

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070152.D
 Acq On : 16 Dec 2021 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 17 01:05:26 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	8.086	168	936013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1580017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1497140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	637981	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	698946	48.363	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.720%
35) Dibromofluoromethane	8.021	113	473317	47.825	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.640%
50) Toluene-d8	10.440	98	1869533	47.045	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	94.080%
62) 4-Bromofluorobenzene	12.734	95	729799	50.692	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	482689	44.214	ug/l	99
3) Chloromethane	2.301	50	597332	43.674	ug/l	99
4) Vinyl Chloride	2.443	62	558248	44.389	ug/l	98
5) Bromomethane	2.824	94	254568	37.259	ug/l	98
6) Chloroethane	2.998	64	347135	45.044	ug/l	99
7) Trichlorofluoromethane	3.363	101	727472	44.074	ug/l	98
8) Diethyl Ether	3.819	74	326441	51.351	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.197	101	457057	49.399	ug/l	96
10) Methyl Iodide	4.411	142	537191	42.500	ug/l	98
11) Tert butyl alcohol	5.393	59	779881	285.484	ug/l	99
12) 1,1-Dichloroethene	4.170	96	432940	48.558	ug/l	87
13) Acrolein	4.036	56	422516	181.621	ug/l	99
14) Allyl chloride	4.832	41	1026578	51.097	ug/l #	90
15) Acrylonitrile	5.554	53	2057757	279.541	ug/l	100
16) Acetone	4.291	43	1985507	228.388	ug/l	96
17) Carbon Disulfide	4.521	76	929887	40.370	ug/l	99
18) Methyl Acetate	4.857	43	1419340	54.089	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1917886	55.323	ug/l	96
20) Methylene Chloride	5.090	84	571551	49.455	ug/l #	85
21) trans-1,2-Dichloroethene	5.594	96	466289	48.150	ug/l	85
22) Diisopropyl ether	6.501	45	2182586	55.581	ug/l	92
23) Vinyl Acetate	6.434	43	8718622	272.906	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1071916	52.696	ug/l	97
25) 2-Butanone	7.340	43	3111393	263.409	ug/l	91
26) 2,2-Dichloropropane	7.324	77	699218	44.210	ug/l	96
27) cis-1,2-Dichloroethene	7.324	96	594101	50.777	ug/l	87
28) Bromochloromethane	7.657	49	541930	51.232	ug/l #	78
29) Tetrahydrofuran	7.689	42	2018347	281.399	ug/l	87
30) Chloroform	7.820	83	1068527	52.013	ug/l	100
31) Cyclohexane	8.094	56	936277	46.553	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	879342	50.250	ug/l	96
36) 1,1-Dichloropropene	8.220	75	738060	49.069	ug/l	96
37) Ethyl Acetate	7.415	43	1177727	52.608	ug/l	96
38) Carbon Tetrachloride	8.206	117	686679	46.555	ug/l	98
39) Methylcyclohexane	9.459	83	855217	47.801	ug/l	90
40) Benzene	8.461	78	2306365	50.165	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
 Data File : VN070152.D
 Acq On : 16 Dec 2021 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 17 01:05:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/17/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	601313	57.218	ug/l #	87
42) 1,2-Dichloroethane	8.531	62	939283	50.610	ug/l	97
43) Isopropyl Acetate	8.563	43	1794713	54.173	ug/l #	94
44) Trichloroethene	9.217	130	541877	49.381	ug/l	90
45) 1,2-Dichloropropane	9.491	63	646571	52.371	ug/l	99
46) Dibromomethane	9.577	93	408474	50.448	ug/l	94
47) Bromodichloromethane	9.765	83	792962	51.725	ug/l	99
48) Methyl methacrylate	9.561	41	861525	55.724	ug/l	86
49) 1,4-Dioxane	9.571	88	328282	1183.382	ug/l #	82
51) 4-Methyl-2-Pentanone	10.333	43	6269581	291.720	ug/l	95
52) Toluene	10.505	92	1445005	51.481	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	844091	46.008	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	917097	47.490	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	592750	52.339	ug/l	97
56) Ethyl methacrylate	10.762	69	1065873	49.885	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1060961	53.204	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	2210656	373.301	ug/l	91
59) 2-Hexanone	11.087	43	4675932	287.611	ug/l	93
60) Dibromochloromethane	11.240	129	554555	45.905	ug/l	100
61) 1,2-Dibromoethane	11.347	107	611015	52.089	ug/l	100
64) Tetrachloroethene	10.980	164	505734	49.818	ug/l	96
65) Chlorobenzene	11.771	112	1538978	50.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	534598	50.008	ug/l	99
67) Ethyl Benzene	11.846	91	2889970	52.382	ug/l	97
68) m/p-Xylenes	11.953	106	2104038	104.740	ug/l	92
69) o-Xylene	12.280	106	1071827	52.971	ug/l	91
70) Styrene	12.294	104	1757304	54.770	ug/l	95
71) Bromoform	12.460	173	417632	45.913	ug/l #	100
73) Isopropylbenzene	12.581	105	2826077	49.788	ug/l	98
74) N-amyl acetate	12.388	43	1363035	54.299	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	985878	50.227	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	892154m	48.763	ug/l	
77) Bromobenzene	12.862	156	653070	48.982	ug/l	76
78) n-propylbenzene	12.921	91	3202668	50.704	ug/l	96
79) 2-Chlorotoluene	13.007	91	1996657	50.027	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	2287349	50.066	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	247226	44.694	ug/l	90
82) 4-Chlorotoluene	13.106	91	1895365	50.497	ug/l	92
83) tert-Butylbenzene	13.324	119	2032949	50.253	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2246507	51.631	ug/l	96
85) sec-Butylbenzene	13.503	105	2828728	51.550	ug/l	97
86) p-Isopropyltoluene	13.616	119	2216059	51.666	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1088851	49.711	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	1049158	48.741	ug/l	97
89) n-Butylbenzene	13.943	91	1833169	52.687	ug/l	97
90) Hexachloroethane	14.211	117	346952	46.073	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1064191	49.864	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	182175	51.362	ug/l	79
93) 1,2,4-Trichlorobenzene	15.265	180	532324	50.807	ug/l	97
94) Hexachlorobutadiene	15.370	225	290917	51.435	ug/l	99
95) Naphthalene	15.507	128	1673437	53.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	531324	51.983	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121621\
Data File : VN070152.D
Acq On : 16 Dec 2021 21:22
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

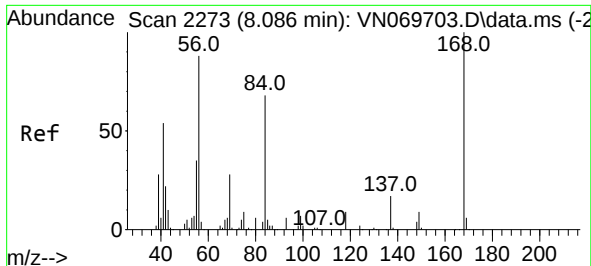
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

Quant Time: Dec 17 01:05:26 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

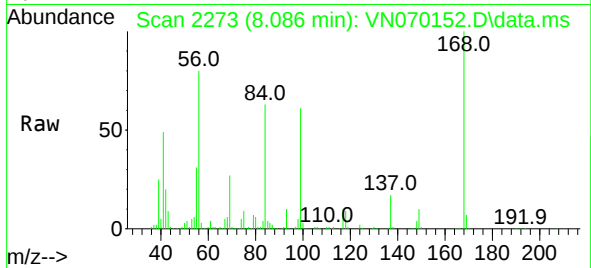
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

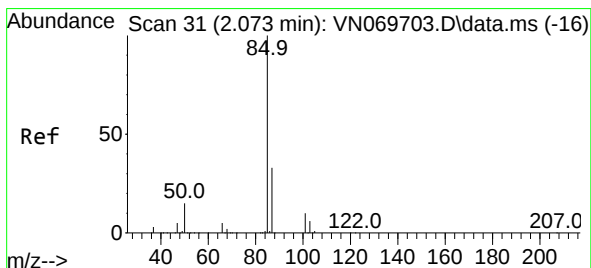
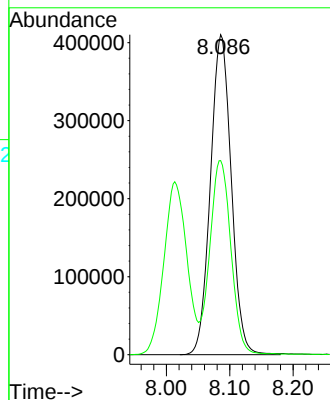
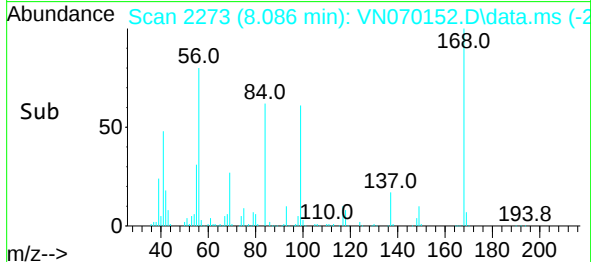
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 93601
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9

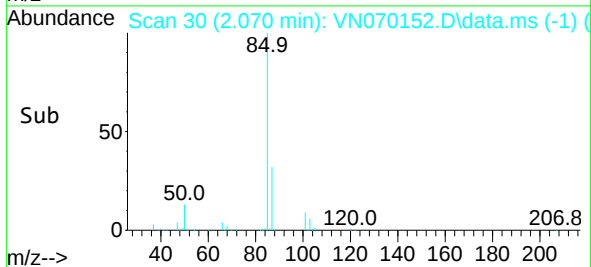
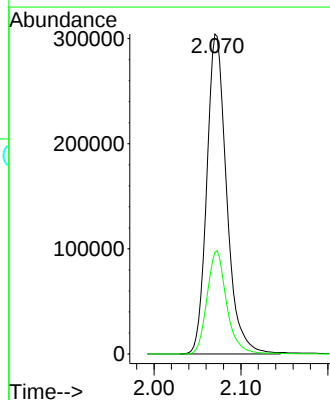
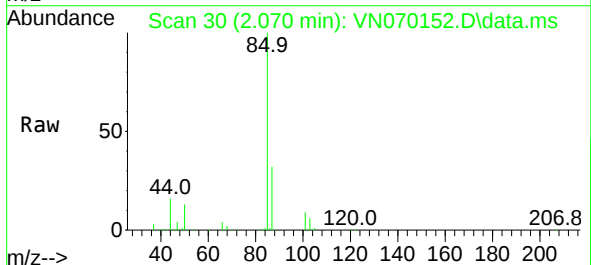
Manual Integrations
APPROVED

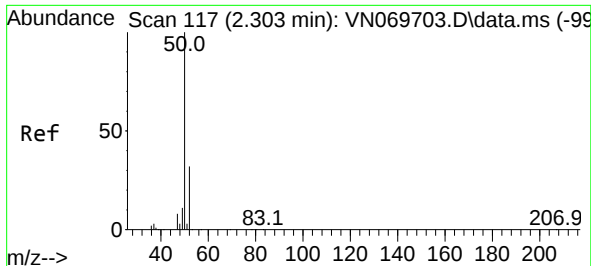
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#2
Dichlorodifluoromethane
Concen: 44.214 ug/l
RT: 2.070 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

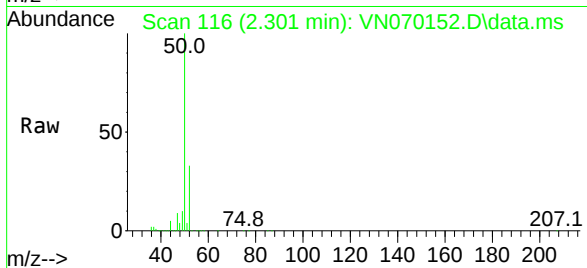
Tgt Ion: 85 Resp: 482689
Ion Ratio Lower Upper
85 100
87 31.8 16.3 48.9





#3
Chloromethane
Concen: 43.674 ug/l
RT: 2.301 min Scan# 117
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

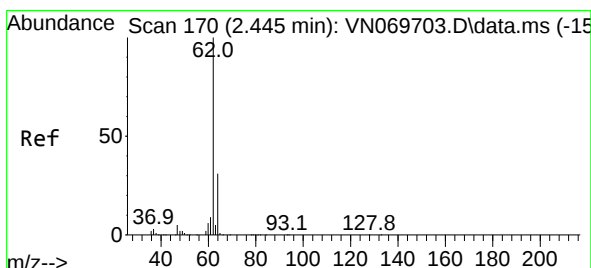
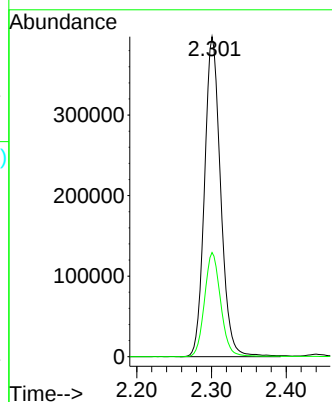
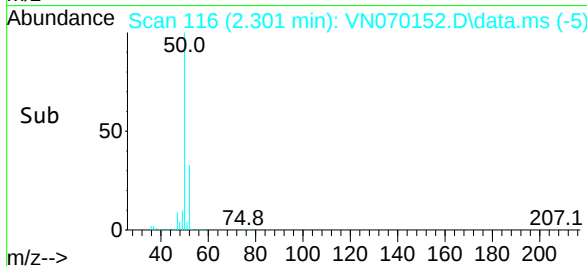
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 50 Resp: 597332
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

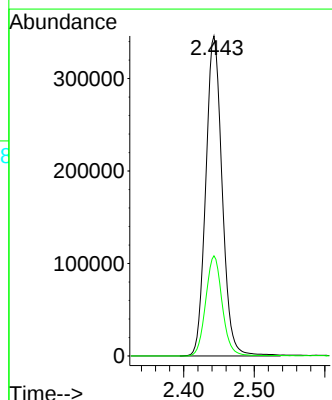
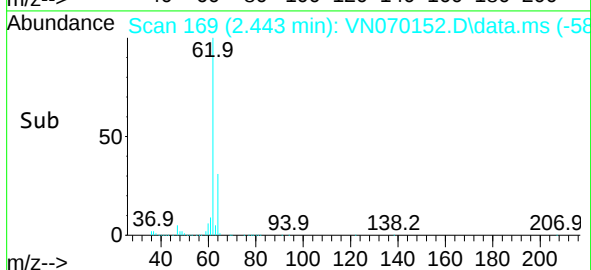
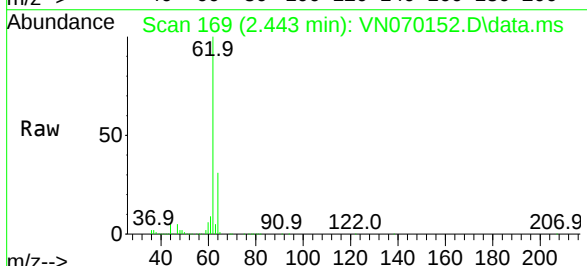
Manual Integrations
APPROVED

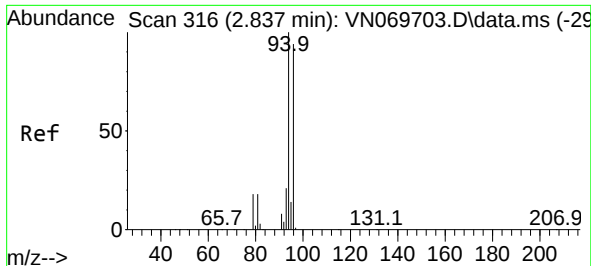
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#4
Vinyl Chloride
Concen: 44.389 ug/l
RT: 2.443 min Scan# 169
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

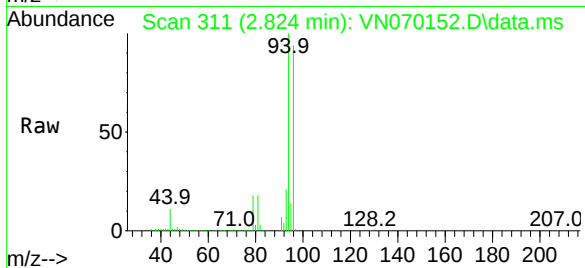
Tgt Ion: 62 Resp: 558248
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 37.259 ug/l
RT: 2.824 min Scan# 316
Delta R.T. -0.013 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

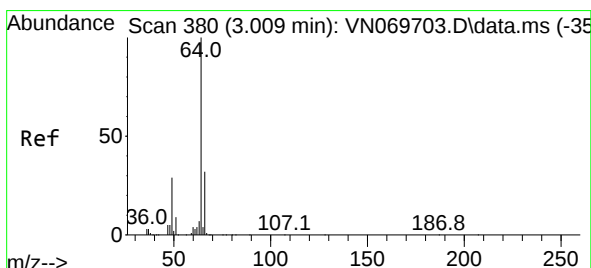
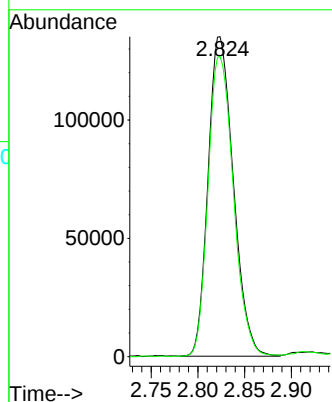
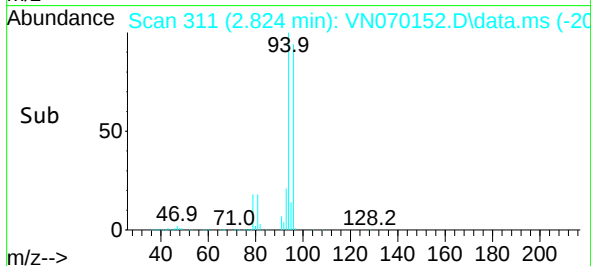
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 94 Resp: 25456
Ion Ratio Lower Upper
94 100
96 93.8 73.8 110.8

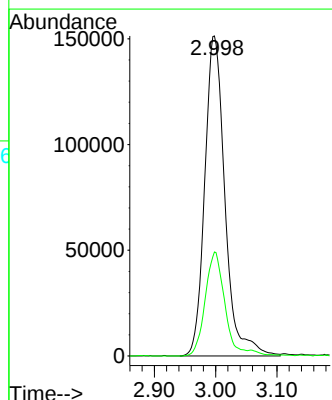
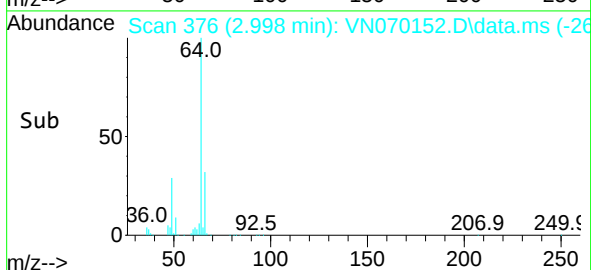
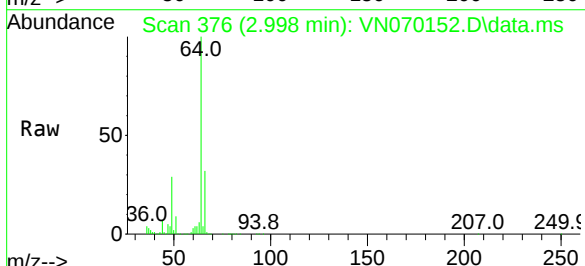
Manual Integrations
APPROVED

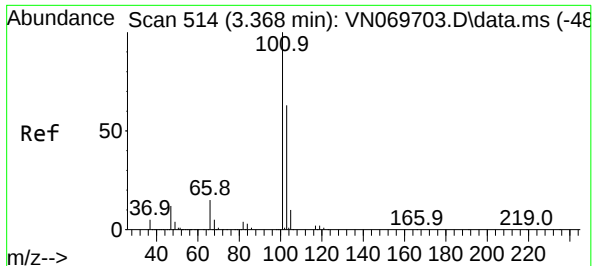
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#6
Chloroethane
Concen: 45.044 ug/l
RT: 2.998 min Scan# 376
Delta R.T. -0.011 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Tgt Ion: 64 Resp: 347135
Ion Ratio Lower Upper
64 100
66 32.5 26.3 39.5





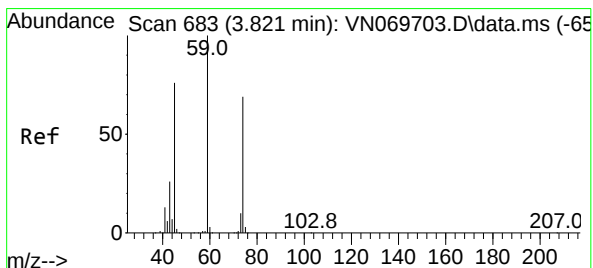
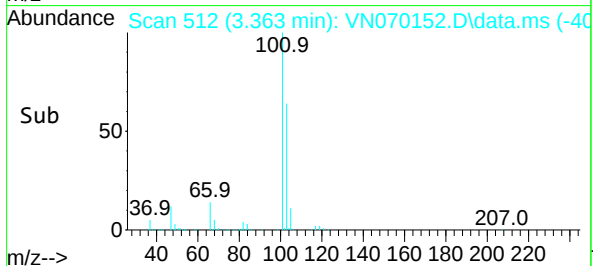
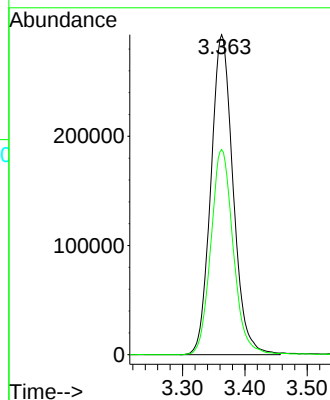
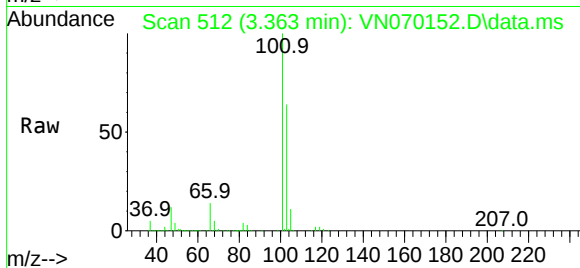
#7
Trichlorofluoromethane
Concen: 44.074 ug/l
RT: 3.363 min Scan# 514
Delta R.T. -0.005 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 727472
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

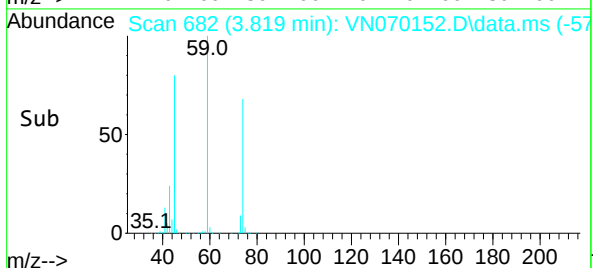
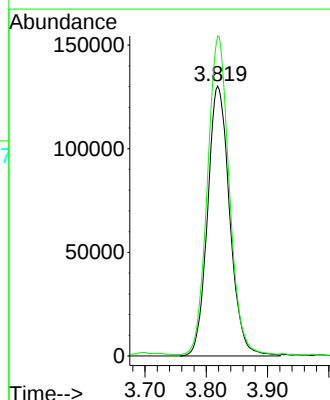
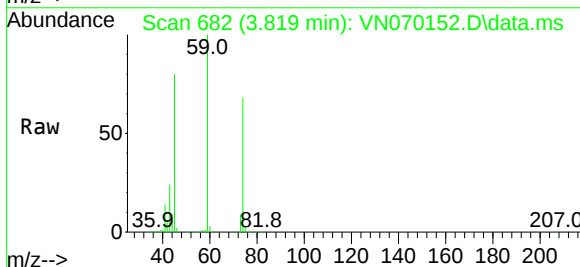
Manual Integrations
APPROVED

