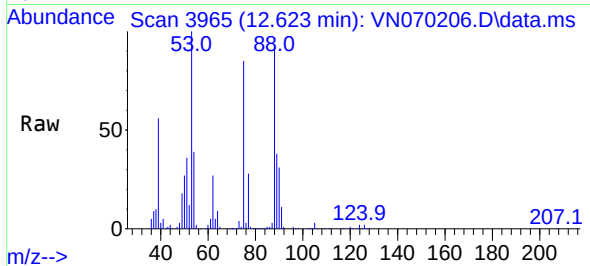
Tgt Ion:105 Resp: 2406113
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 50.41 ug/l
RT: 12.623 min Scan# 3966
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

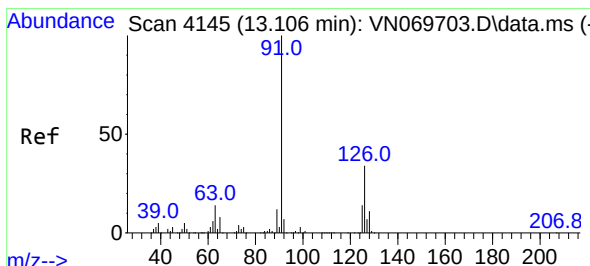
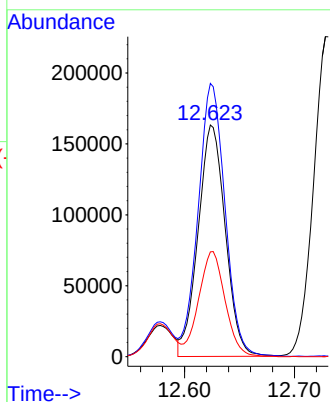
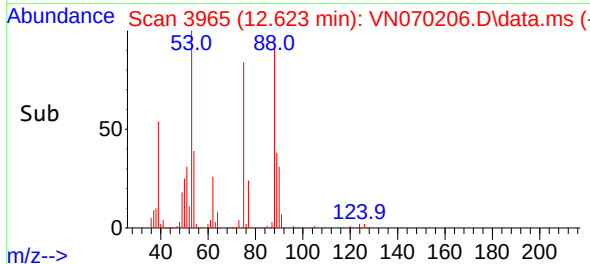
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



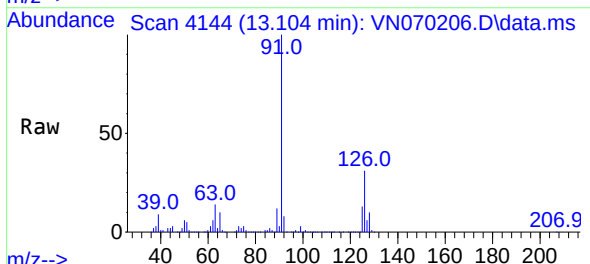
Tgt Ion: 75 Resp: 280452
Ion Ratio Lower Upper
75 100
53 116.9 90.5 135.7
89 44.4 38.2 57.4

Manual Integrations
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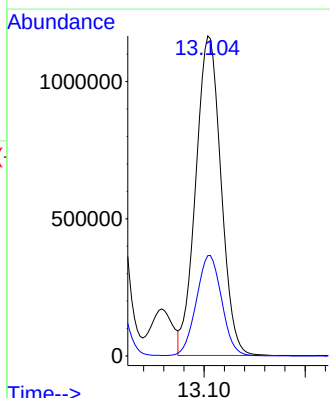
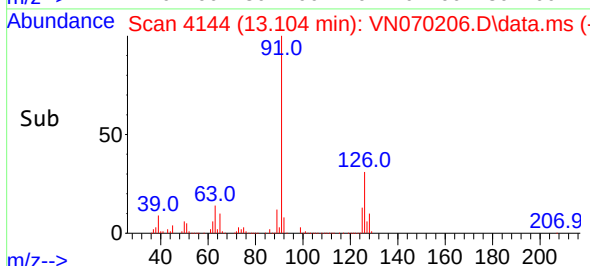
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

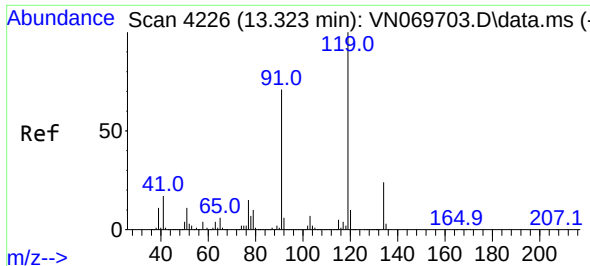


#82
4-Chlorotoluene
Concen: 54.16 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