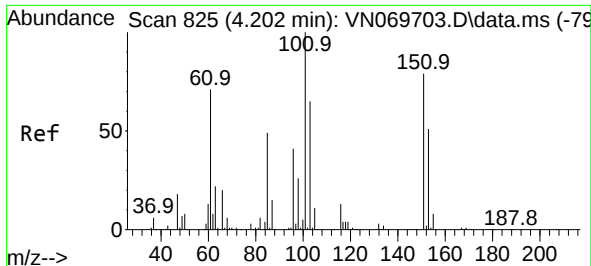
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#8
Diethyl Ether
Concen: 51.351 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Tgt Ion: 74 Resp: 326441
Ion Ratio Lower Upper
74 100
45 116.4 47.0 141.2





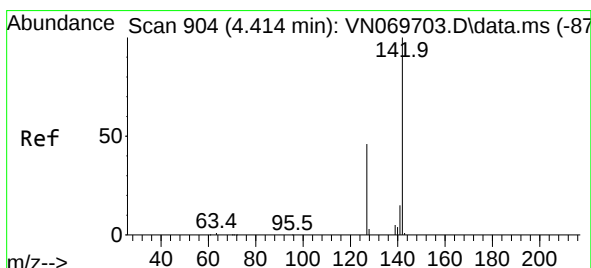
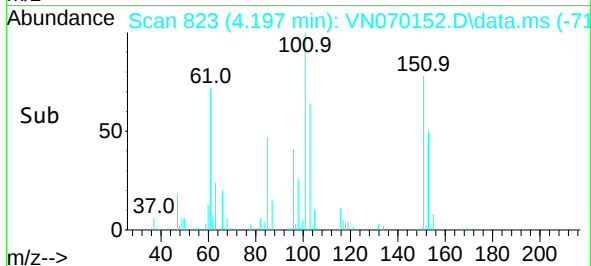
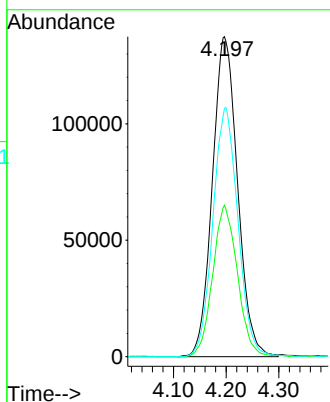
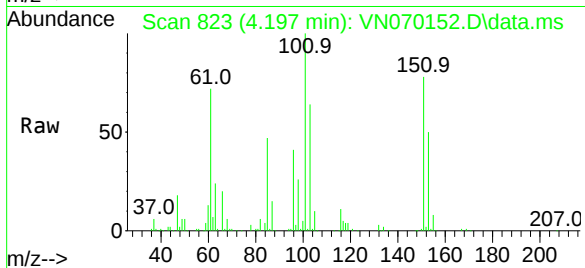
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.399 ug/l
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 45705
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 77.4 65.9 98.9

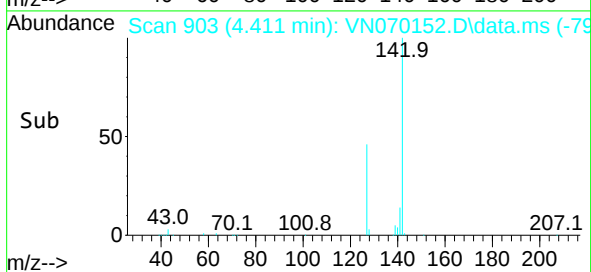
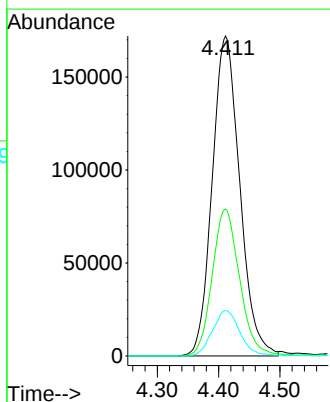
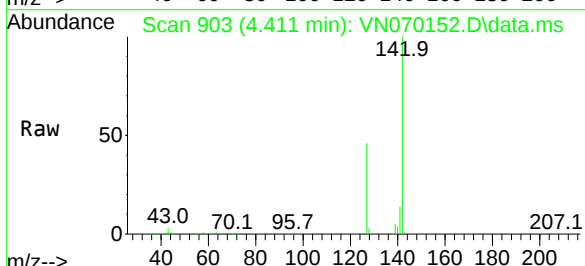
Manual Integrations
APPROVED

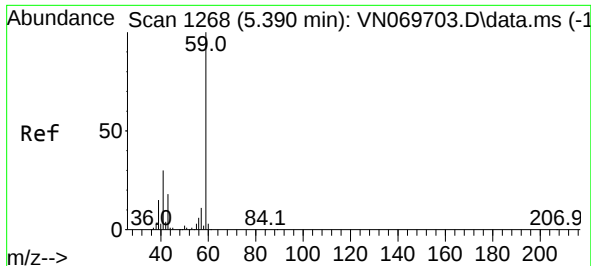
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 42.500 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

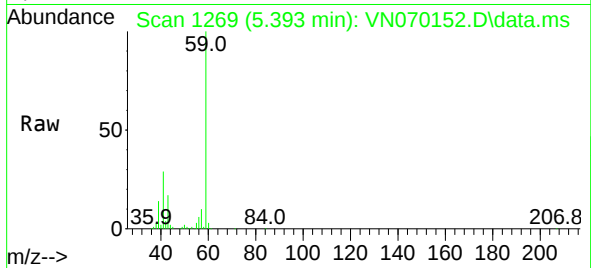
Tgt Ion:142 Resp: 537191
Ion Ratio Lower Upper
142 100
127 45.8 35.4 53.0
141 14.2 11.6 17.4





#11
Tert butyl alcohol
Concen: 285.484 ug/l
RT: 5.393 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

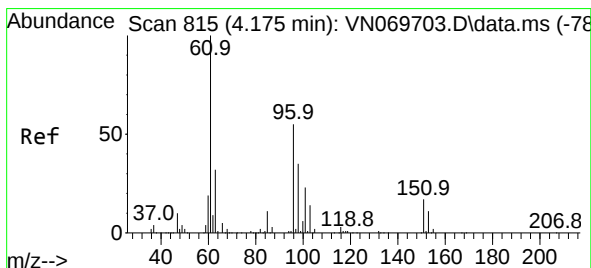
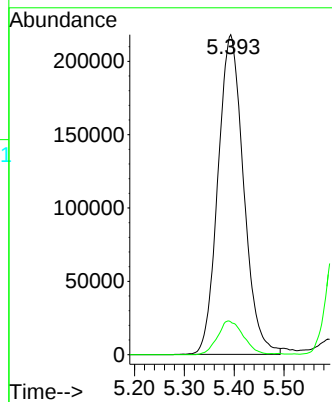
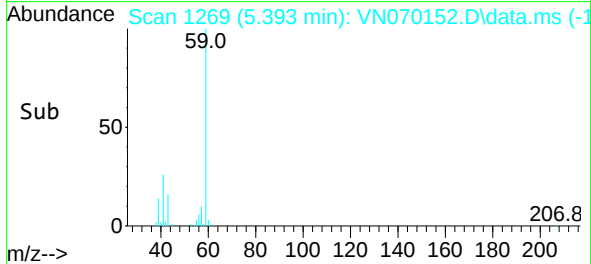
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 77988
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

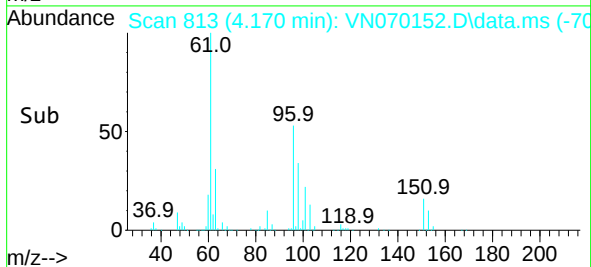
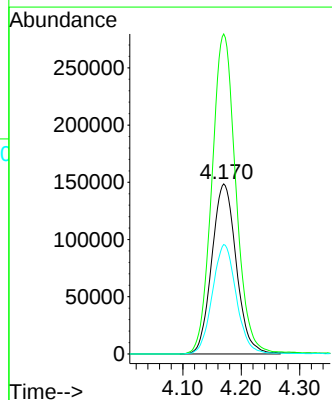
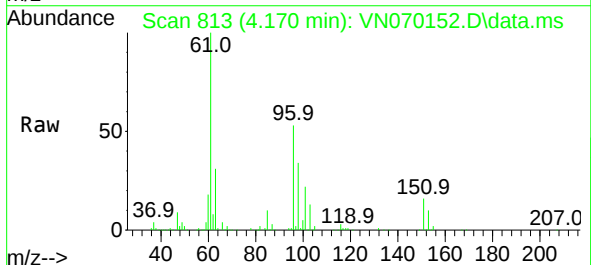
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 48.558 ug/l
RT: 4.170 min Scan# 813
Delta R.T. -0.005 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

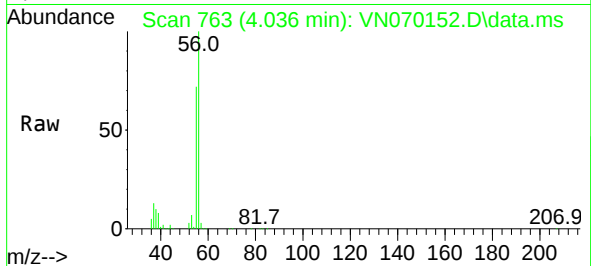
Tgt Ion: 96 Resp: 432940
Ion Ratio Lower Upper
96 100
61 188.2 131.0 196.6
98 64.3 52.4 78.6





#13
Acrolein
Concen: 181.621 ug/l
RT: 4.036 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

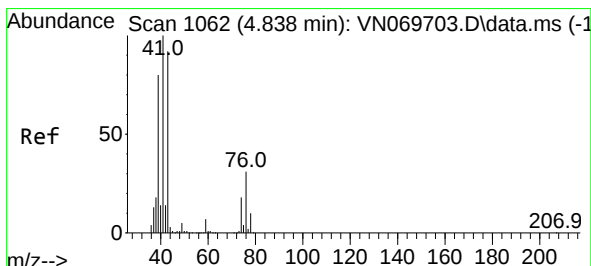
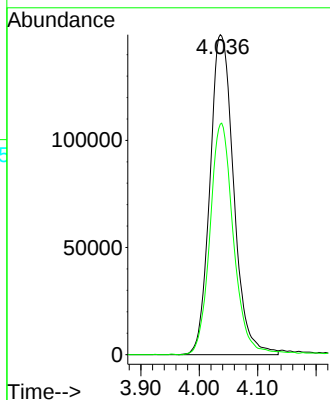
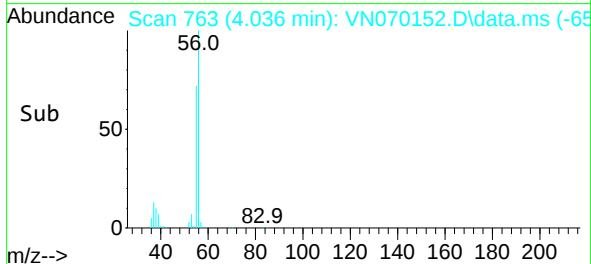
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



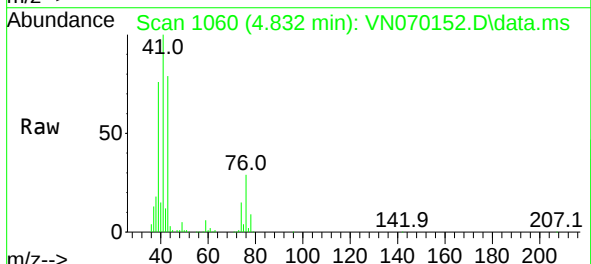
Tgt Ion: 56 Resp: 422510
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
APPROVED

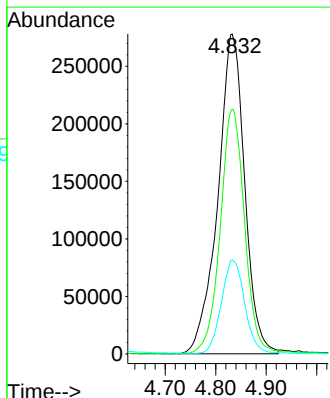
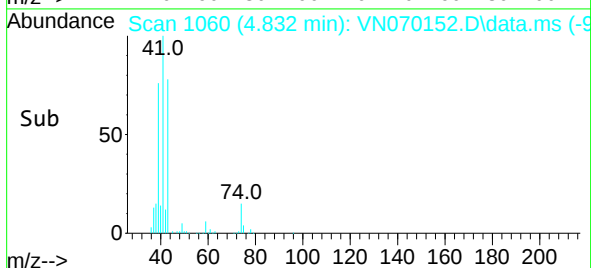
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

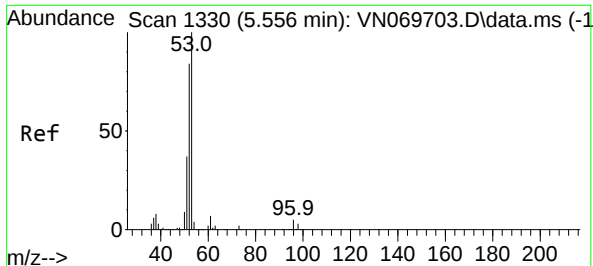


#14
Allyl chloride
Concen: 51.097 ug/l
RT: 4.832 min Scan# 1060
Delta R.T. -0.005 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



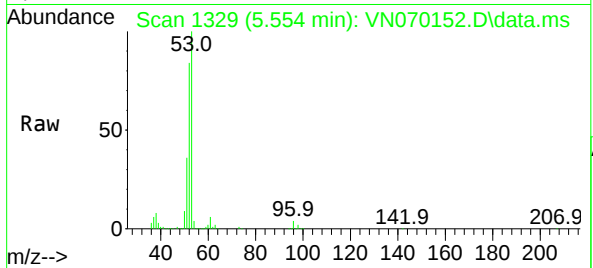
Tgt Ion: 41 Resp: 1026578
Ion Ratio Lower Upper
41 100
39 69.5 61.2 91.8
76 25.2 26.0 39.0





#15
Acrylonitrile
Concen: 279.541 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

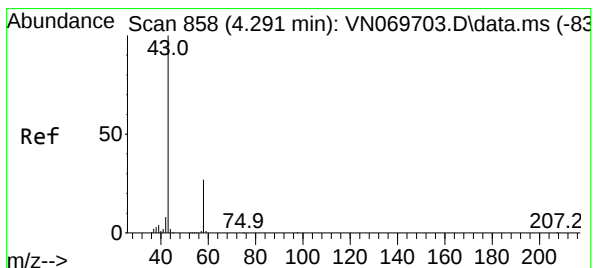
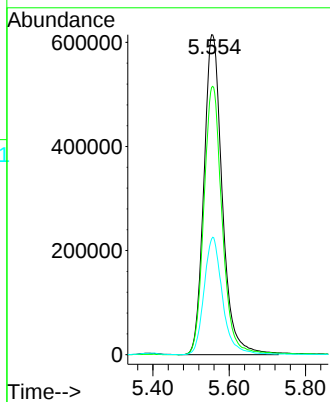
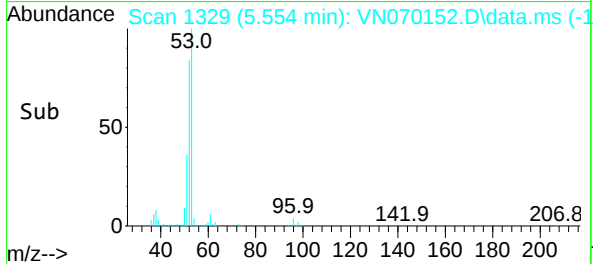
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 205775
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.8 29.6 44.4

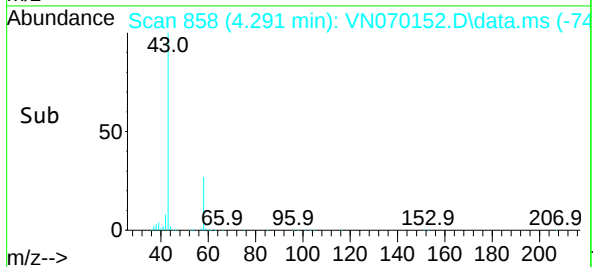
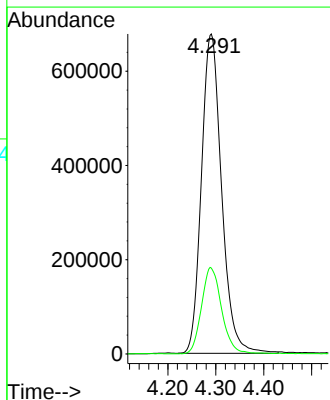
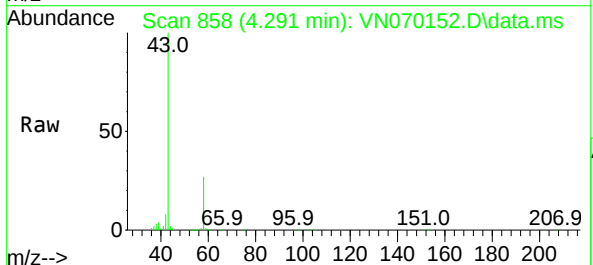
Manual Integrations
APPROVED

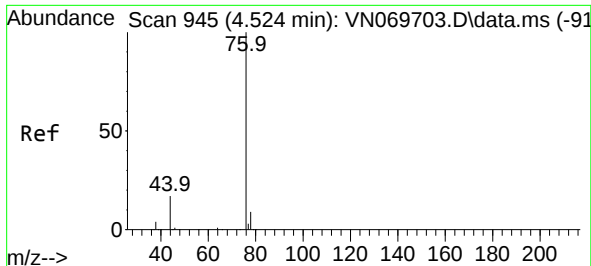
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 228.388 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

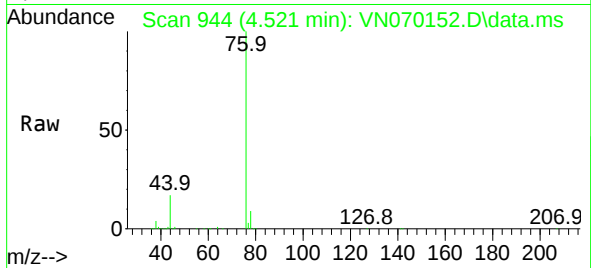
Tgt Ion: 43 Resp: 1985507
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7





#17
Carbon Disulfide
Concen: 40.370 ug/l
RT: 4.521 min Scan# 945
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

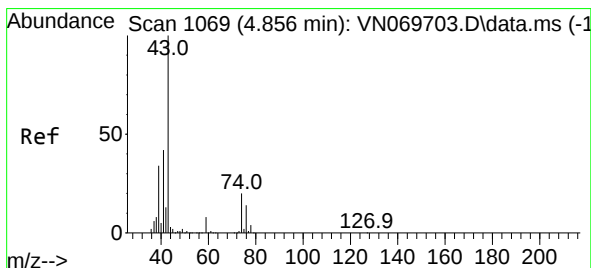
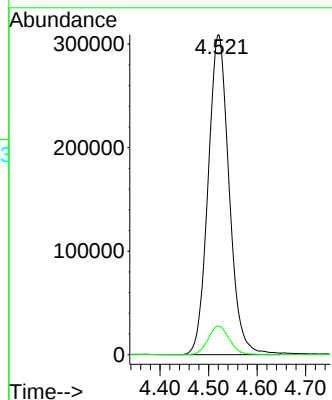
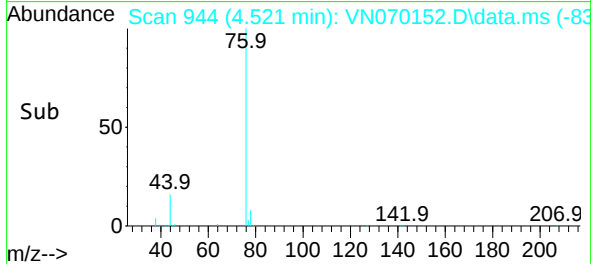
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 92988
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

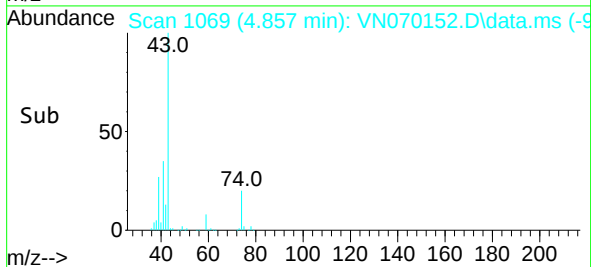
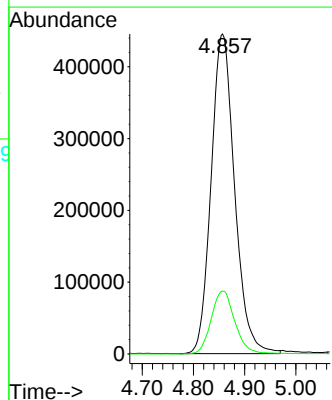
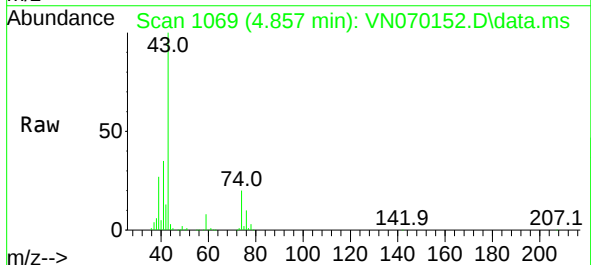
Manual Integrations
APPROVED

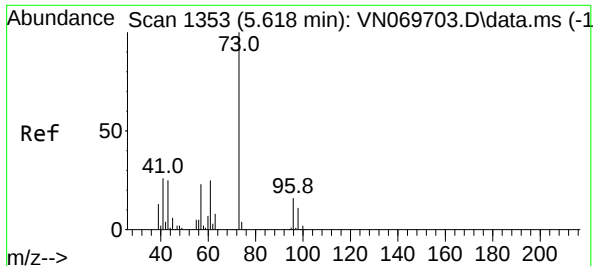
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 54.089 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