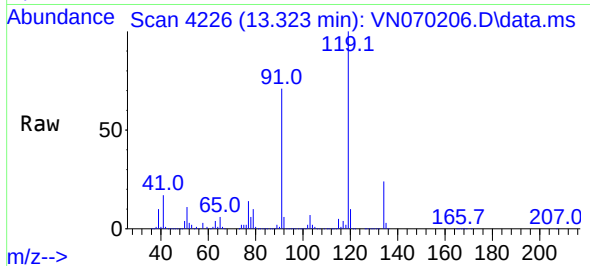
Tgt Ion: 91 Resp: 2021709
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 52.05 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

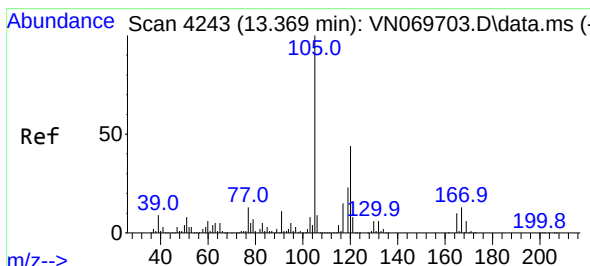
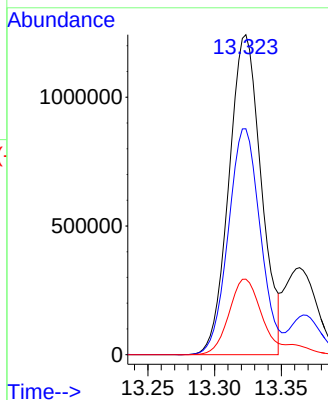
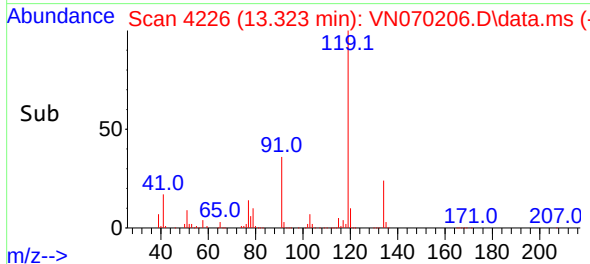
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



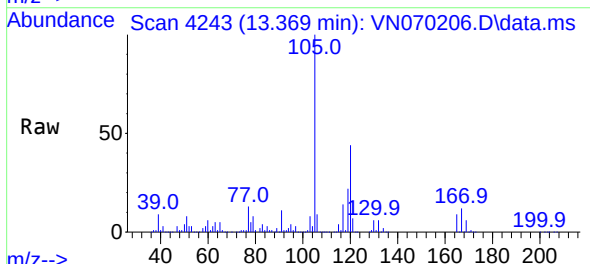
Tgt Ion:119 Resp: 2093864
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 24.0 12.4 37.4

Manual Integrations
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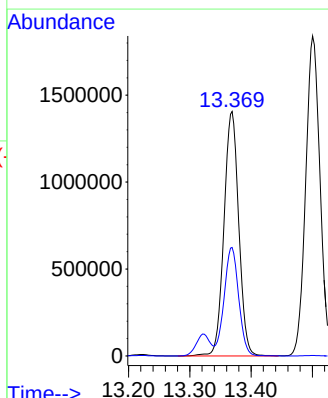
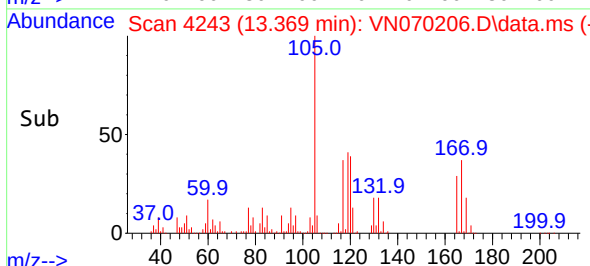
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

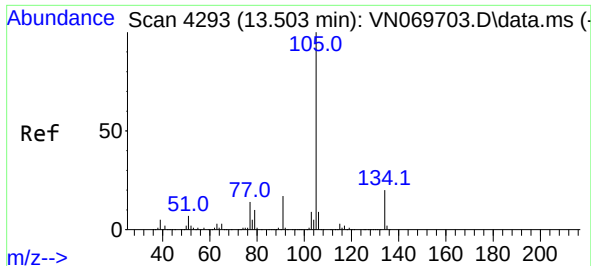


#84
1,2,4-Trimethylbenzene
Concen: 54.44 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



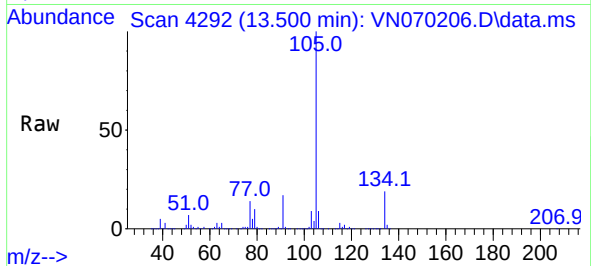
Tgt Ion:105 Resp: 2355402
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 54.66 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN070206.D
 Acq: 18 Dec 2021 11:34

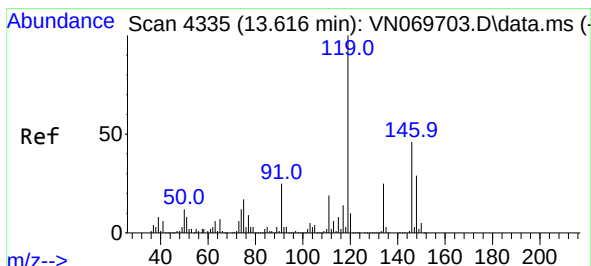
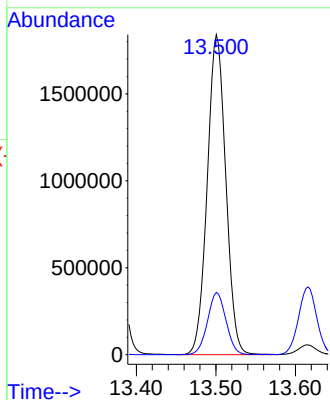
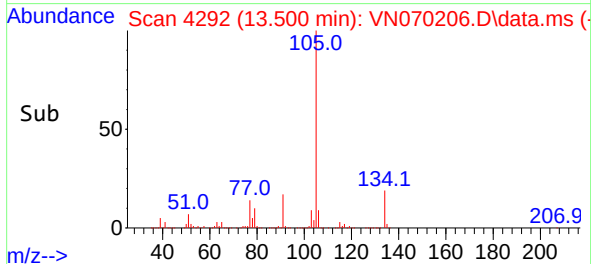
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



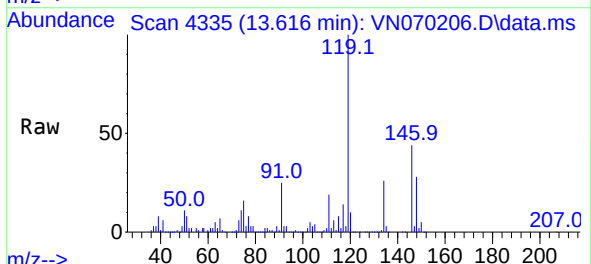
Tgt Ion:105 Resp: 298270
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

Manual Integrations
 APPROVED

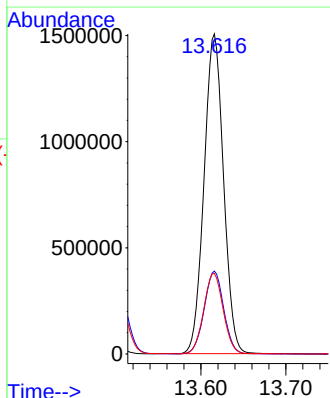
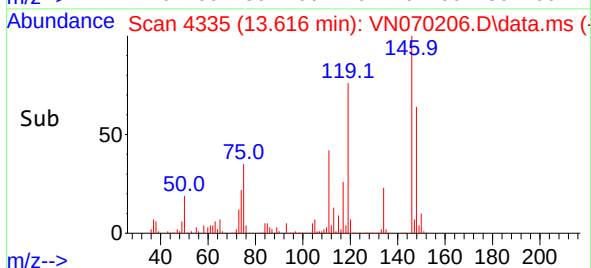
Reviewed By :John Carlone 12/20/2021
 Supervised By :Mahesh Dadoda 12/24/2021