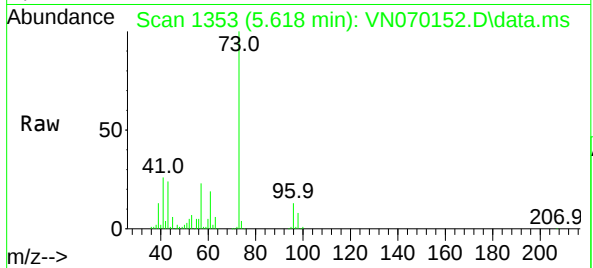
Tgt Ion: 43 Resp: 1419340
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 55.323 ug/l
RT: 5.618 min Scan# 1156
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

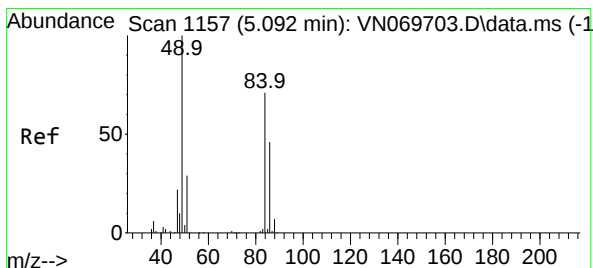
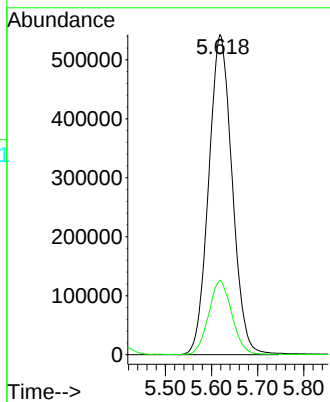
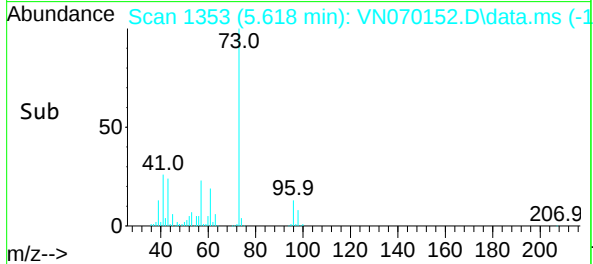
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 191788
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

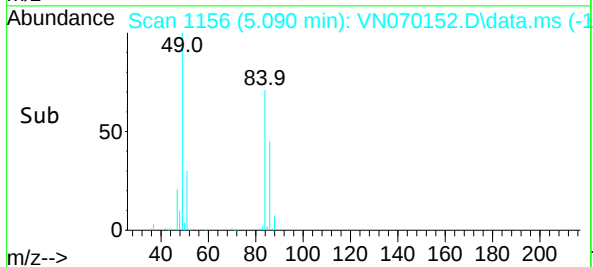
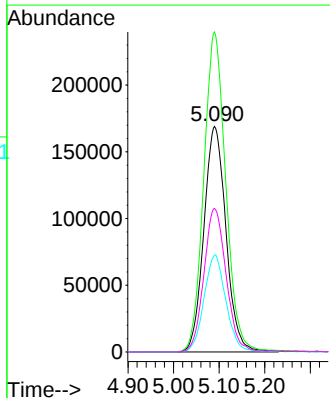
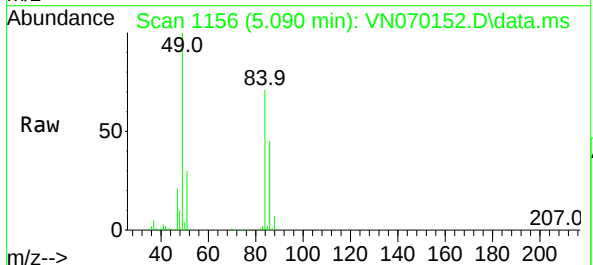
Manual Integrations
APPROVED

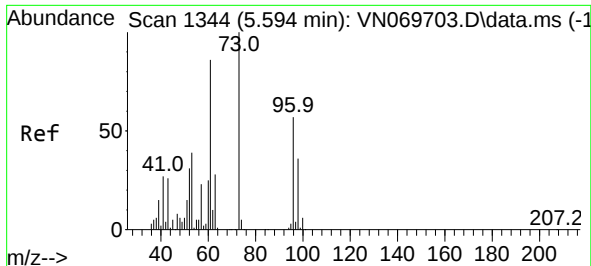
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 49.455 ug/l
RT: 5.090 min Scan# 1156
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

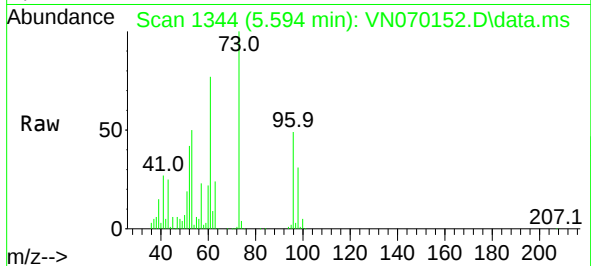
Tgt Ion: 84 Resp: 571551
Ion Ratio Lower Upper
84 100
49 141.7 93.5 140.3#
51 43.0 29.4 44.2
86 63.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.150 ug/l
RT: 5.594 min Scan# 1344
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

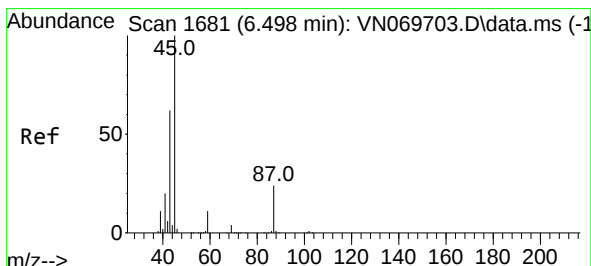
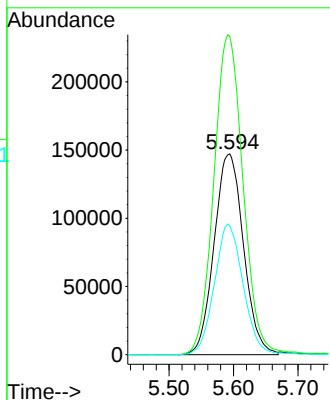
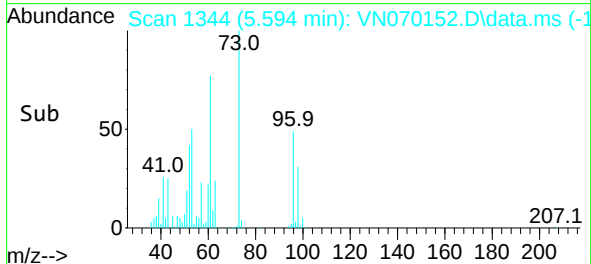
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



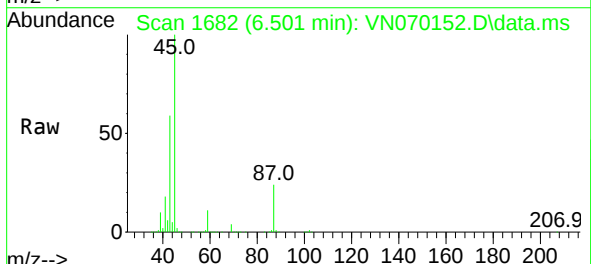
Tgt Ion: 96 Resp: 466289
Ion Ratio Lower Upper
96 100
61 158.3 105.8 158.6
98 64.2 52.0 78.0

Manual Integrations
APPROVED

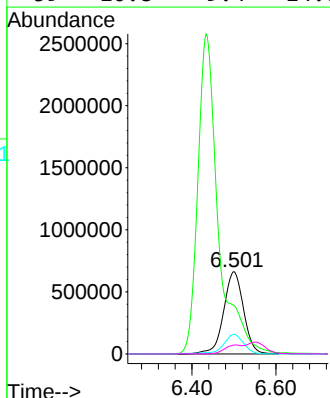
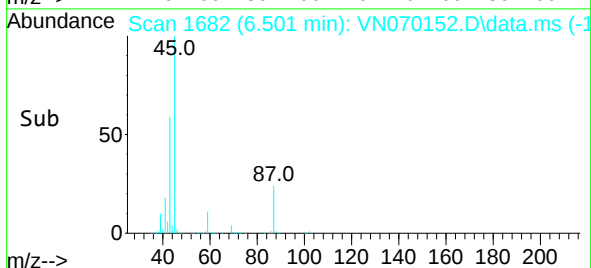
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

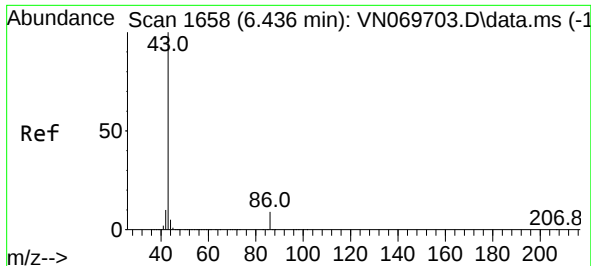


#22
Diisopropyl ether
Concen: 55.581 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



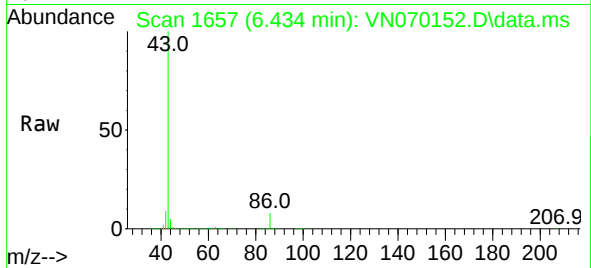
Tgt Ion: 45 Resp: 2182586
Ion Ratio Lower Upper
45 100
43 58.2 51.7 77.5
87 23.7 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 272.906 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070152.D
 Acq: 16 Dec 2021 21:22

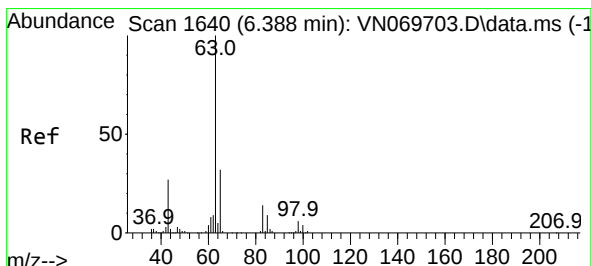
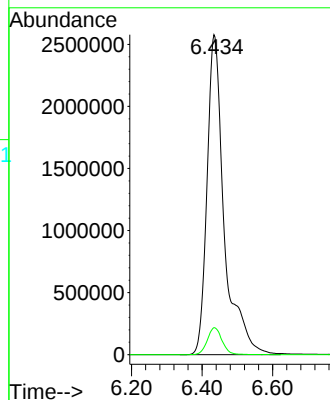
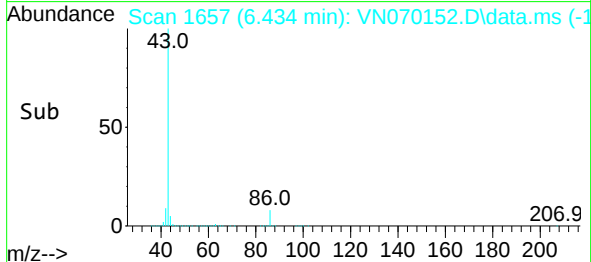
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



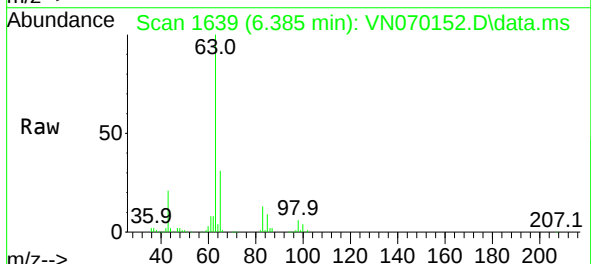
Tgt Ion: 43 Resp: 871862
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

Manual Integrations
 APPROVED

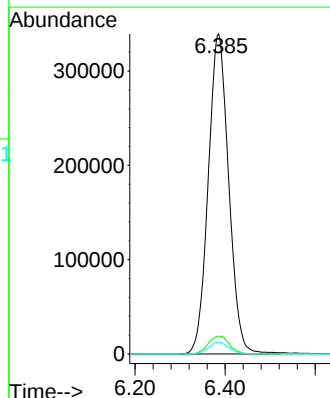
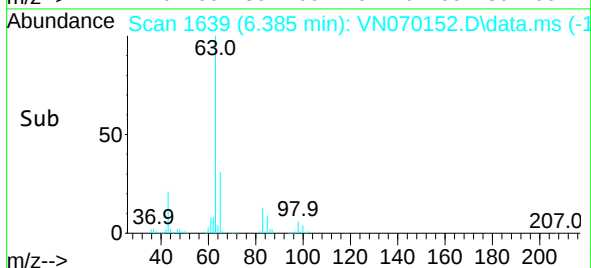
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021

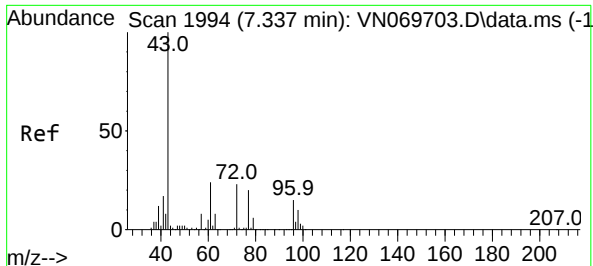


#24
 1,1-Dichloroethane
 Concen: 52.696 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070152.D
 Acq: 16 Dec 2021 21:22



Tgt Ion: 63 Resp: 1071916
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.5 2.1 6.5





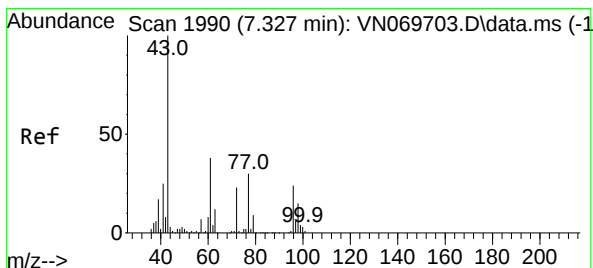
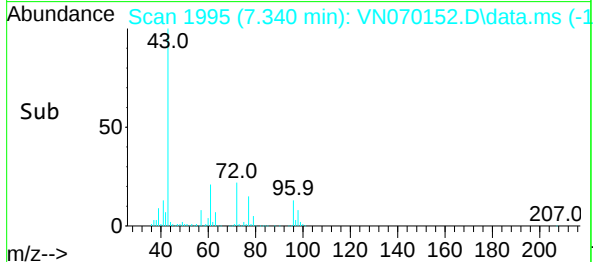
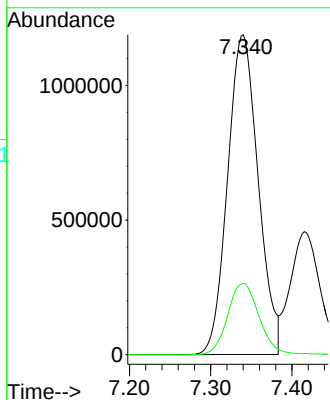
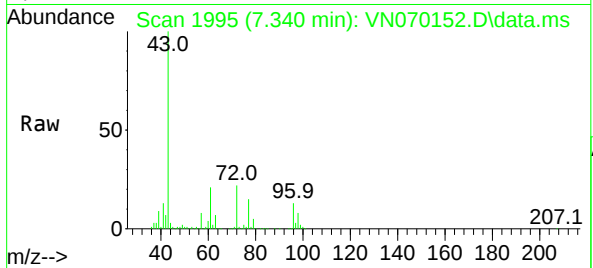
#25
2-Butanone
Concen: 263.409 ug/l
RT: 7.340 min Scan# 1994
Delta R.T. 0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 311139
Ion Ratio Lower Upper
43 100
72 22.3 21.7 32.5

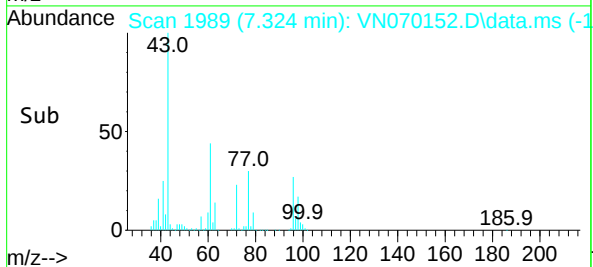
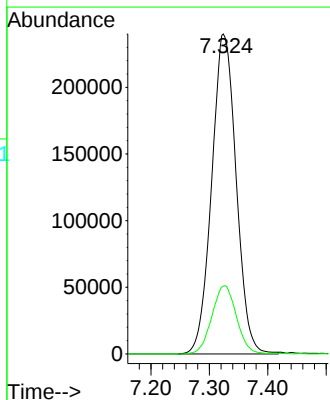
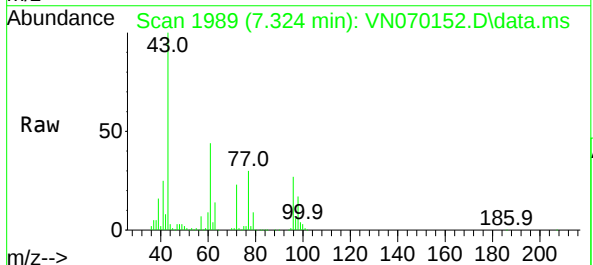
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#26
2,2-Dichloropropane
Concen: 44.210 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

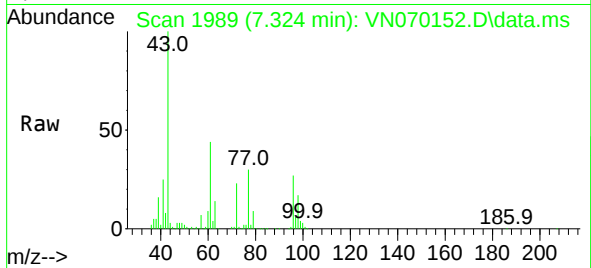
Tgt Ion: 77 Resp: 699218
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 50.777 ug/l
 RT: 7.324 min Scan# 1989
 Delta R.T. -0.003 min
 Lab File: VN070152.D
 Acq: 16 Dec 2021 21:22

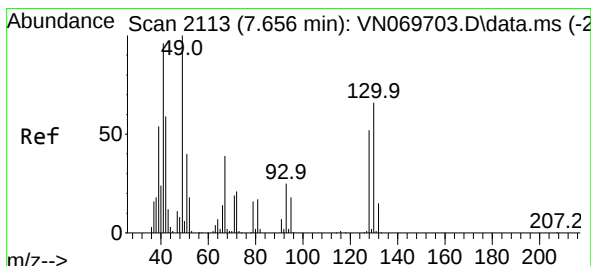
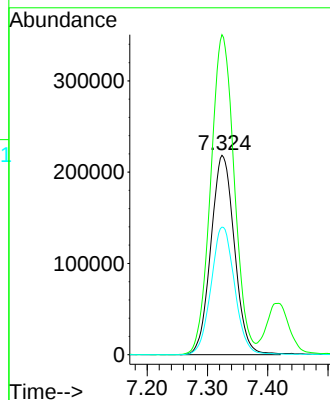
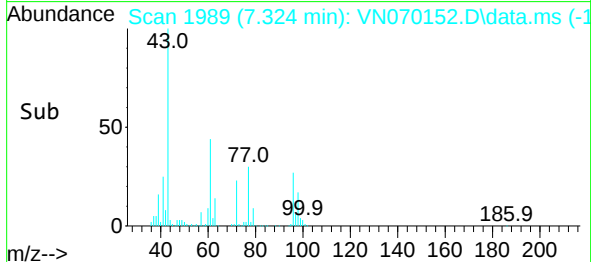
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 59410
 Ion Ratio Lower Upper
 96 100
 61 160.5 0.0 275.0
 98 64.2 0.0 129.6

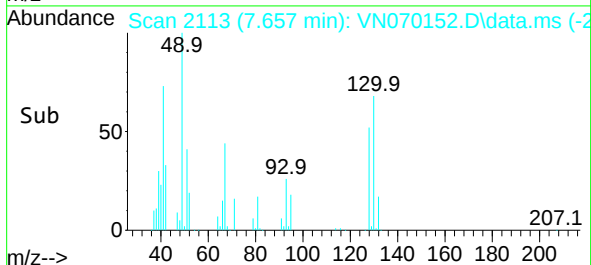
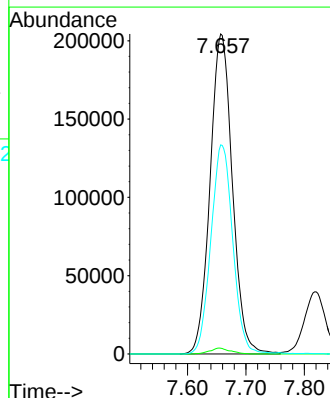
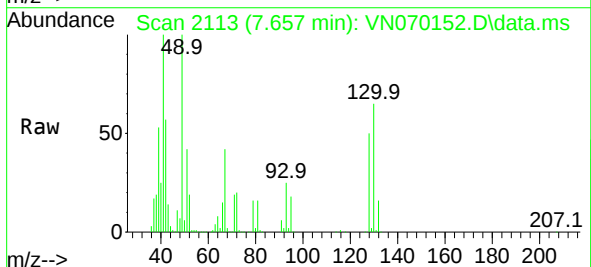
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#28
 Bromochloromethane
 Concen: 51.232 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070152.D
 Acq: 16 Dec 2021 21:22

Tgt Ion: 49 Resp: 541930
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 64.1 67.8 101.8#





#29

Tetrahydrofuran

Concen: 281.399 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070152.D

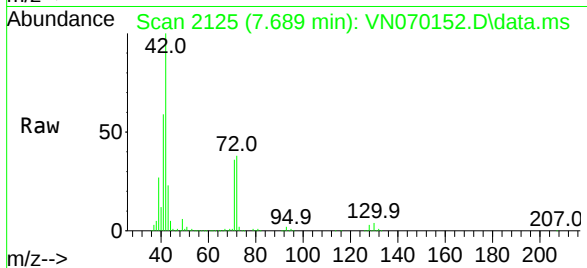
Acq: 16 Dec 2021 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 201834

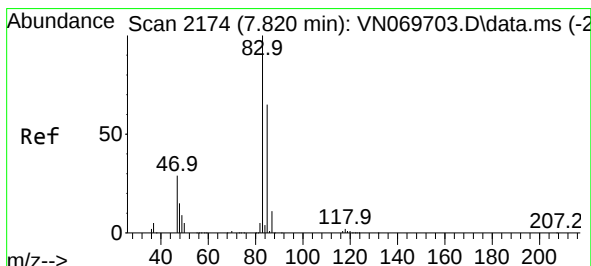
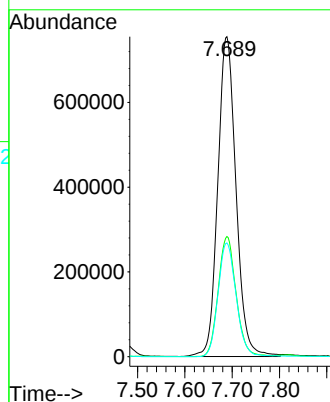
Ion	Ratio	Lower	Upper
42	100		
72	36.9	36.3	54.5
71	35.1	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 52.013 ug/l