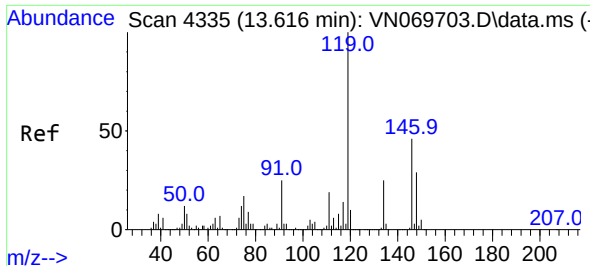


#86
 p-Isopropyltoluene
 Concen: 56.21 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070206.D
 Acq: 18 Dec 2021 11:34



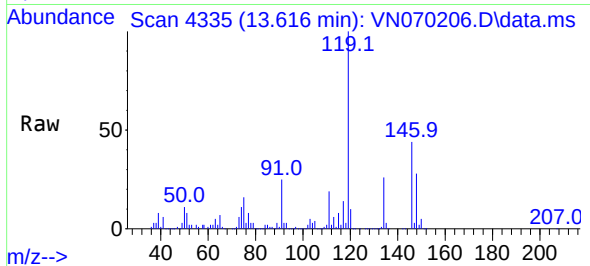
Tgt Ion:119 Resp: 2397527
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 53.42 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

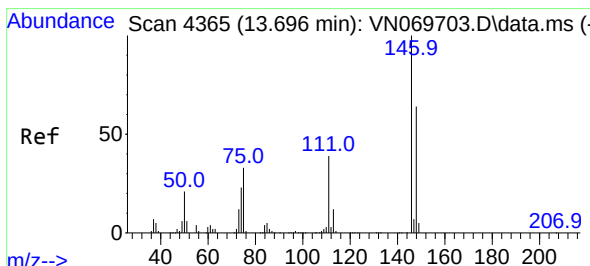
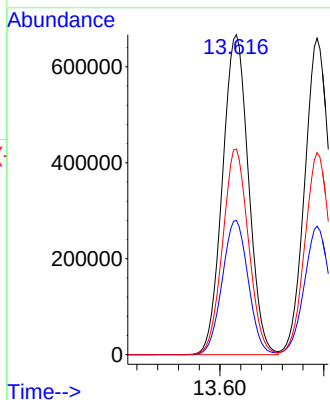
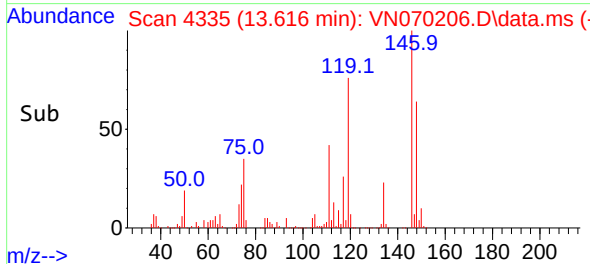
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



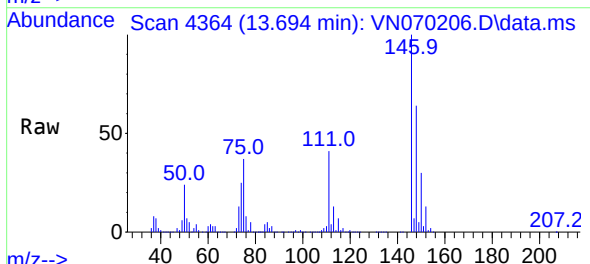
Tgt Ion:146 Resp: 1163599
Ion Ratio Lower Upper
146 100
111 41.8 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

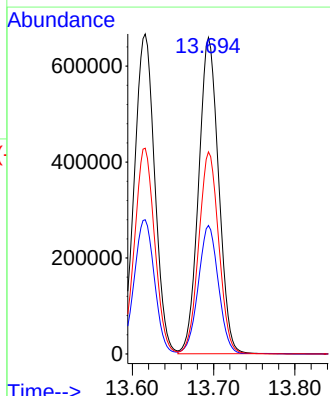
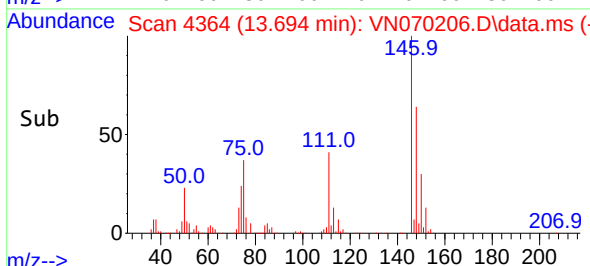
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