RT: 7.820 min Scan# 2174

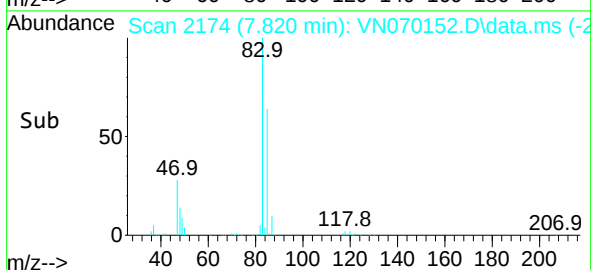
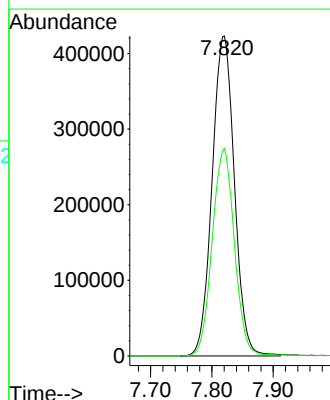
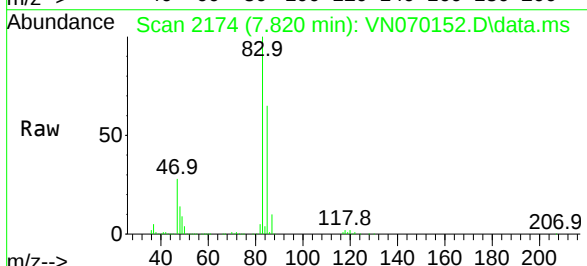
Delta R.T. 0.000 min

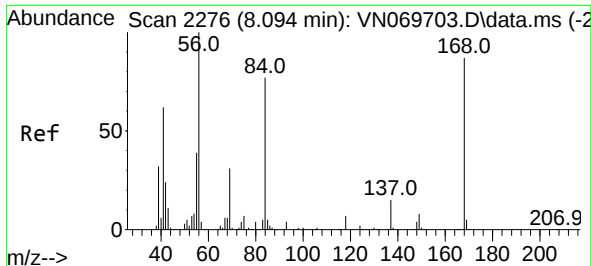
Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

Tgt Ion: 83 Resp: 1068527

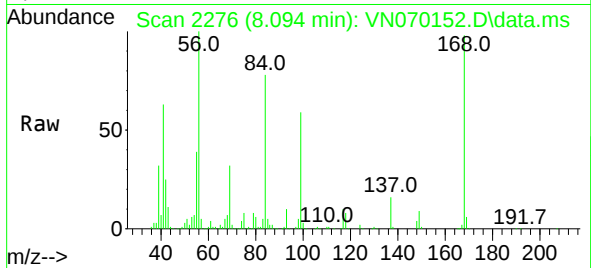
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.9	77.9





#31
Cyclohexane
Concen: 46.553 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

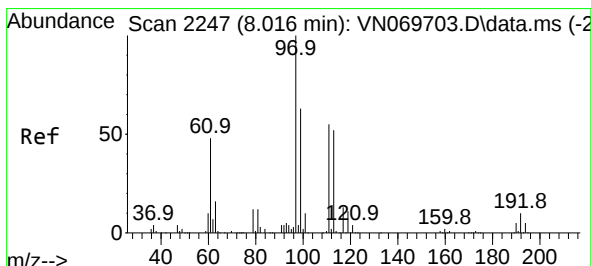
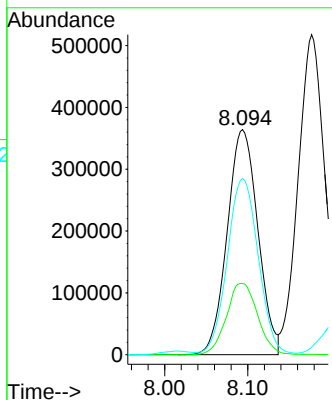
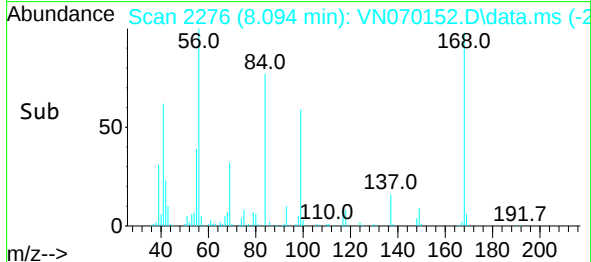
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



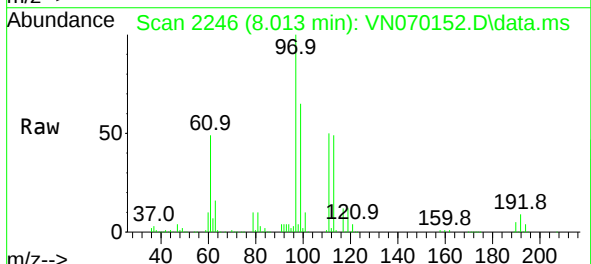
Tgt Ion: 56 Resp: 93627
Ion Ratio Lower Upper
56 100
69 31.6 27.1 40.7
84 76.7 73.4 110.0

Manual Integrations
APPROVED

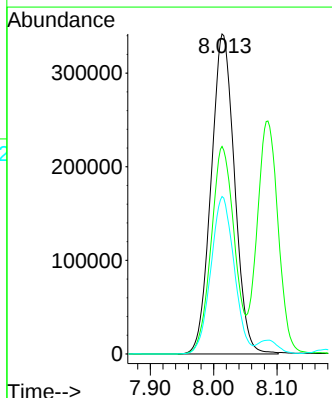
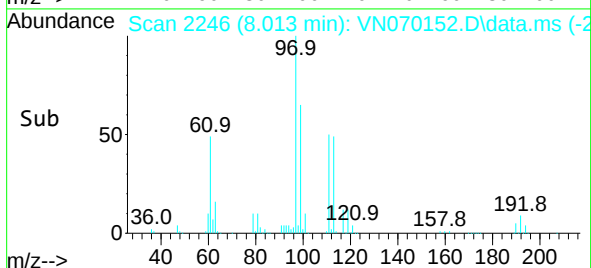
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

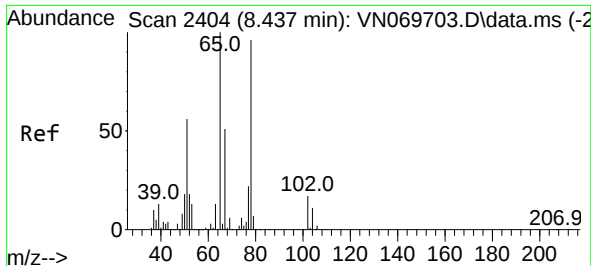


#32
1,1,1-Trichloroethane
Concen: 50.250 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



Tgt Ion: 97 Resp: 879342
Ion Ratio Lower Upper
97 100
99 63.9 50.1 75.1
61 49.1 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.363 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070152.D

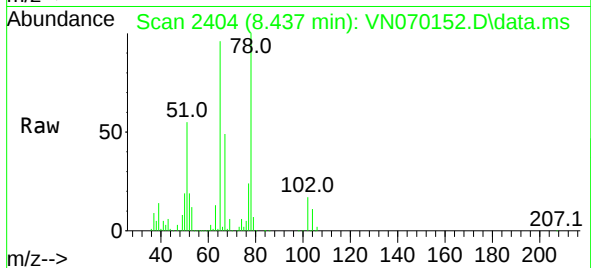
Acq: 16 Dec 2021 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 65 Resp: 698940

Ion Ratio Lower Upper

65 100

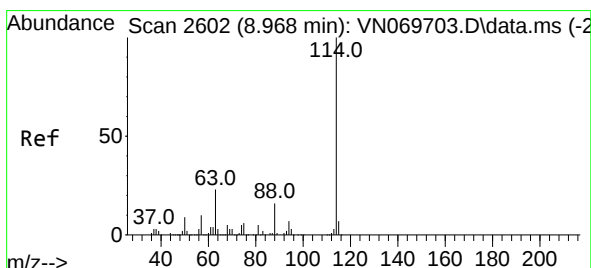
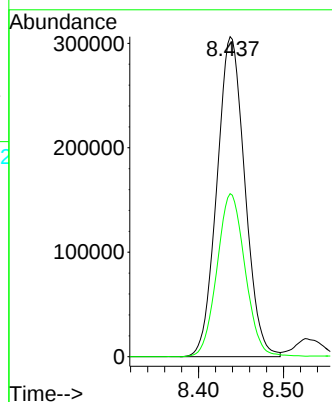
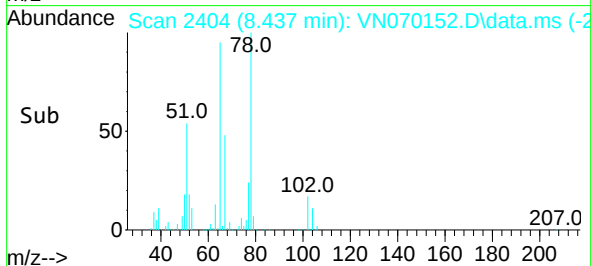
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

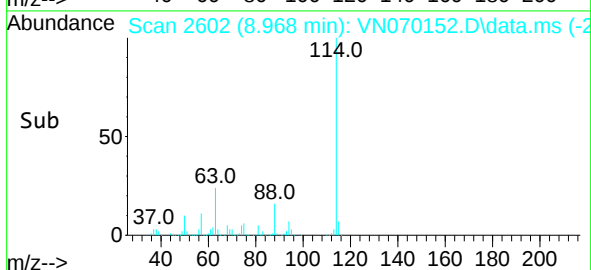
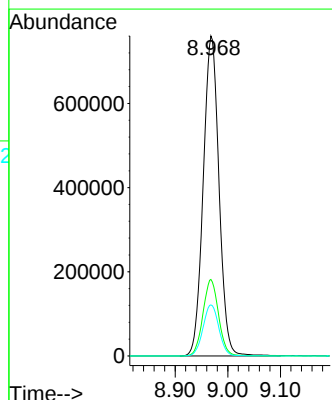
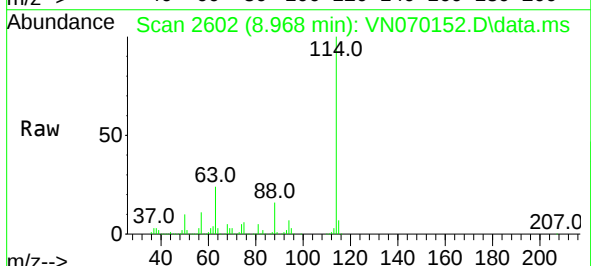
Tgt Ion:114 Resp: 1580017

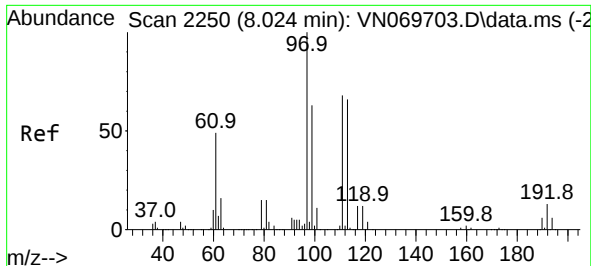
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

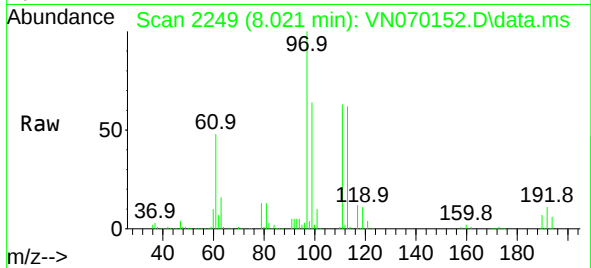
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.825 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

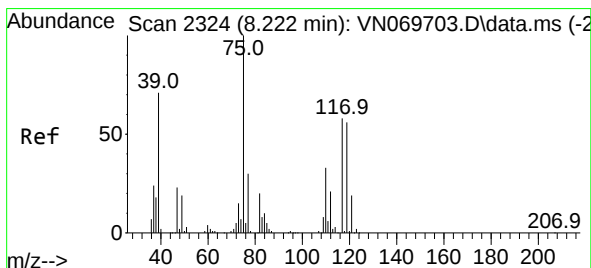
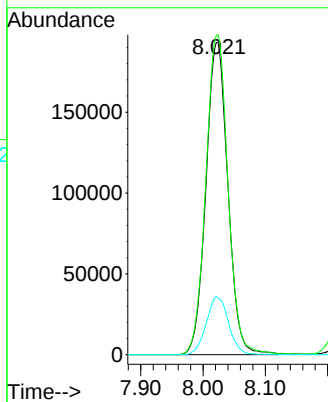
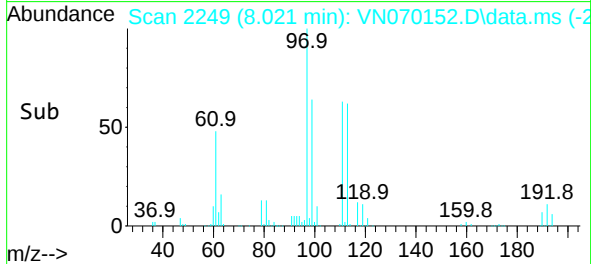
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



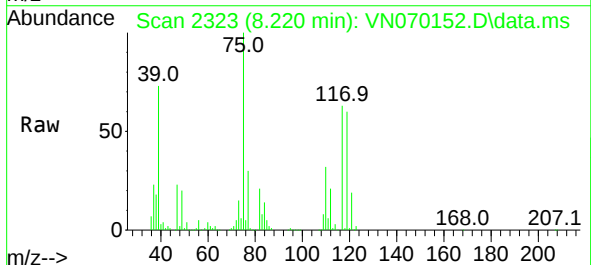
Tgt Ion: 113 Resp: 47331
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 18.9 16.9 25.3

Manual Integrations
APPROVED

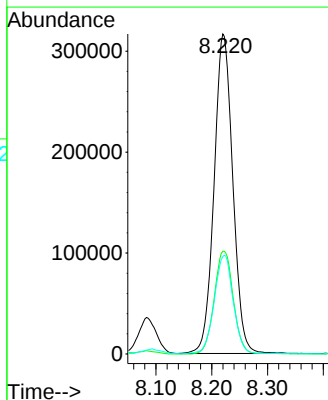
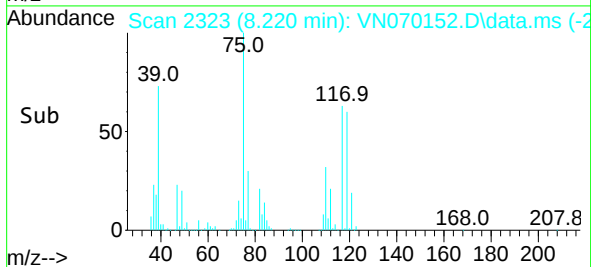
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

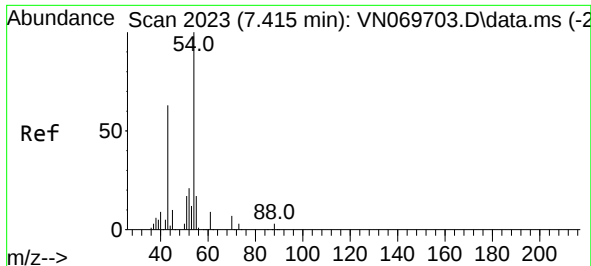


#36
1,1-Dichloropropene
Concen: 49.069 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



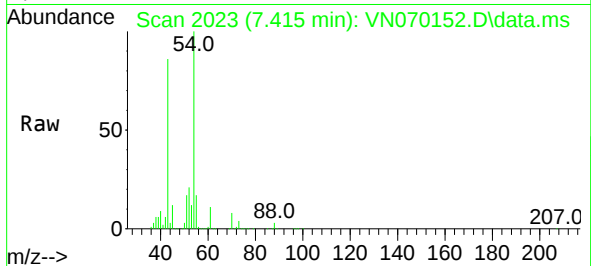
Tgt Ion: 75 Resp: 738060
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 31.4 24.4 36.6





#37
Ethyl Acetate
Concen: 52.608 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

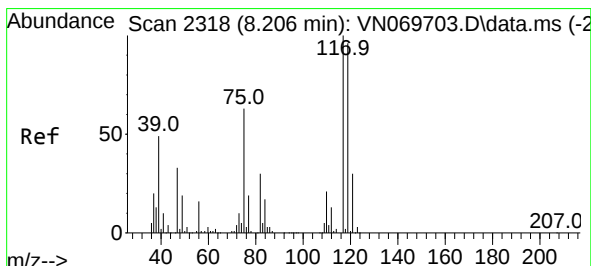
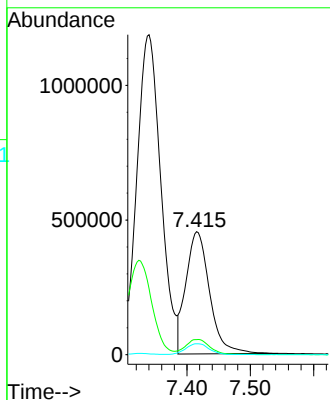
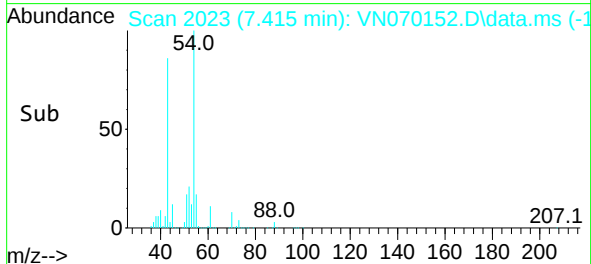
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 117772
Ion Ratio Lower Upper
43 100
61 12.2 11.5 17.3
70 8.7 7.9 11.9

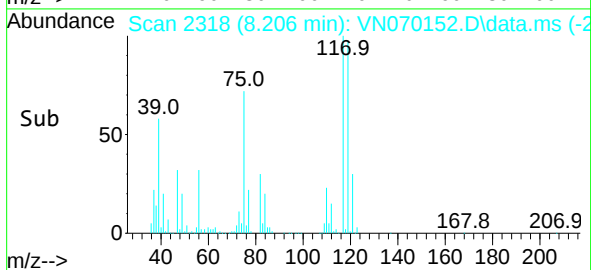
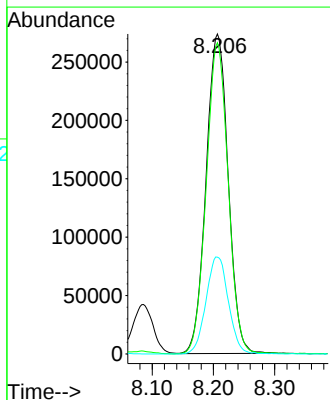
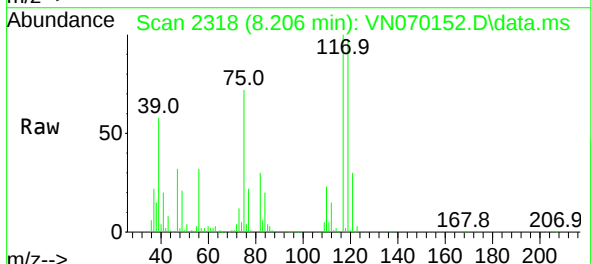
Manual Integrations
APPROVED

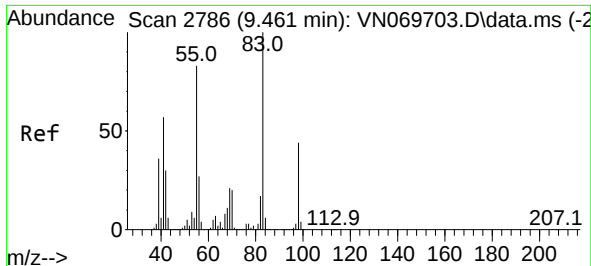
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 46.555 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

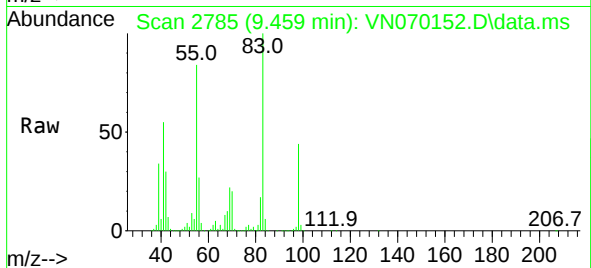
Tgt Ion:117 Resp: 686679
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 30.3 24.2 36.2





#39
Methylcyclohexane
Concen: 47.801 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

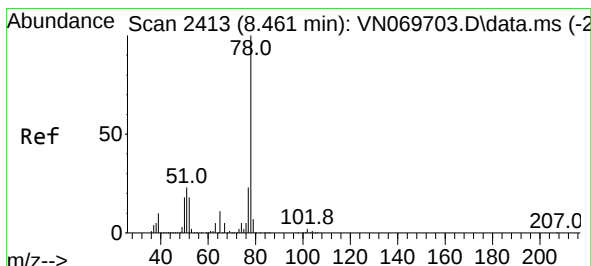
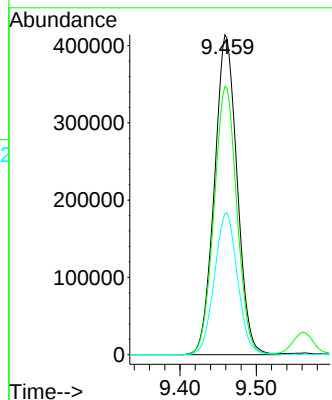
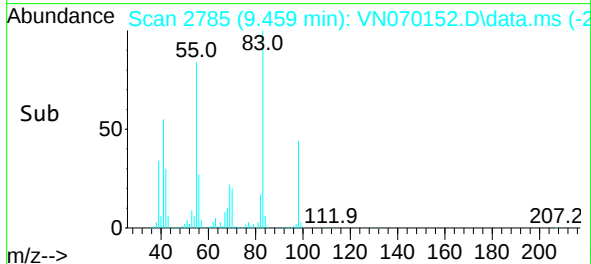
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 85521
Ion Ratio Lower Upper
83 100
55 83.9 58.1 87.1
98 44.1 38.4 57.6

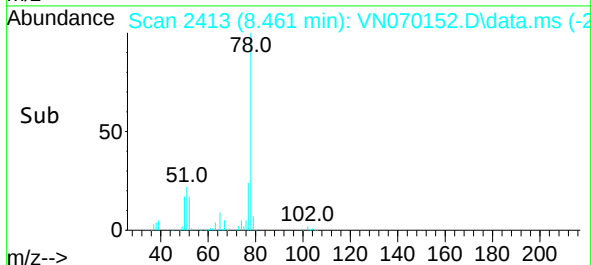
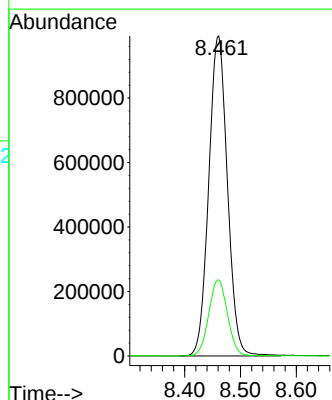
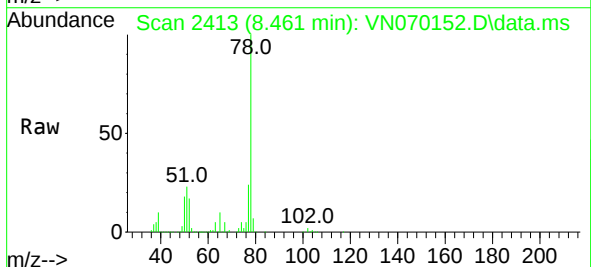
Manual Integrations
APPROVED