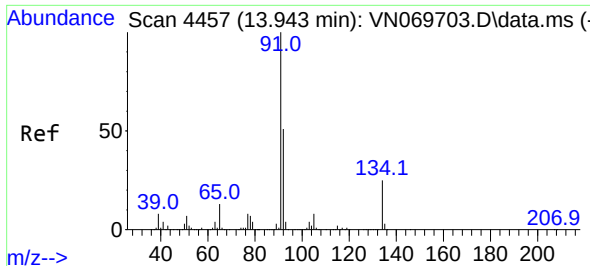


#88
1,4-Dichlorobenzene
Concen: 52.64 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



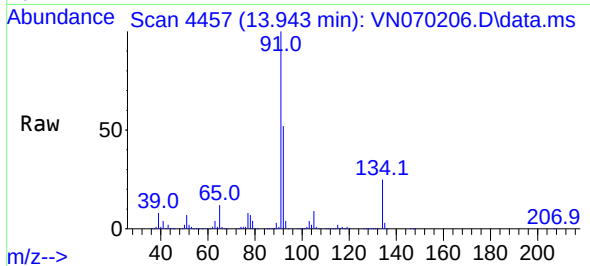
Tgt Ion:146 Resp: 1126729
Ion Ratio Lower Upper
146 100
111 40.7 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 58.42 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

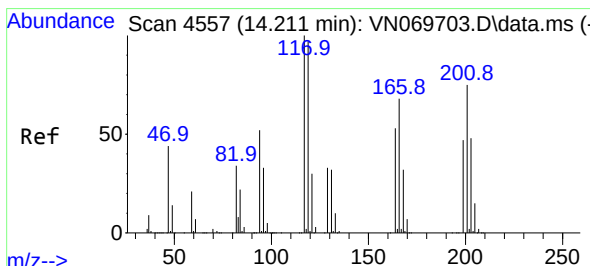
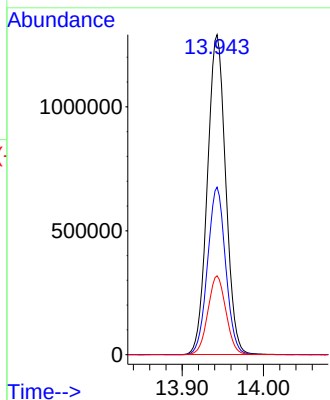
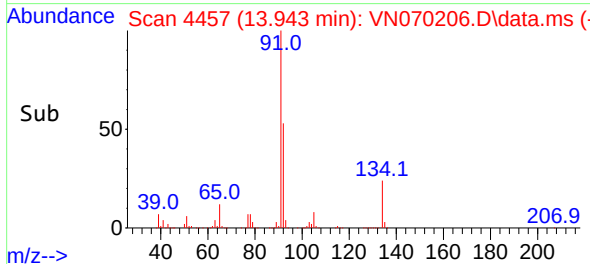
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2021220
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.4 13.6 40.8

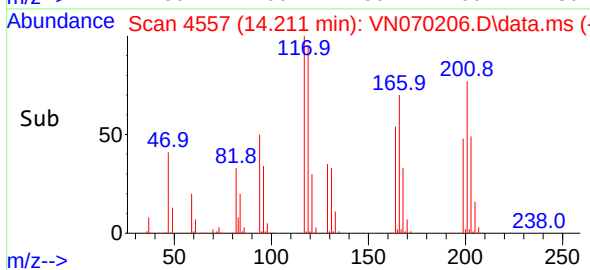
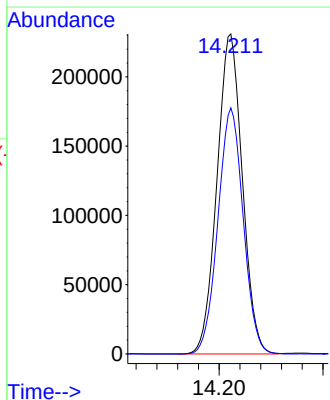
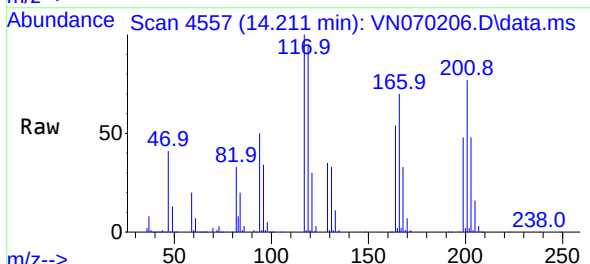
Manual Integrations
APPROVED