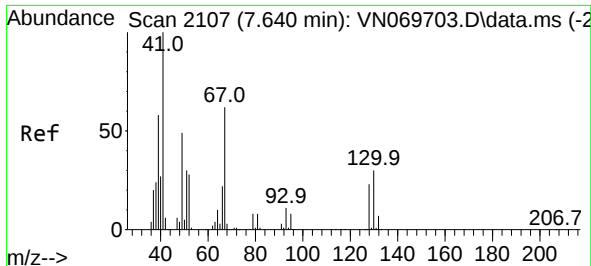
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#40
Benzene
Concen: 50.165 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

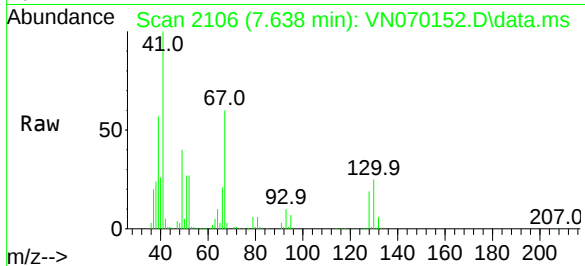
Tgt Ion: 78 Resp: 2306365
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 57.218 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

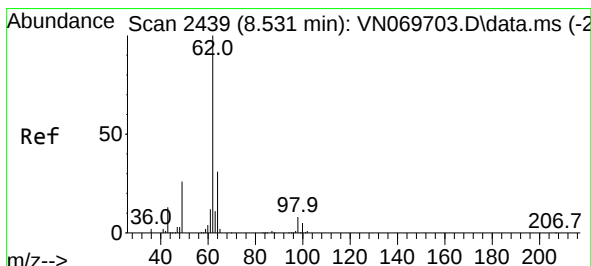
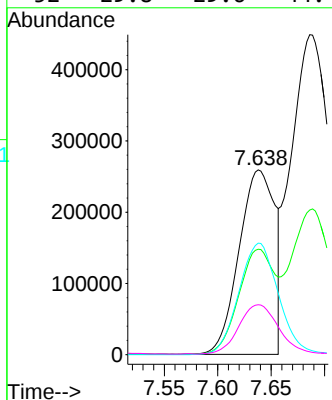
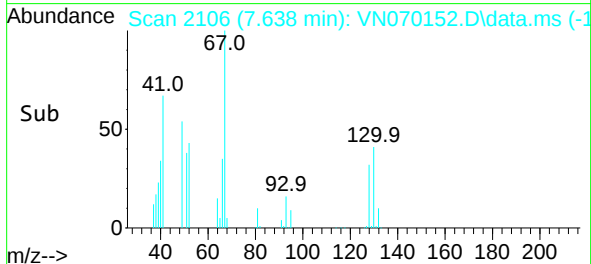
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 60131
Ion Ratio Lower Upper
41 100
39 56.5 48.1 72.1
67 67.3 68.3 102.5
52 29.8 29.6 44.4

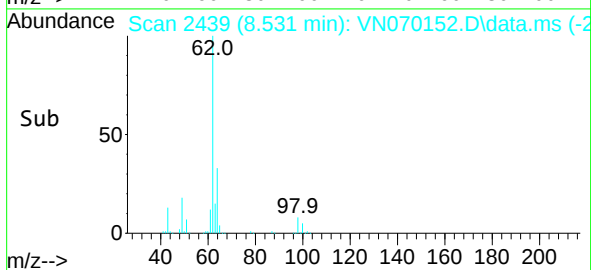
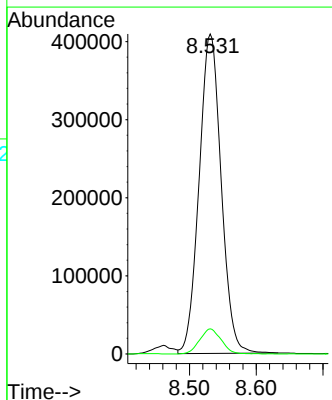
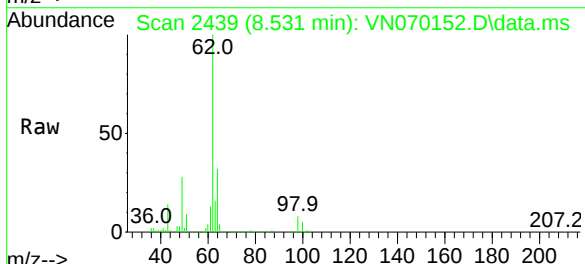
Manual Integrations
APPROVED

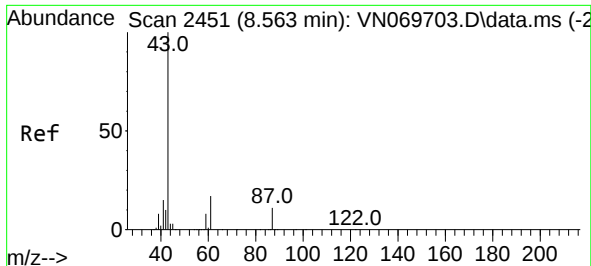
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 50.610 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

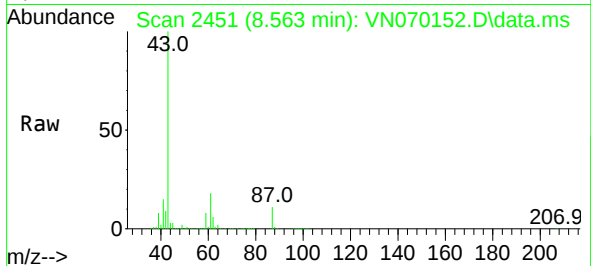
Tgt Ion: 62 Resp: 939283
Ion Ratio Lower Upper
62 100
98 7.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.173 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

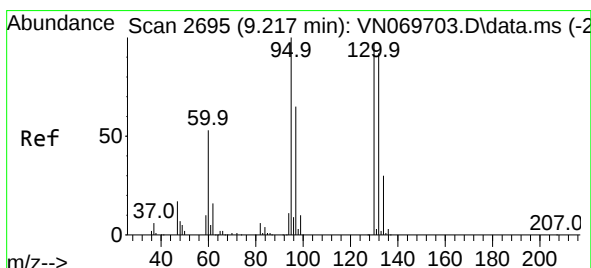
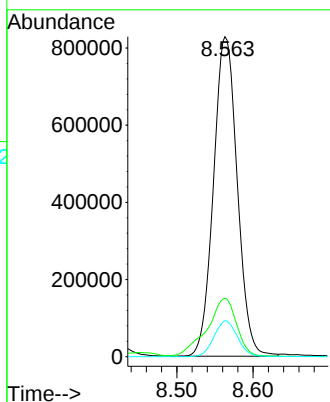
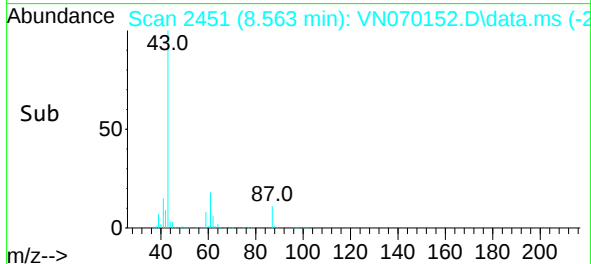
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1794711
Ion Ratio Lower Upper
43 100
61 22.6 20.4 30.6
87 11.1 11.2 16.8

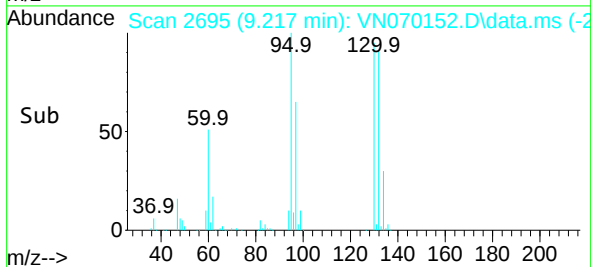
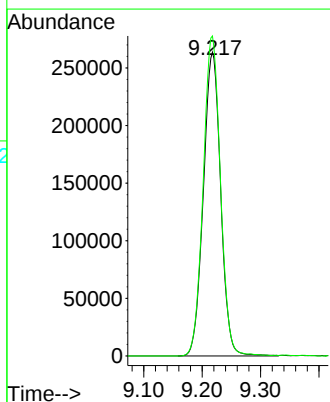
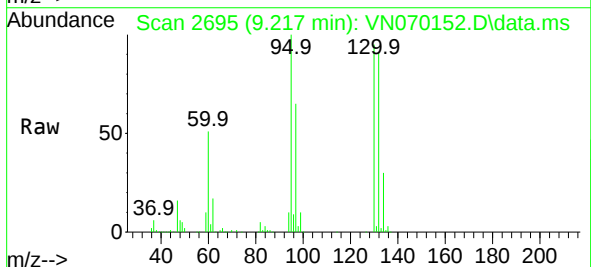
Manual Integrations
APPROVED

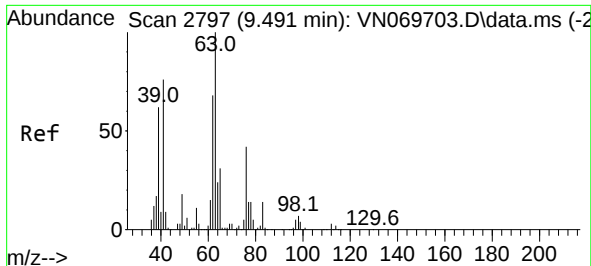
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#44
Trichloroethene
Concen: 49.381 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Tgt Ion:130 Resp: 541877
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.371 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 64657

Ion Ratio Lower Upper

63 100

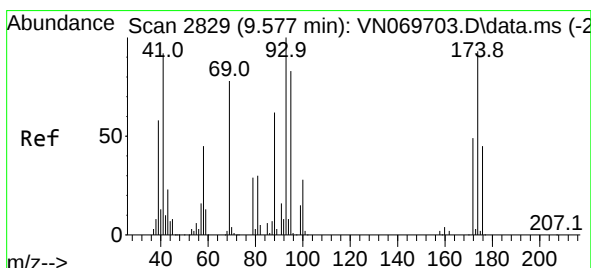
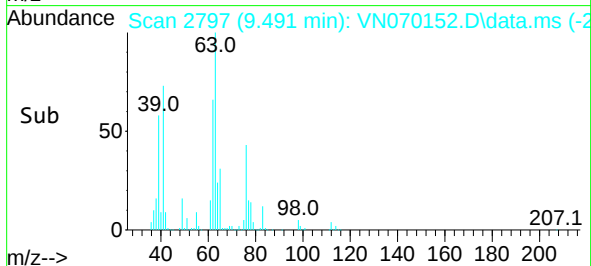
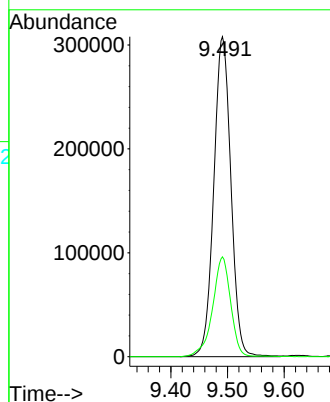
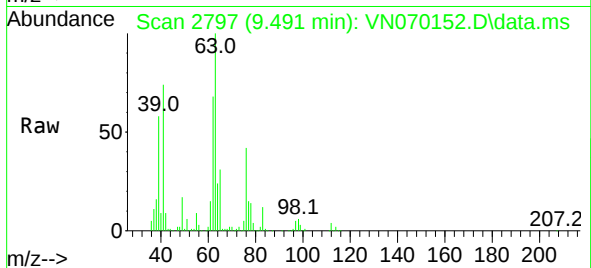
65 31.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 50.448 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

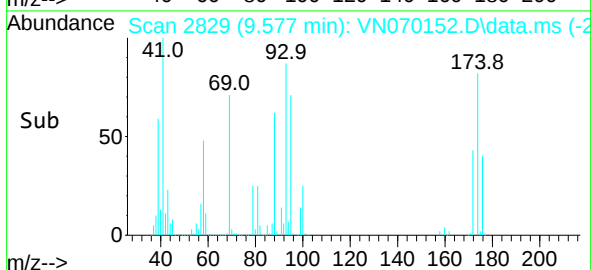
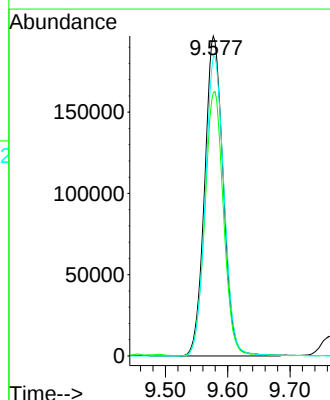
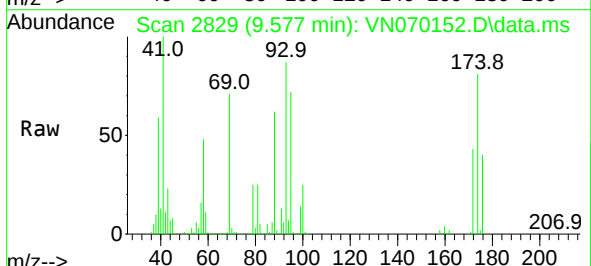
Tgt Ion: 93 Resp: 408474

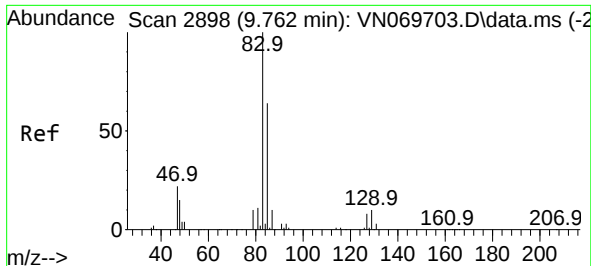
Ion Ratio Lower Upper

93 100

95 82.8 65.9 98.9

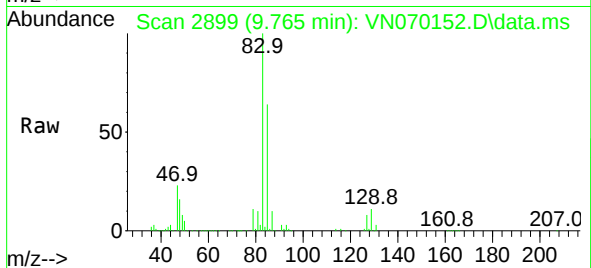
174 94.2 84.6 127.0





#47
Bromodichloromethane
Concen: 51.725 ug/l
RT: 9.765 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

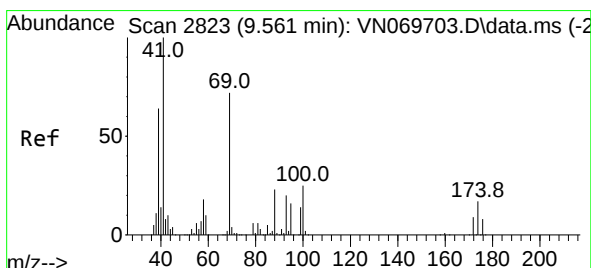
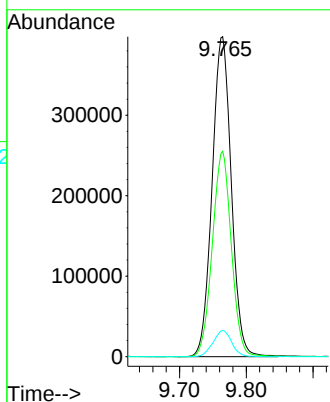
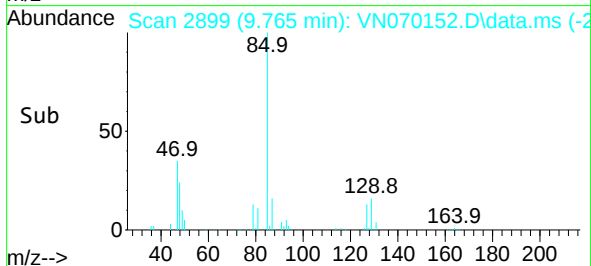
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 792962
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.2 7.1 10.7

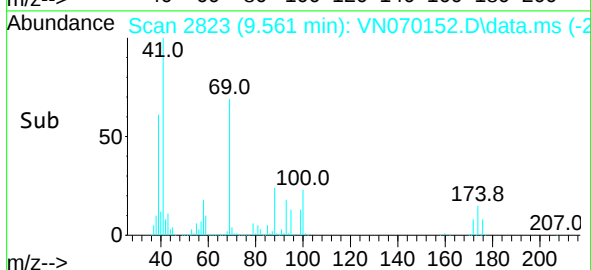
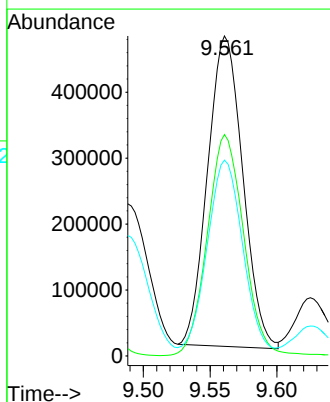
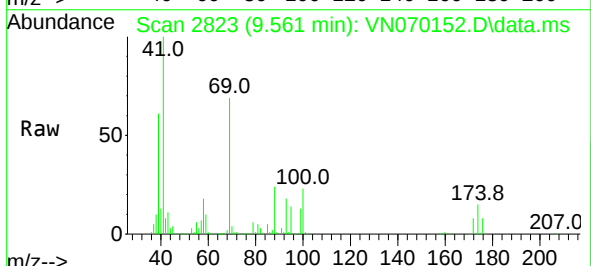
Manual Integrations
APPROVED

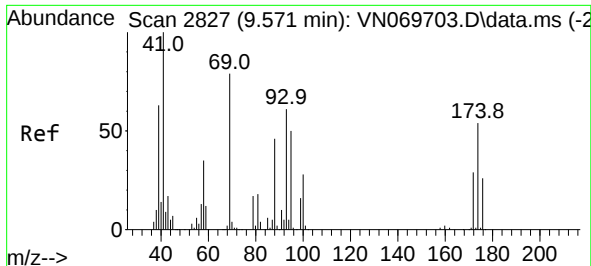
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#48
Methyl methacrylate
Concen: 55.724 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Tgt Ion: 41 Resp: 861525
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 64.6 58.4 87.6





#49

1,4-Dioxane

Concen: 1183.382 ug/l

RT: 9.571 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070152.D

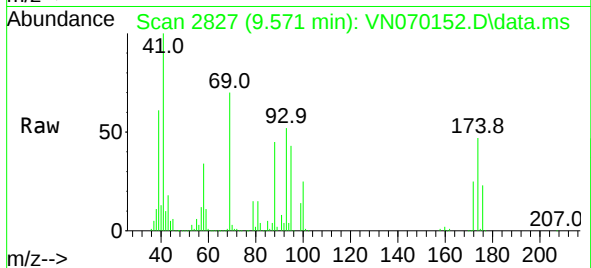
Acq: 16 Dec 2021 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 32828

Ion Ratio Lower Upper

88 100

43 36.5 23.4 35.2

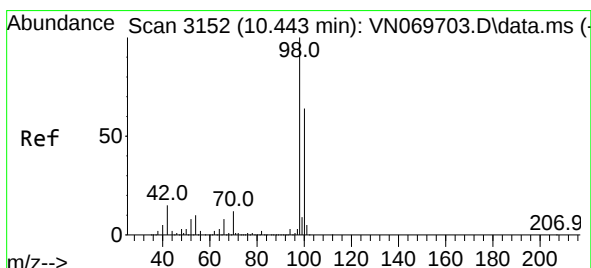
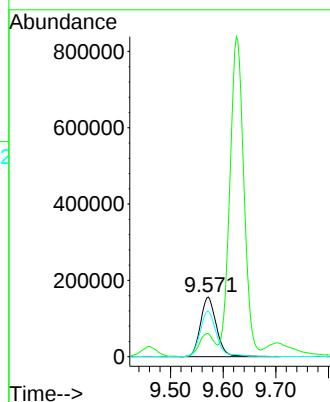
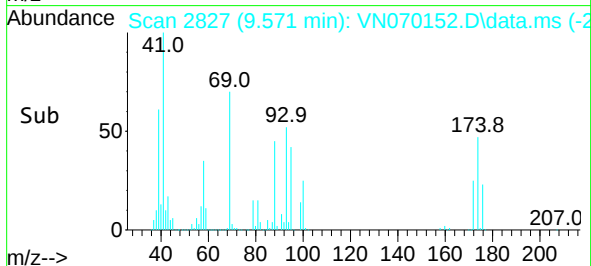
58 78.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 47.045 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070152.D

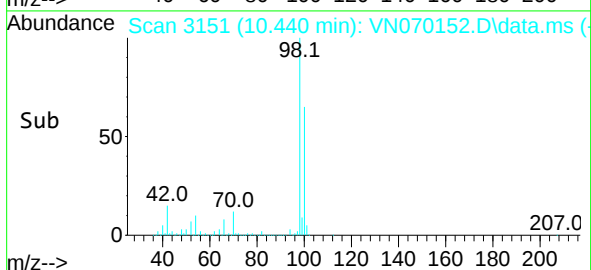
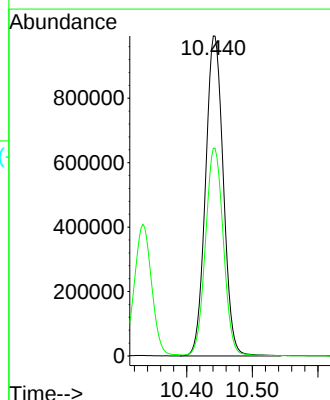
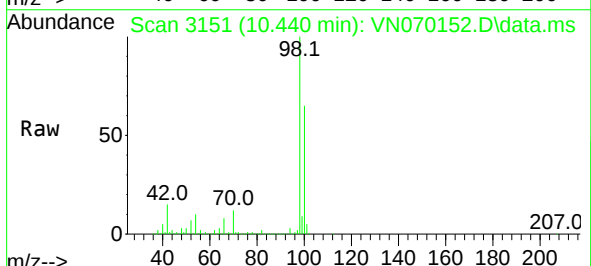
Acq: 16 Dec 2021 21:22