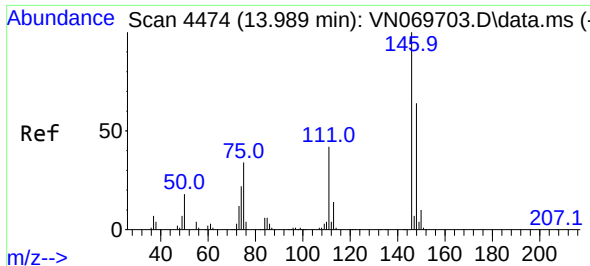
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#90
Hexachloroethane
Concen: 52.27 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

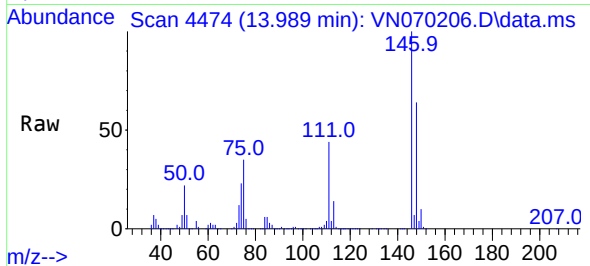
Tgt Ion:117 Resp: 391410
Ion Ratio Lower Upper
117 100
201 76.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 52.32 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

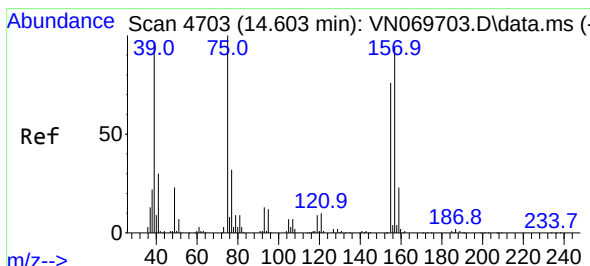
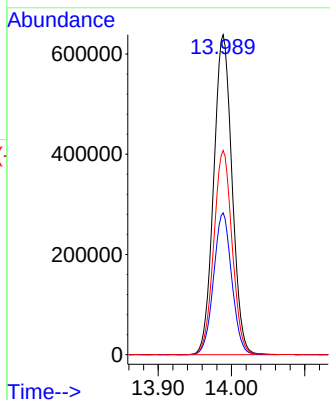
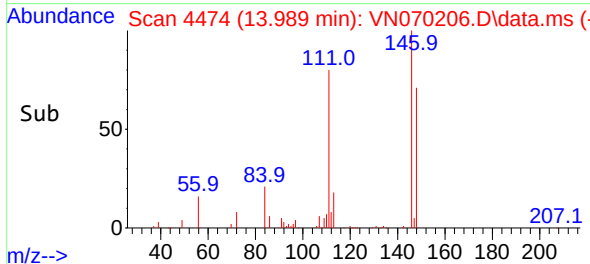
Instrument :
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ClientSampleId :
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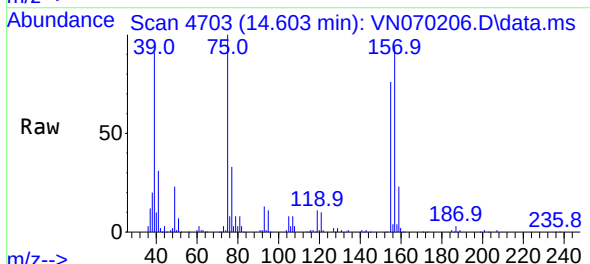
Tgt Ion:146 Resp: 111044
Ion Ratio Lower Upper
146 100
111 43.8 19.1 57.3
148 64.0 32.1 96.3

Manual Integrations
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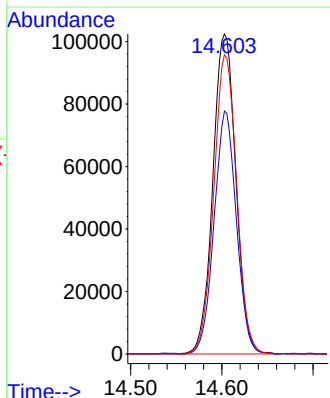
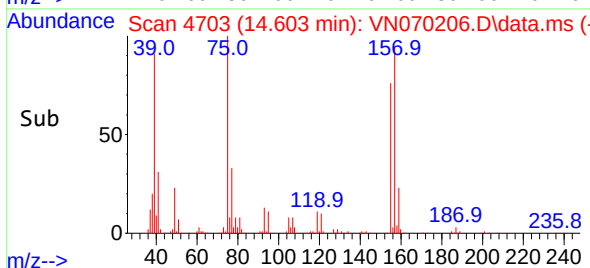
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

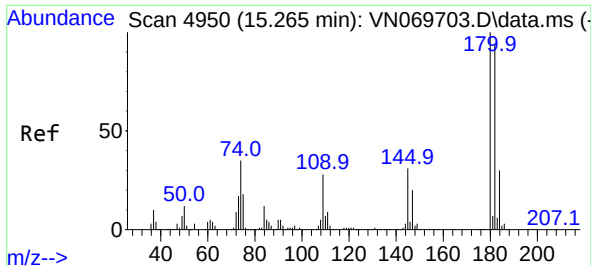


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.88 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



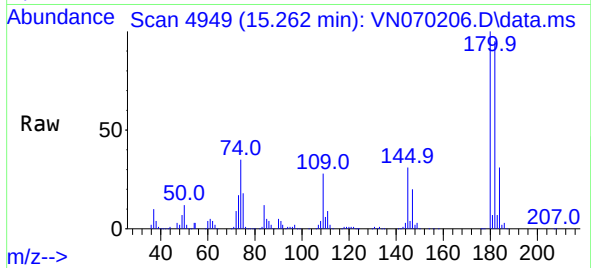
Tgt Ion: 75 Resp: 179458
Ion Ratio Lower Upper
75 100
155 73.8 46.9 140.7
157 93.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 54.59 ug/l
RT: 15.262 min Scan# 4950
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

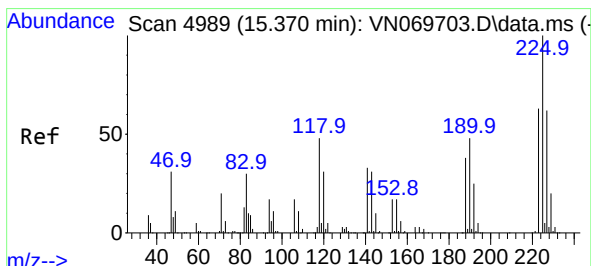
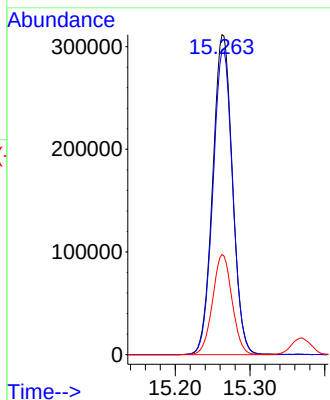
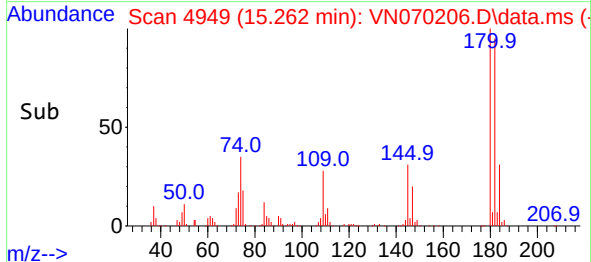
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



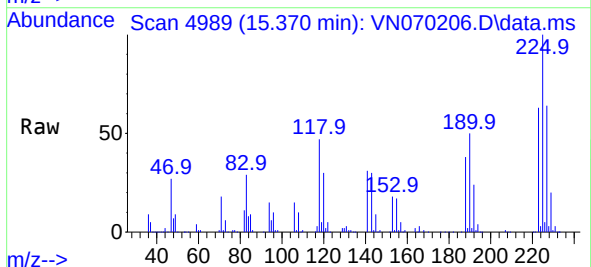
Tgt Ion:180 Resp: 57115
Ion Ratio Lower Upper
180 100
182 95.3 48.3 144.9
145 30.9 14.5 43.5

Manual Integrations
APPROVED

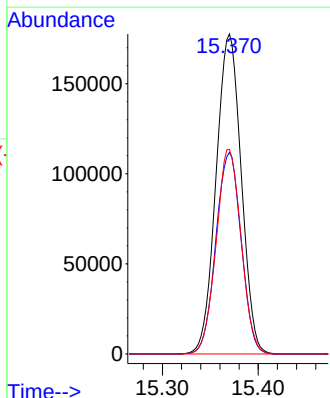
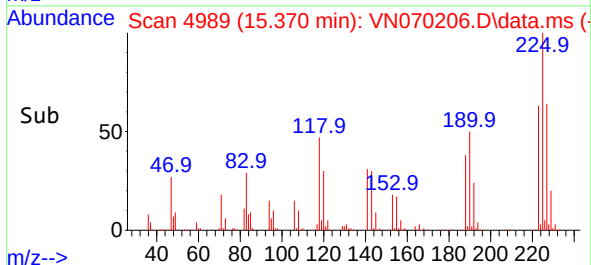
Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021