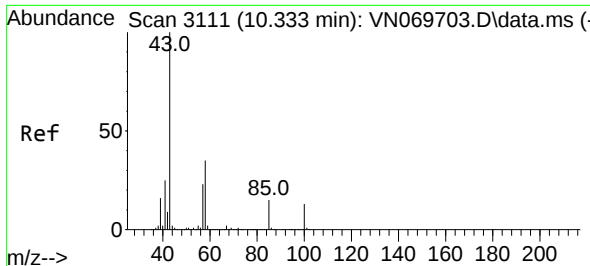
Tgt Ion: 98 Resp: 1869533

Ion Ratio Lower Upper

98 100

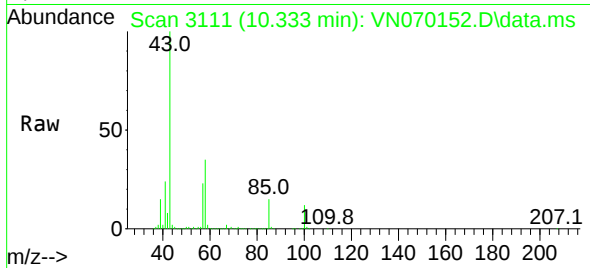
100 65.4 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 291.720 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

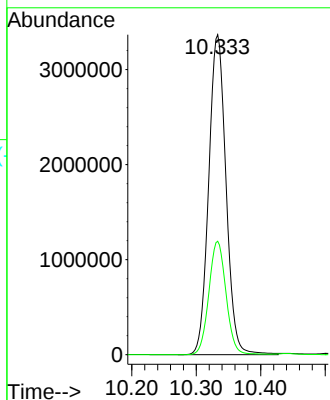
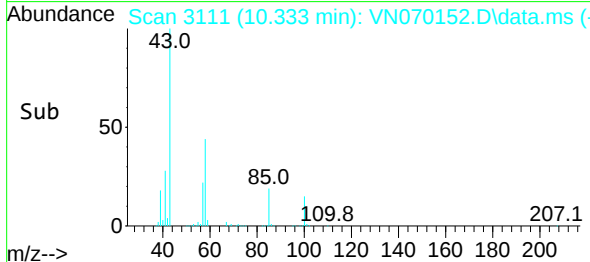
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 626958
Ion Ratio Lower Upper
43 100
58 35.3 30.4 45.6

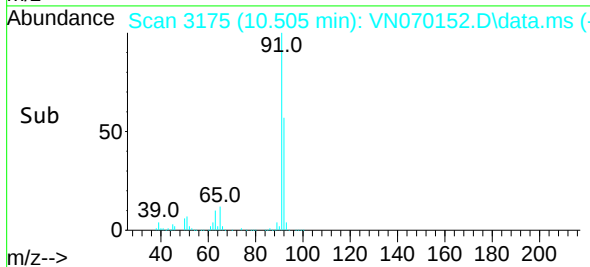
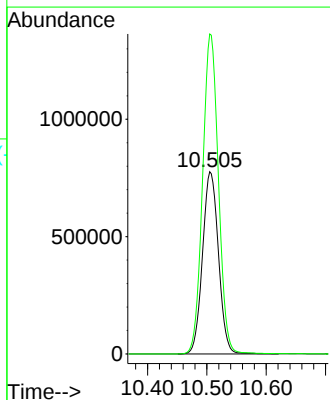
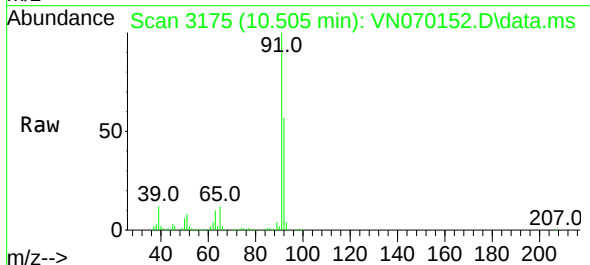
Manual Integrations
APPROVED

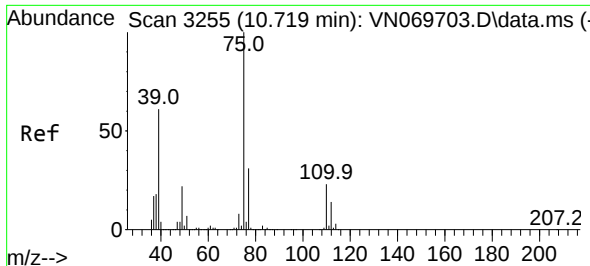
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 51.481 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

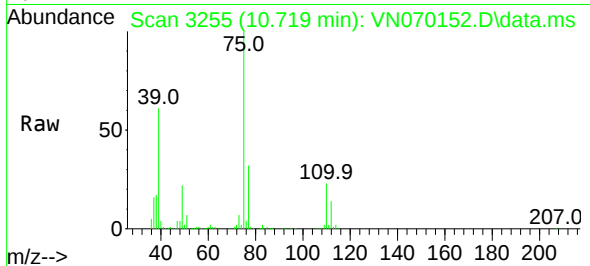
Tgt Ion: 92 Resp: 1445005
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 46.008 ug/l
RT: 10.719 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

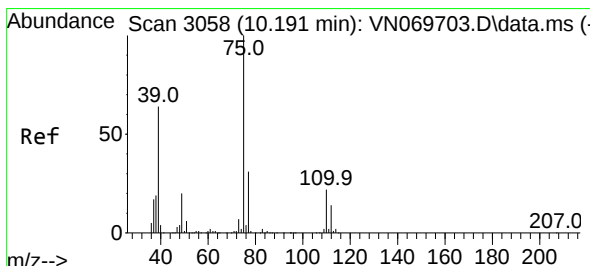
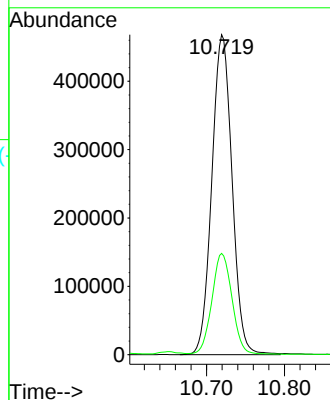
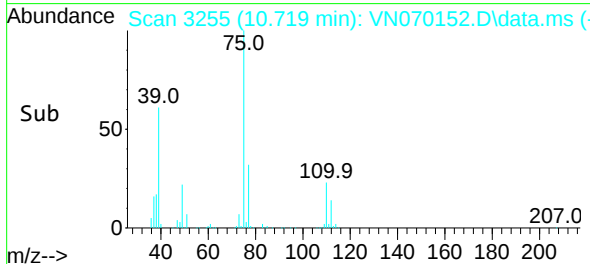
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



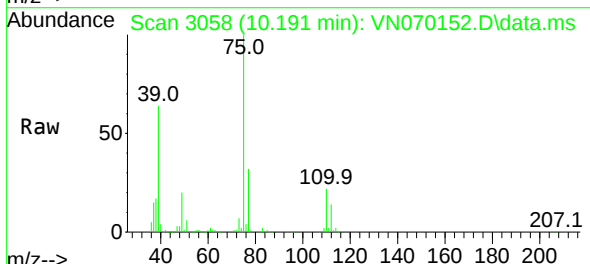
Tgt Ion: 75 Resp: 84409
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
APPROVED

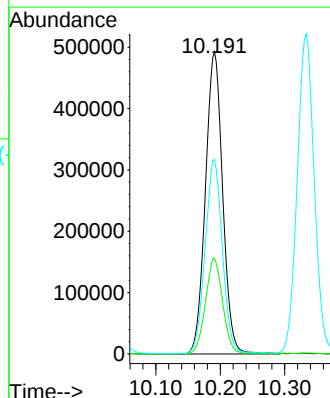
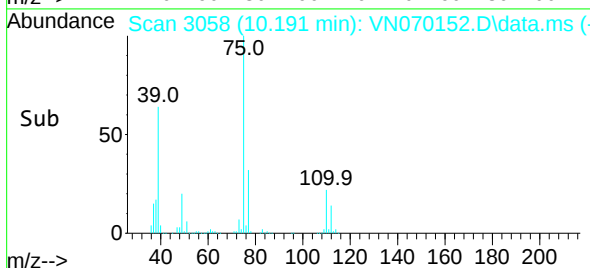
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

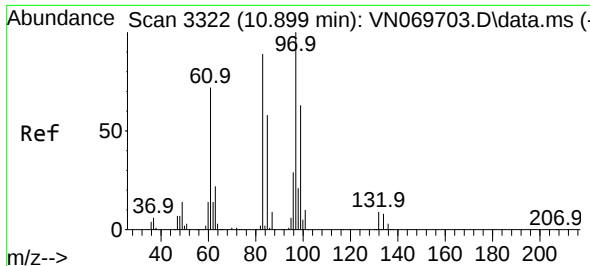


#54
cis-1,3-Dichloropropene
Concen: 47.490 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



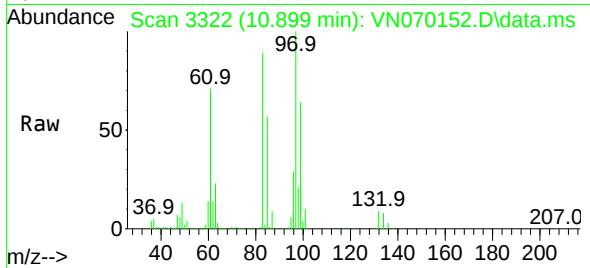
Tgt Ion: 75 Resp: 917097
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 64.3 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 52.339 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

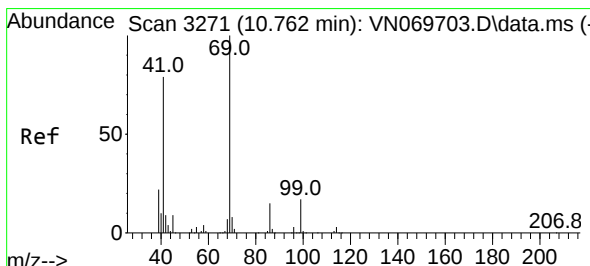
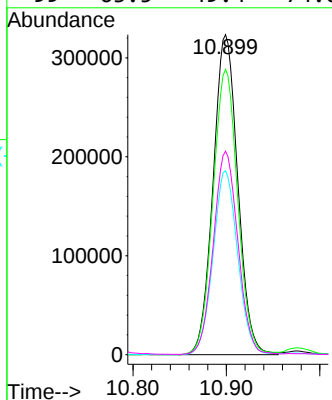
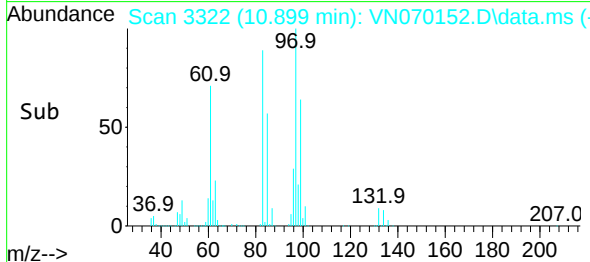
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



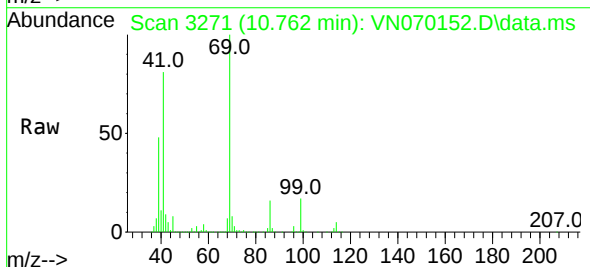
Tgt Ion: 97 Resp: 592750
Ion Ratio Lower Upper
97 100
83 89.2 67.8 101.6
85 57.5 45.4 68.2
99 63.5 49.4 74.0

Manual Integrations
APPROVED

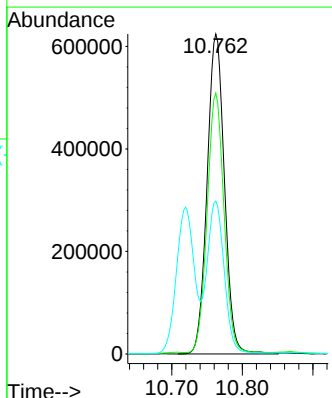
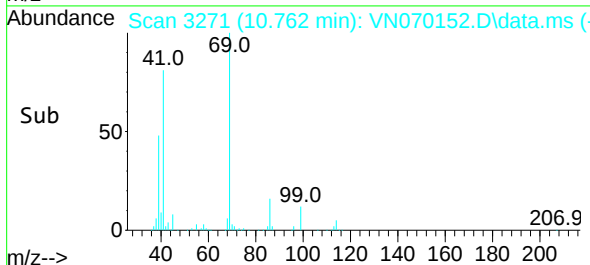
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

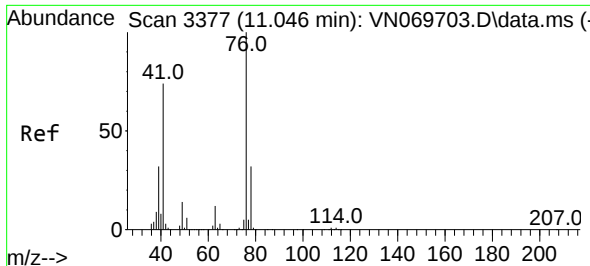


#56
Ethyl methacrylate
Concen: 49.885 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



Tgt Ion: 69 Resp: 1065873
Ion Ratio Lower Upper
69 100
41 79.0 51.4 77.0#
39 46.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 53.204 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 106096

Ion Ratio Lower Upper

76 100

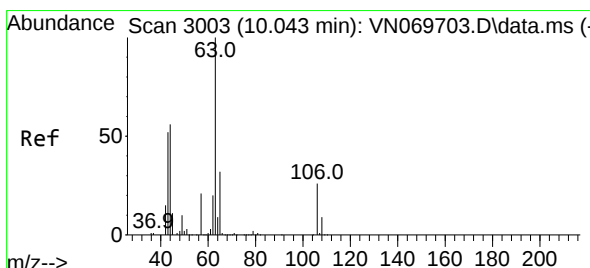
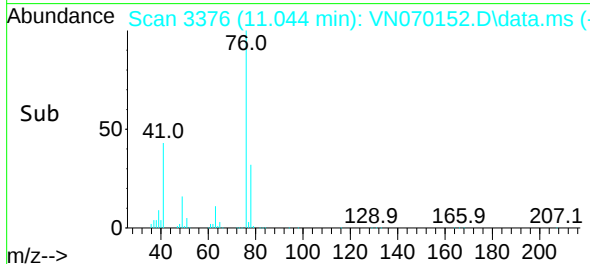
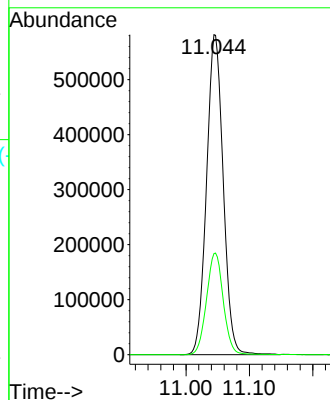
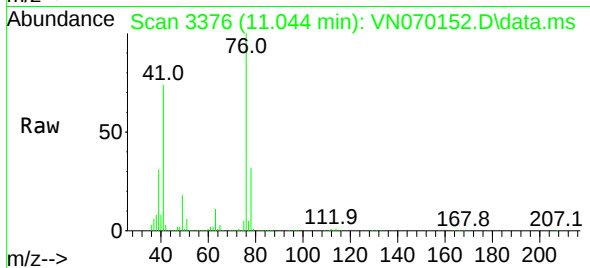
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 373.301 ug/l

RT: 10.044 min Scan# 3003

Delta R.T. 0.001 min

Lab File: VN070152.D

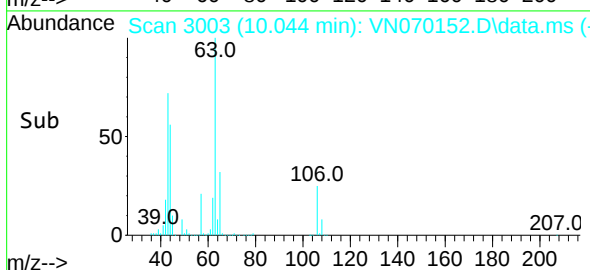
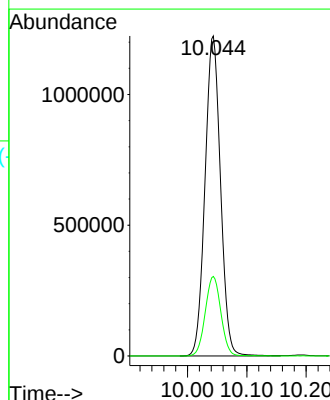
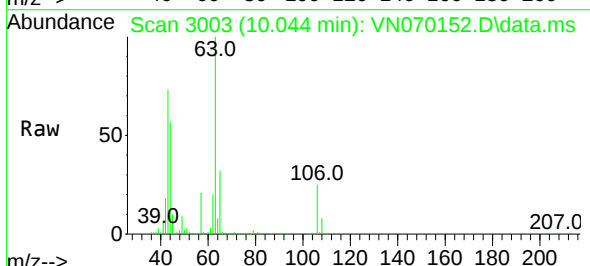
Acq: 16 Dec 2021 21:22

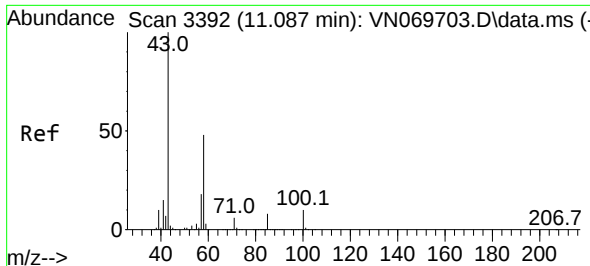
Tgt Ion: 63 Resp: 2210656

Ion Ratio Lower Upper

63 100

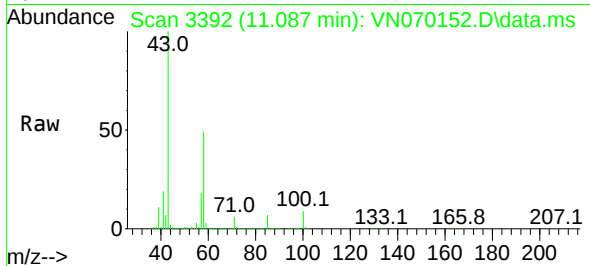
106 25.1 23.9 35.9





#59
2-Hexanone
Concen: 287.611 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

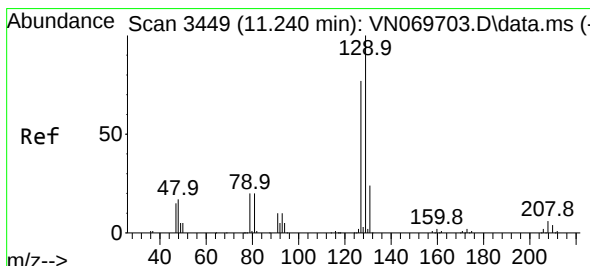
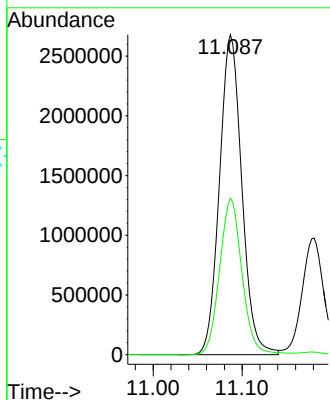
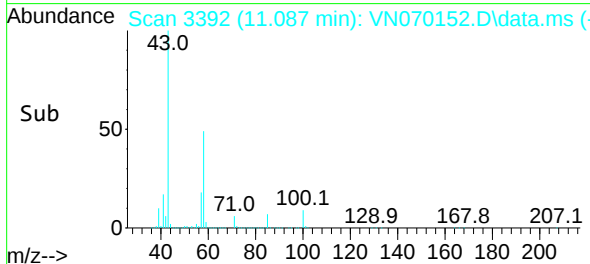
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 467593
Ion Ratio Lower Upper
43 100
58 49.0 26.9 80.7

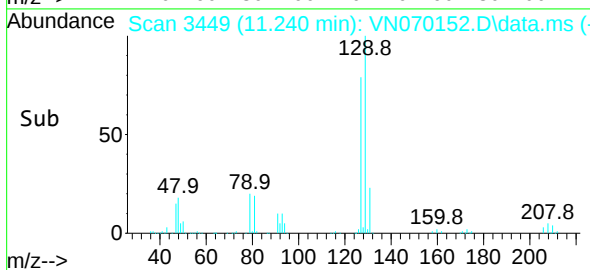
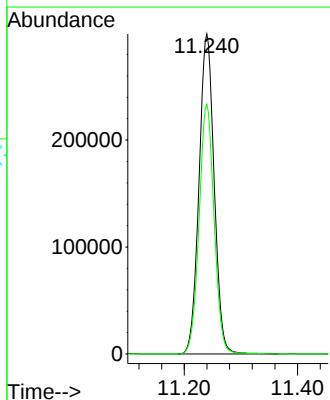
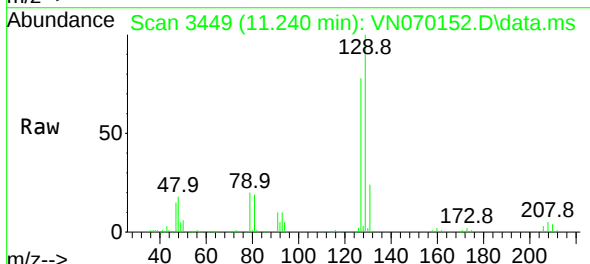
Manual Integrations
APPROVED

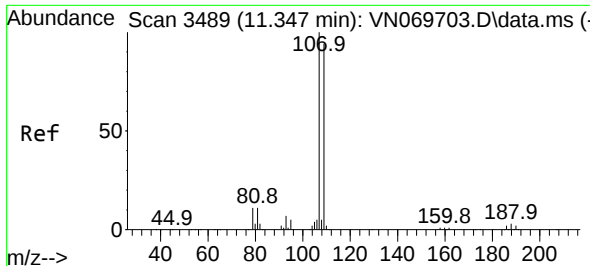
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 45.905 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

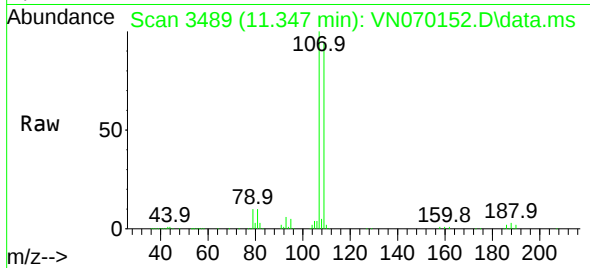
Tgt Ion:129 Resp: 554555
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 52.089 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

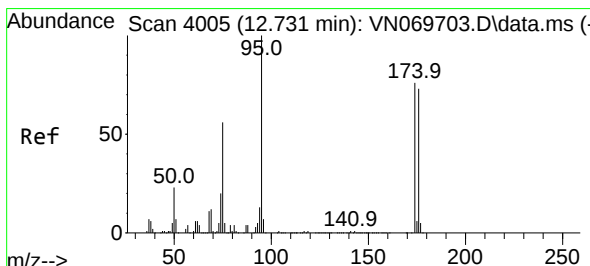
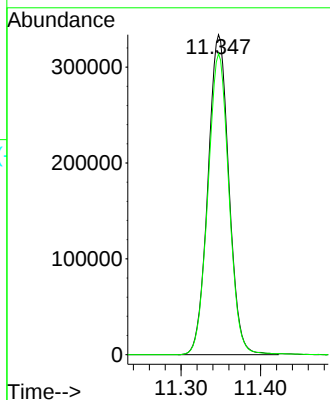
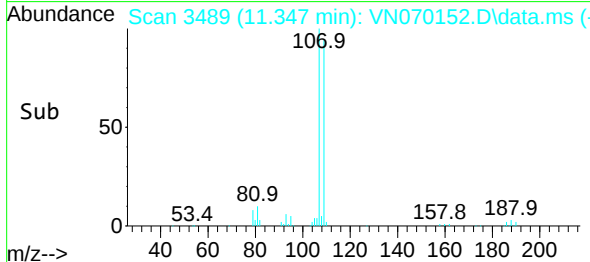
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