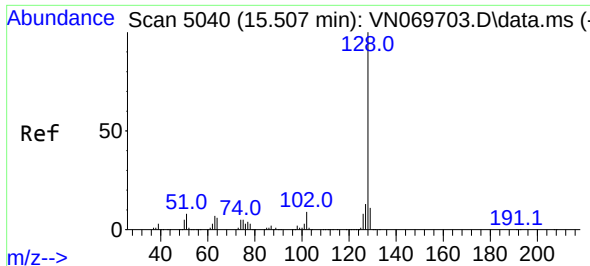


#94
Hexachlorobutadiene
Concen: 57.51 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



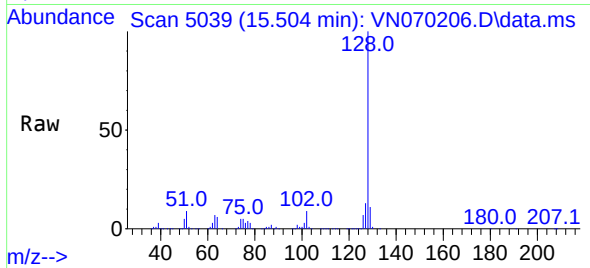
Tgt Ion:225 Resp: 323474
Ion Ratio Lower Upper
225 100
223 63.3 31.9 95.7
227 63.4 32.1 96.3





#95
Naphthalene
Concen: 51.64 ug/l
RT: 15.504 min Scan# 5040
Delta R.T. -0.003 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34

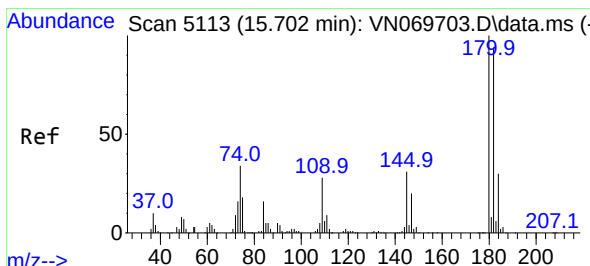
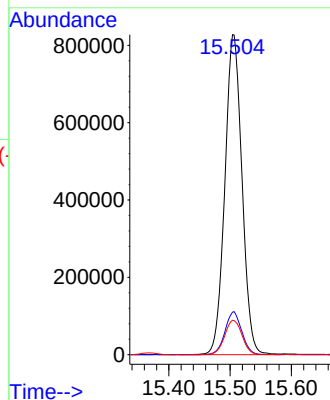
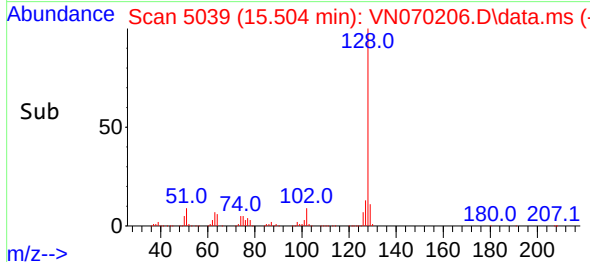
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



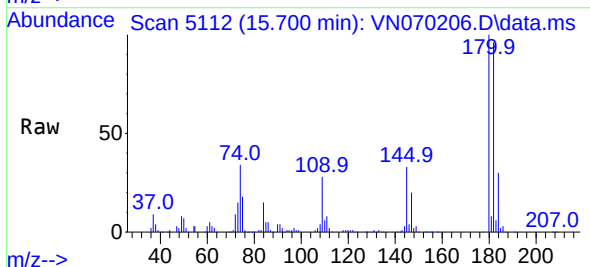
Tgt Ion:128 Resp: 1605438
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/20/2021
Supervised By :Mahesh Dadoda 12/24/2021



#96
1,2,3-Trichlorobenzene
Concen: 55.44 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070206.D
Acq: 18 Dec 2021 11:34



Tgt Ion:180 Resp: 565210
Ion Ratio Lower Upper
180 100
182 94.5 47.4 142.2
145 32.3 15.0 45.1