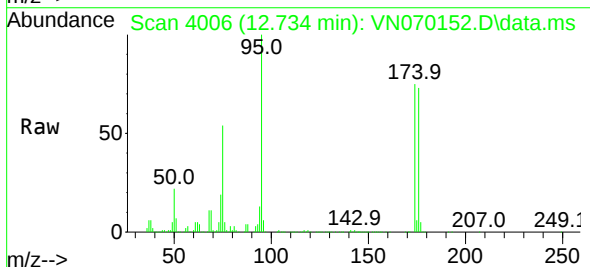
Tgt Ion:107 Resp: 611015
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

Manual Integrations
APPROVED

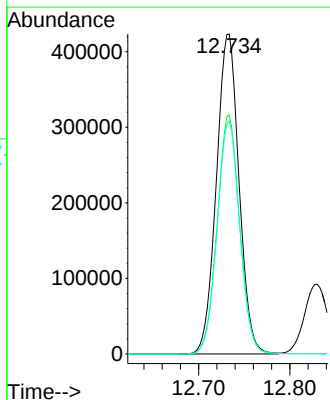
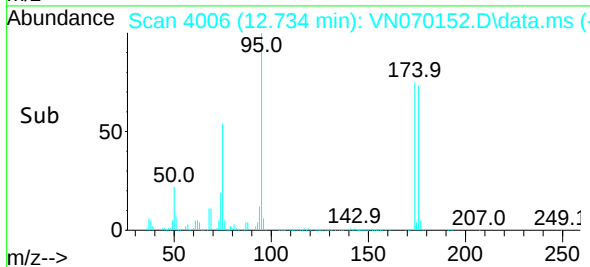
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

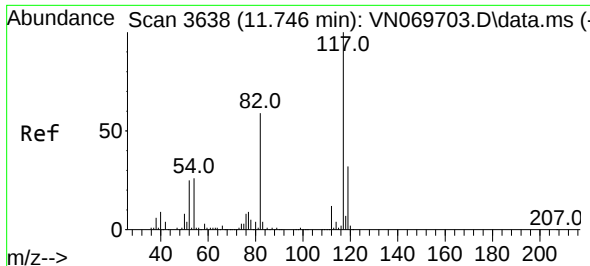


#62
4-Bromofluorobenzene
Concen: 50.692 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



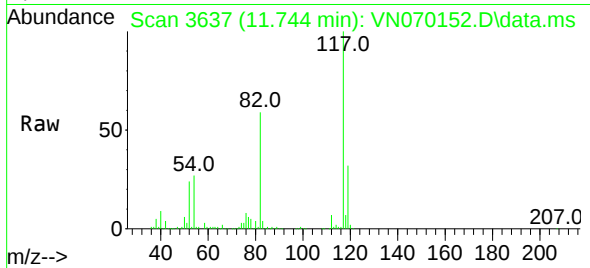
Tgt Ion: 95 Resp: 729799
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.5 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

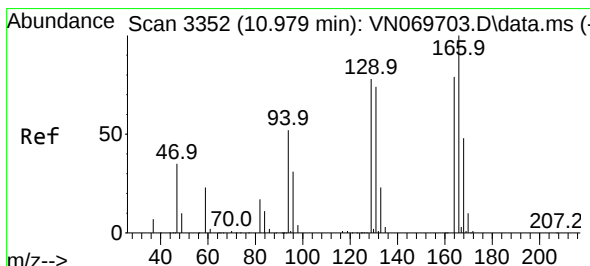
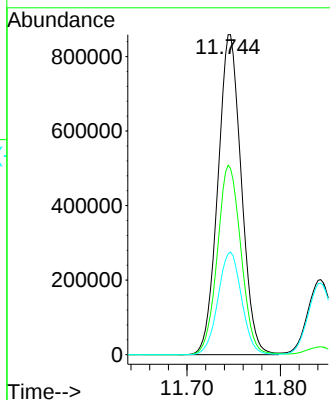
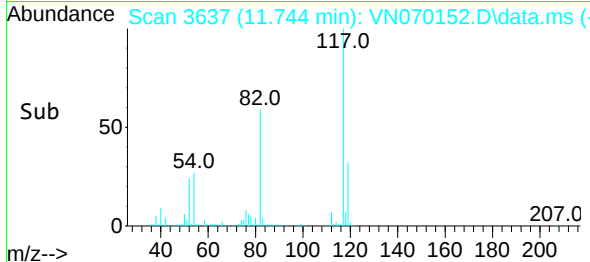
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 1497140
Ion Ratio Lower Upper
117 100
82 59.2 42.4 63.6
119 31.5 25.4 38.2

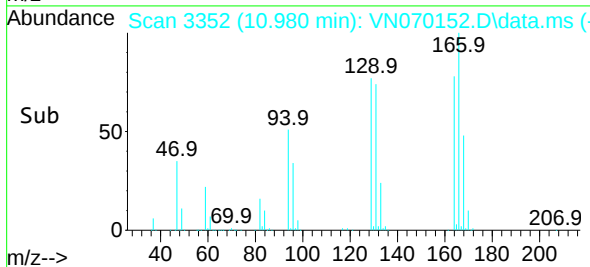
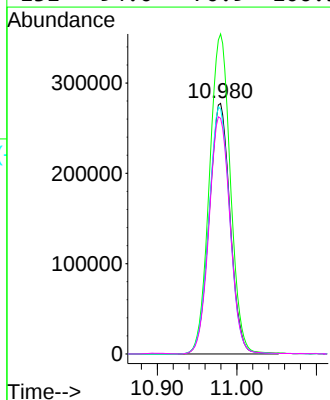
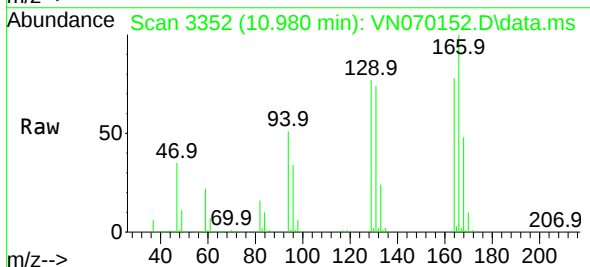
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#64
Tetrachloroethene
Concen: 49.818 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.001 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

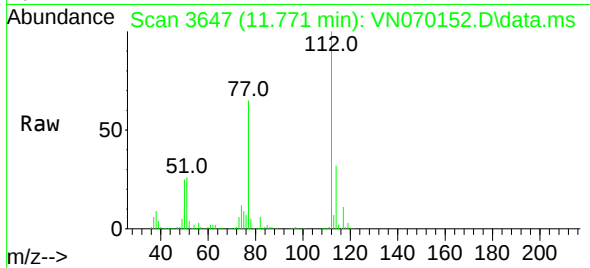
Tgt Ion:164 Resp: 505734
Ion Ratio Lower Upper
164 100
166 127.7 101.9 152.9
129 97.8 72.0 108.0
131 94.0 70.9 106.3





#65
Chlorobenzene
Concen: 50.670 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

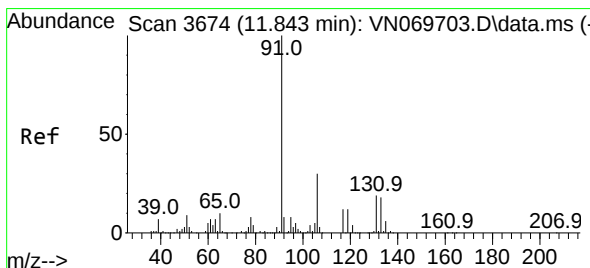
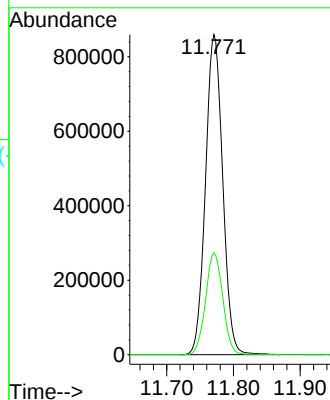
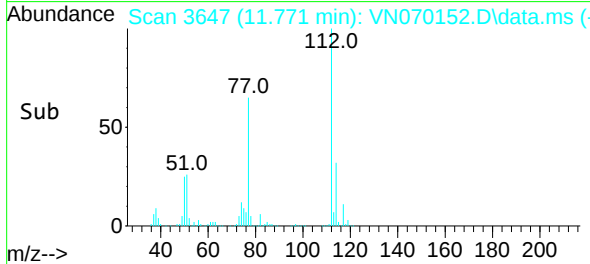
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



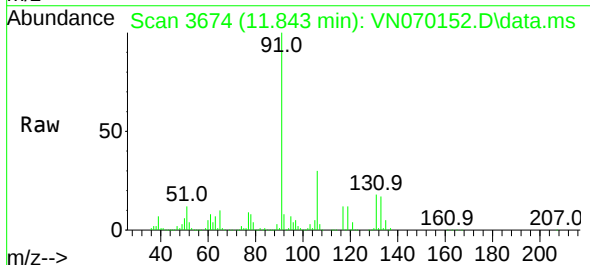
Tgt Ion:112 Resp: 1538978
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0

Manual Integrations
APPROVED

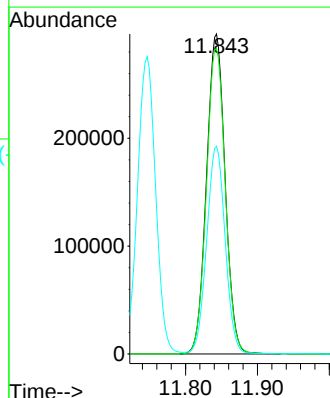
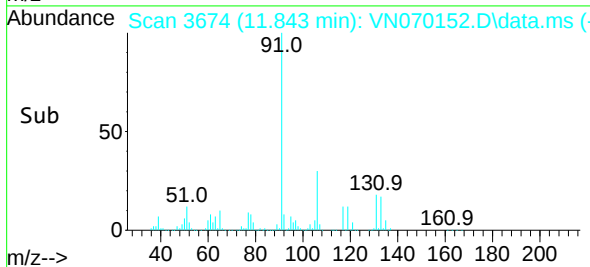
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

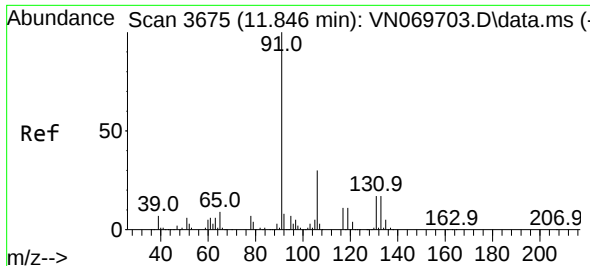


#66
1,1,1,2-Tetrachloroethane
Concen: 50.008 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



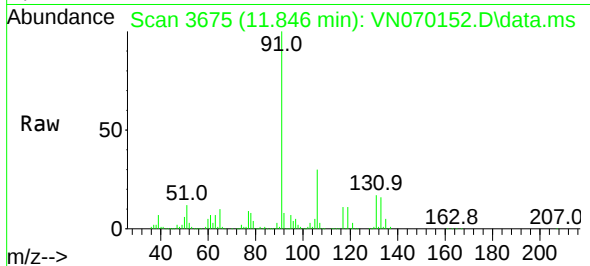
Tgt Ion:131 Resp: 534598
Ion Ratio Lower Upper
131 100
133 96.6 47.9 143.7
119 64.2 32.1 96.5





#67
Ethyl Benzene
Concen: 52.382 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

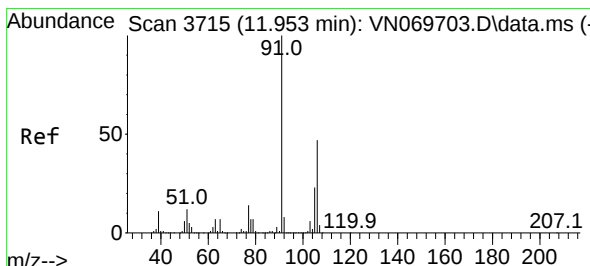
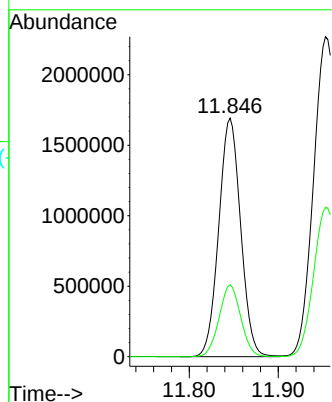
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2889970
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

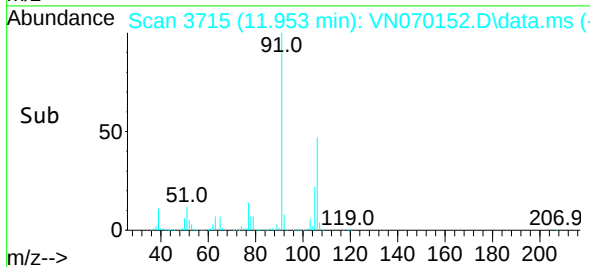
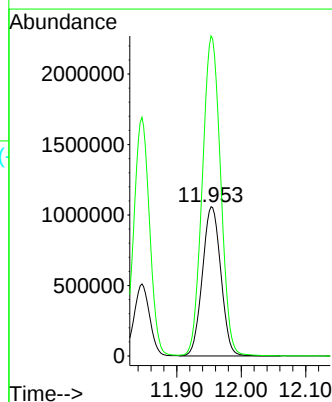
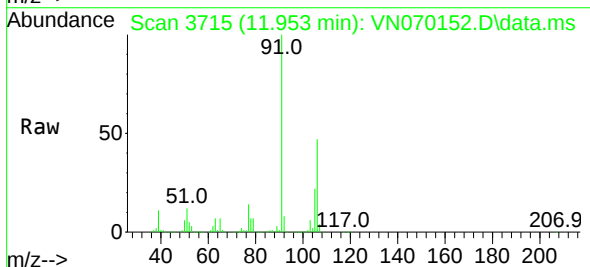
Manual Integrations
APPROVED

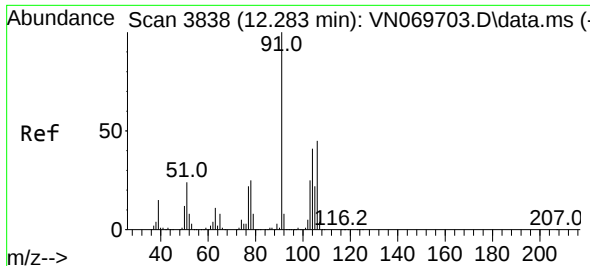
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 104.740 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Tgt Ion:106 Resp: 2104038
Ion Ratio Lower Upper
106 100
91 213.3 160.6 240.8





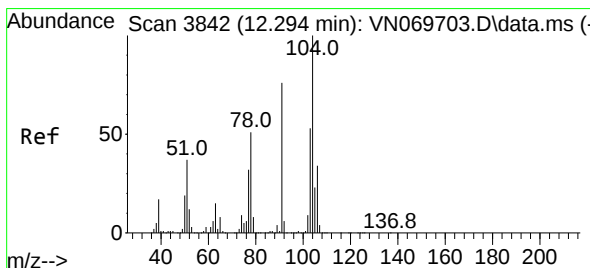
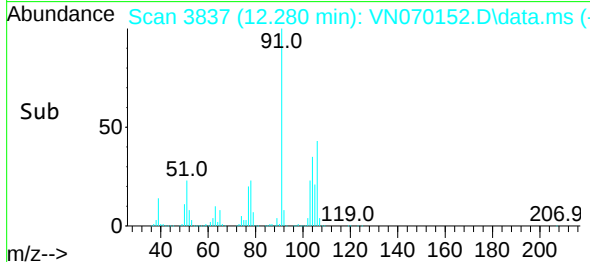
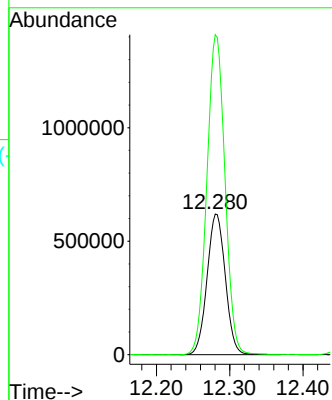
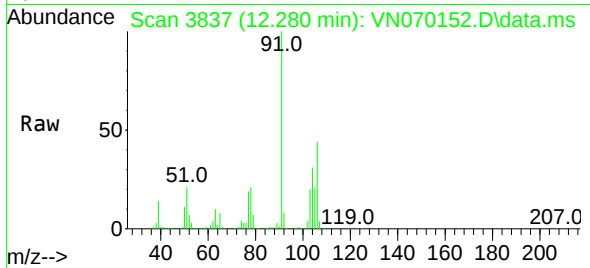
#69
o-Xylene
Concen: 52.971 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 107182
Ion Ratio Lower Upper
106 100
91 225.9 105.8 317.3

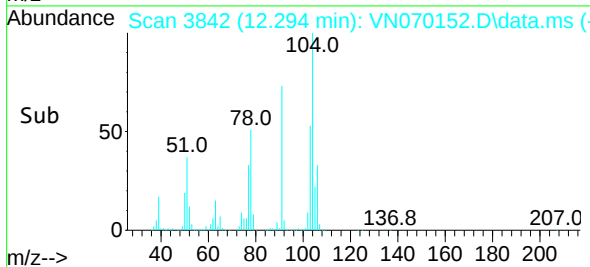
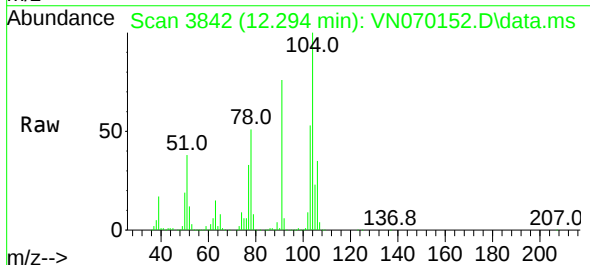
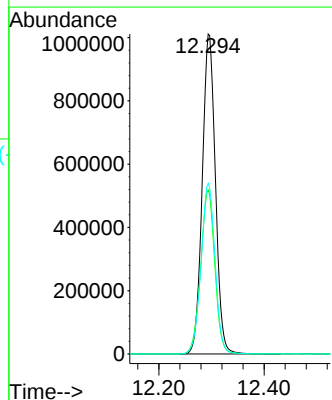
Manual Integrations
APPROVED

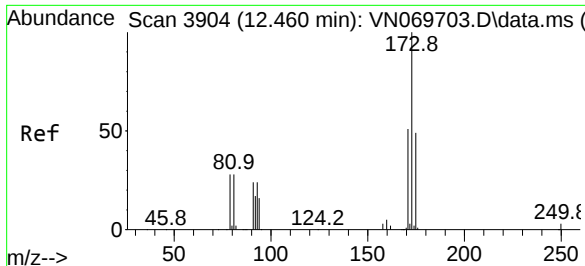
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 54.770 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

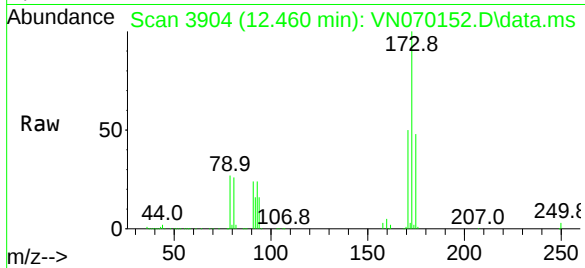
Tgt Ion:104 Resp: 1757304
Ion Ratio Lower Upper
104 100
78 55.0 38.7 58.1
103 56.6 45.0 67.6





#71
Bromoform
Concen: 45.913 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

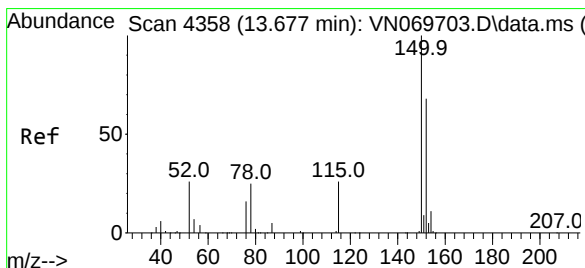
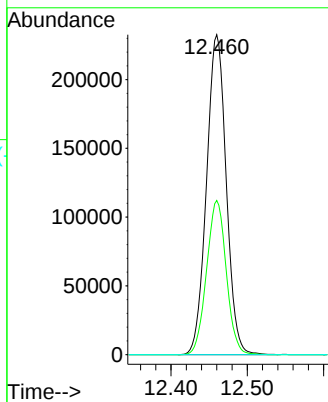
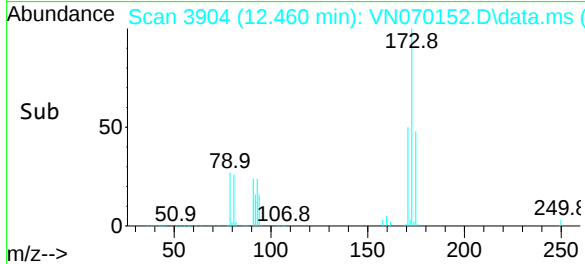
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



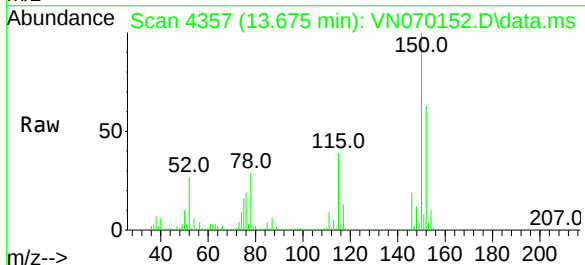
Tgt Ion:173 Resp: 417632
Ion Ratio Lower Upper
173 100
175 48.2 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

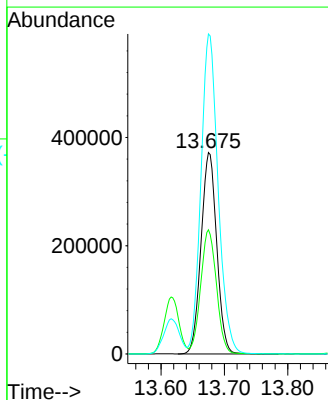
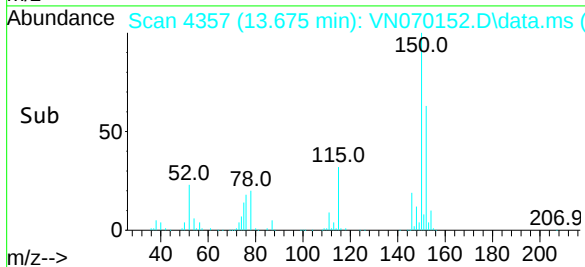
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

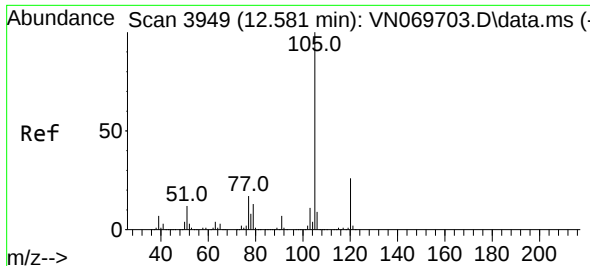


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



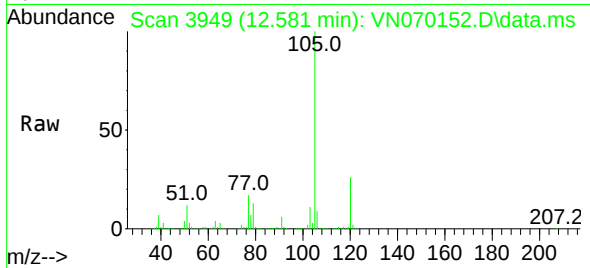
Tgt Ion:152 Resp: 637981
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 174.0 0.0 344.4





#73
Isopropylbenzene
Concen: 49.788 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

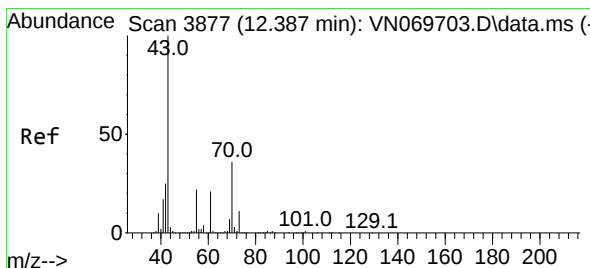
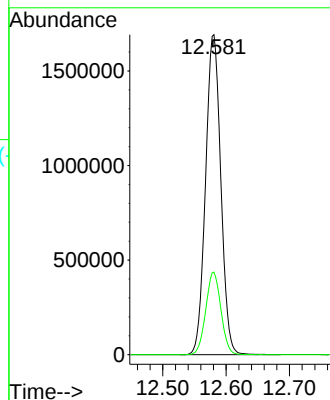
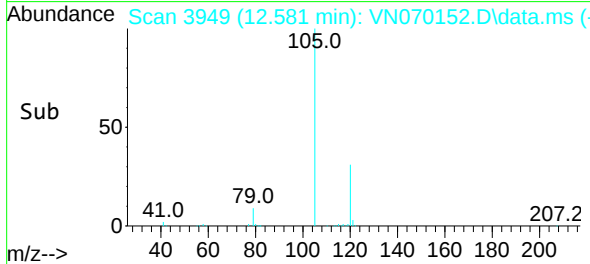
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 282607
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

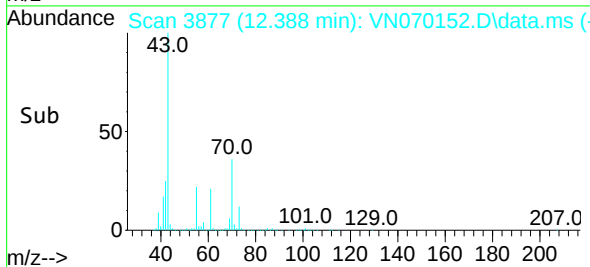
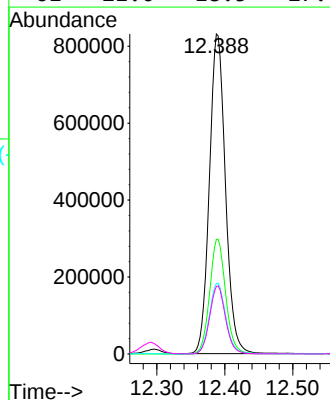
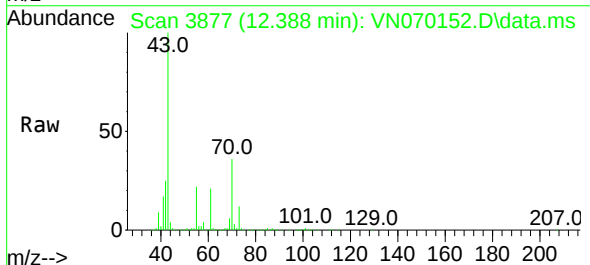
Manual Integrations
APPROVED

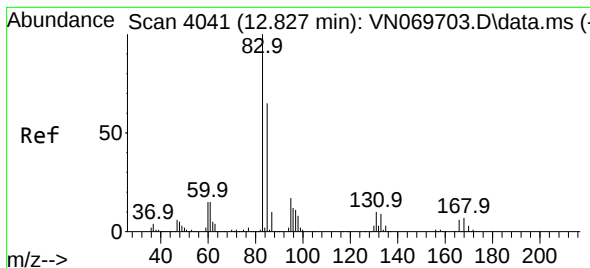
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 54.299 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

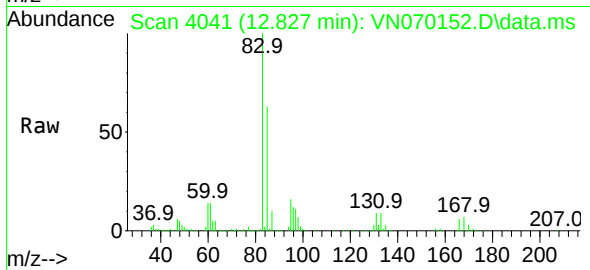
Tgt Ion: 43 Resp: 1363035
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 22.8 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 50.227 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

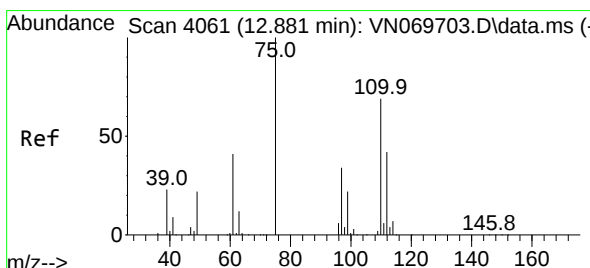
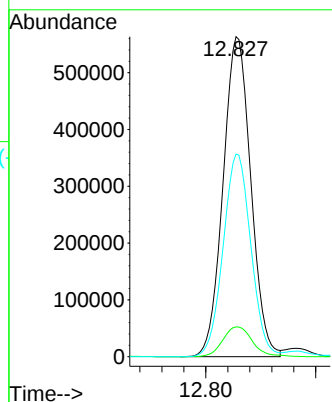
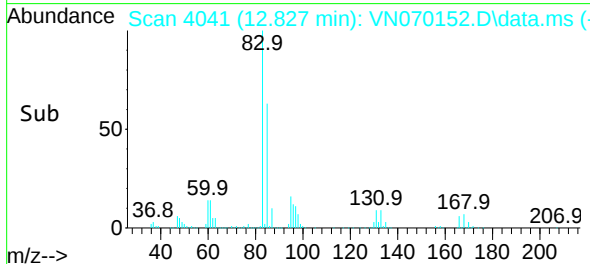
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



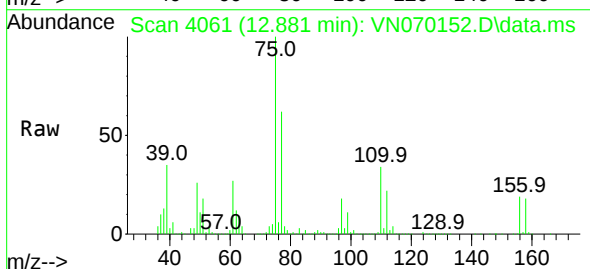
Tgt Ion: 83 Resp: 985878
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.3 32.4 97.2

Manual Integrations
APPROVED

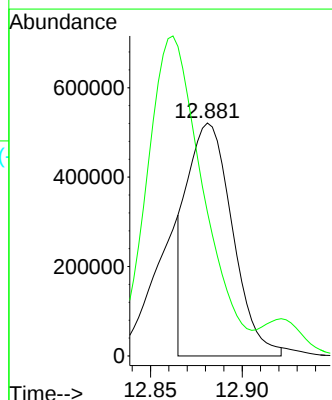
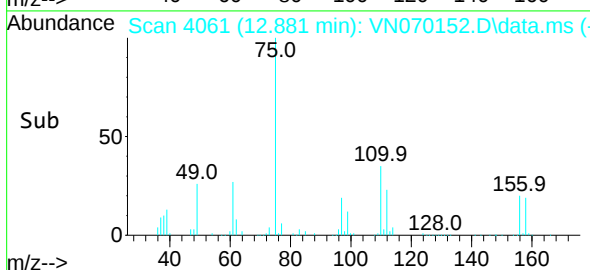
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

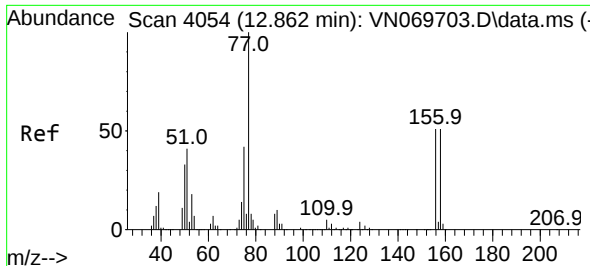


#76
1,2,3-Trichloropropane
Concen: 48.763 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



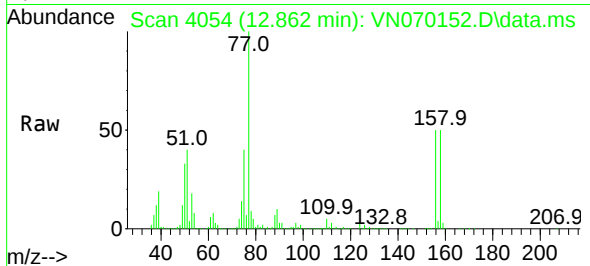
Tgt Ion: 75 Resp: 892154
Ion Ratio Lower Upper
75 100
77 170.9 82.6 247.8





#77
Bromobenzene
Concen: 48.982 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

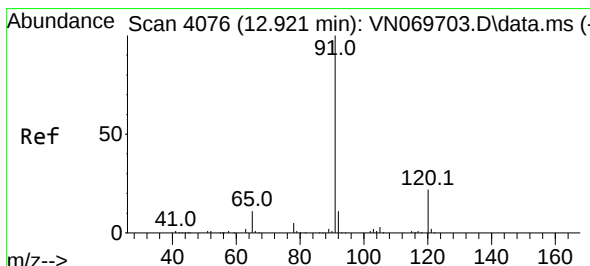
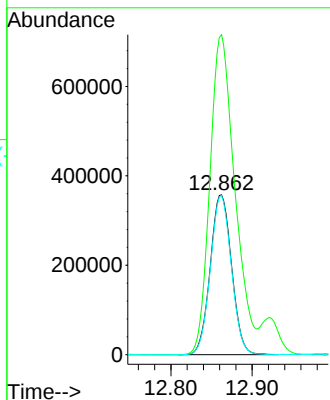
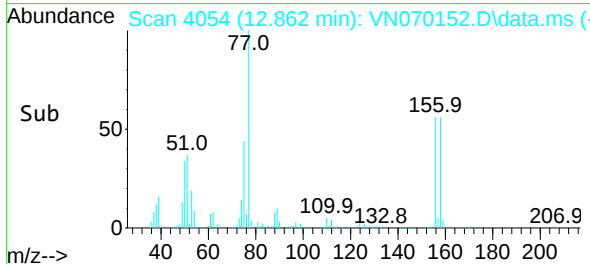
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 653070
Ion Ratio Lower Upper
156 100
77 233.5 90.6 271.8
158 97.7 48.9 146.7

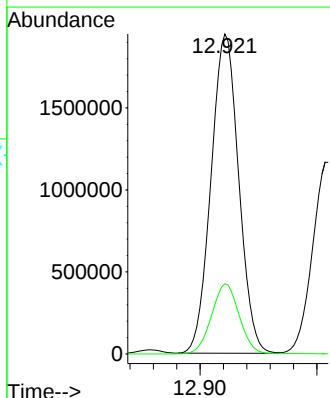
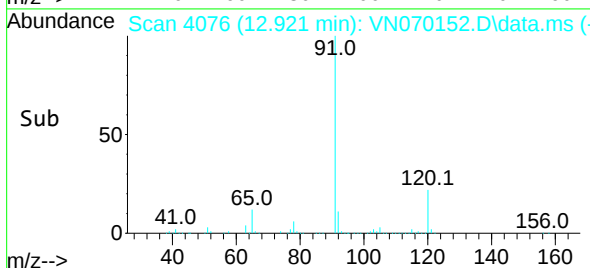
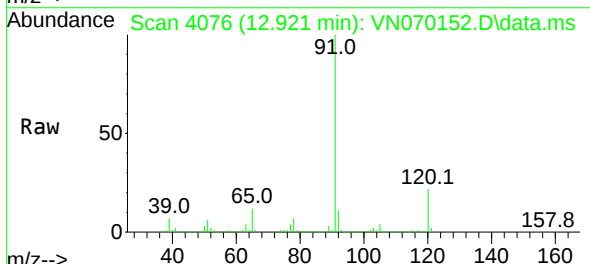
Manual Integrations
APPROVED

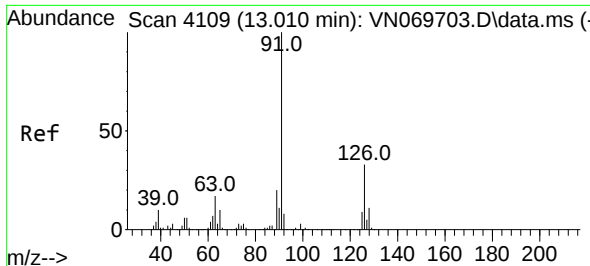
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 50.704 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Tgt Ion: 91 Resp: 3202668
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





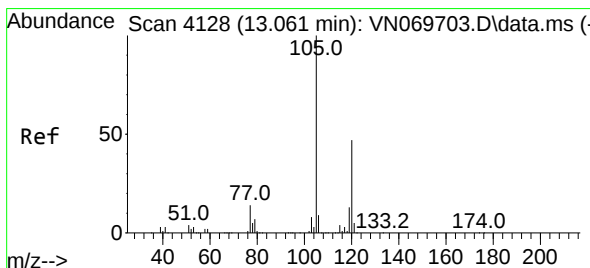
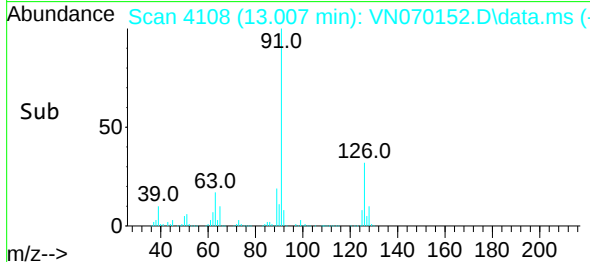
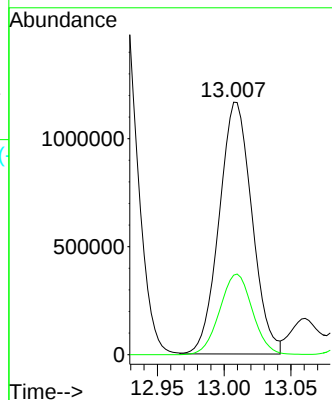
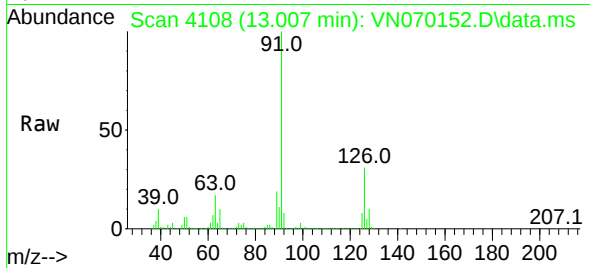
#79
2-Chlorotoluene
Concen: 50.027 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 199665
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

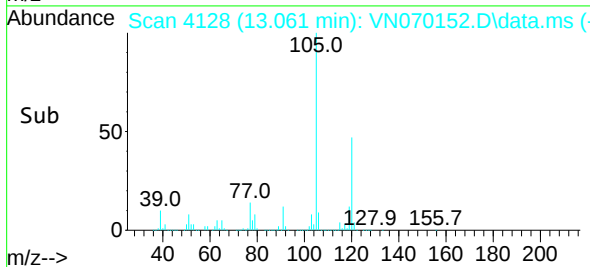
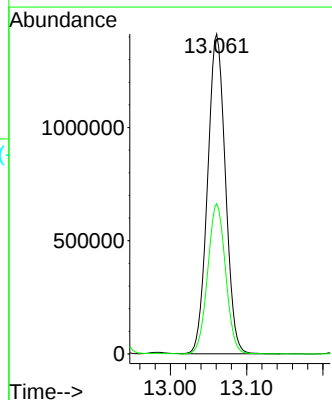
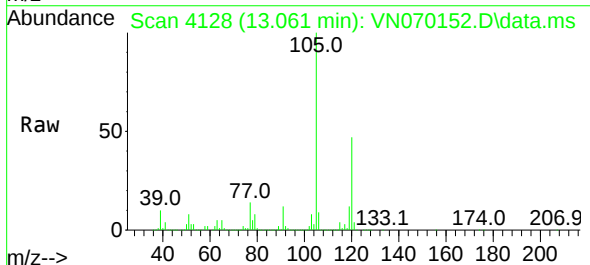
Manual Integrations
APPROVED

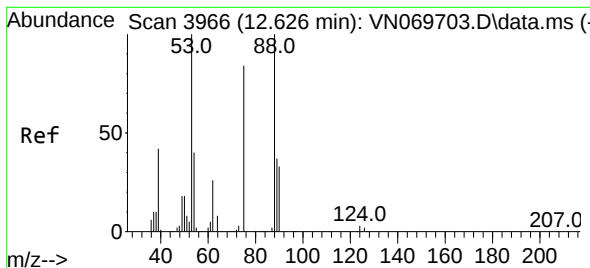
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 50.066 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

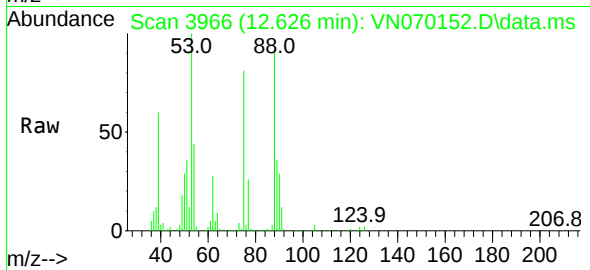
Tgt Ion:105 Resp: 2287349
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.694 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

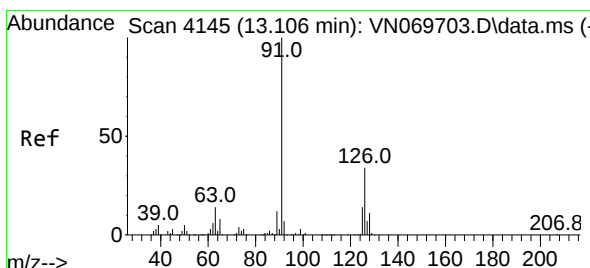
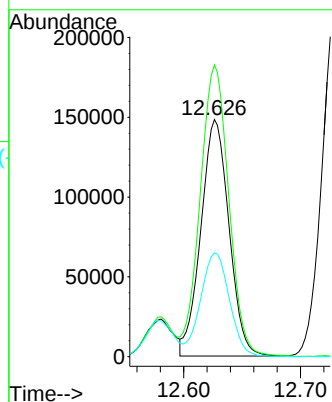
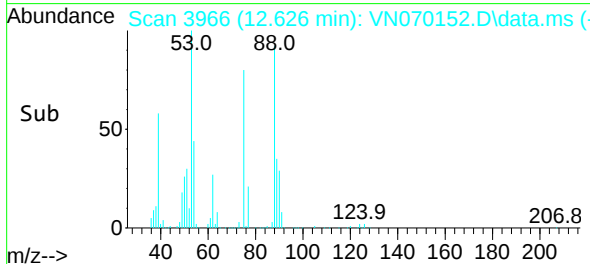
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



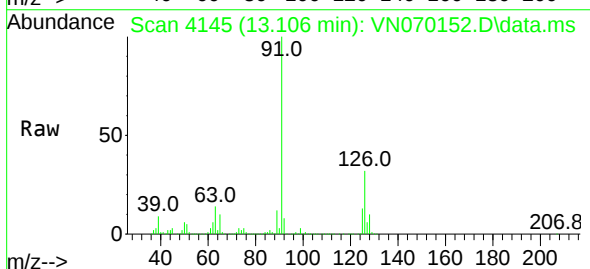
Tgt Ion: 75 Resp: 247220
Ion Ratio Lower Upper
75 100
53 126.8 90.5 135.7
89 45.3 38.2 57.4

Manual Integrations
APPROVED

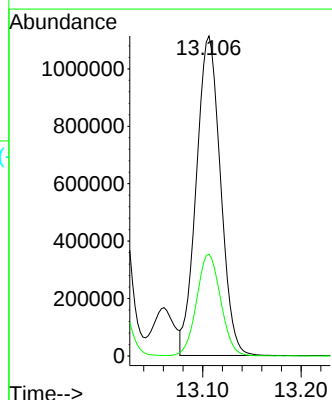
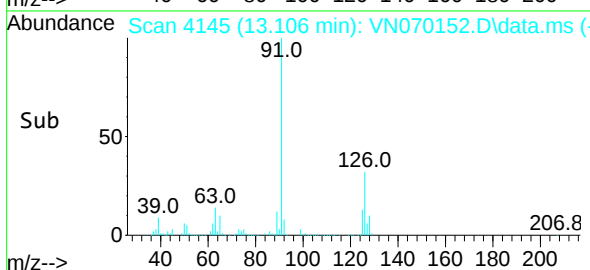
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 50.497 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



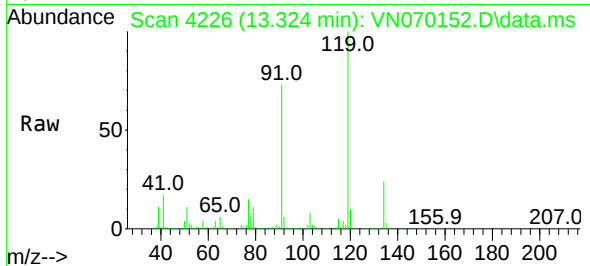
Tgt Ion: 91 Resp: 1895365
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.253 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

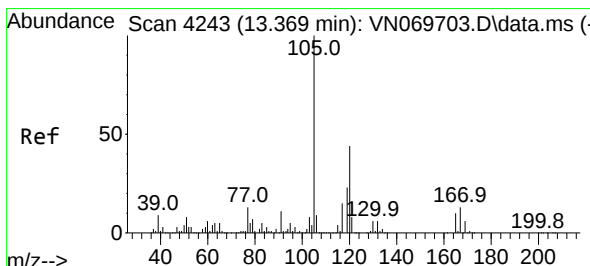
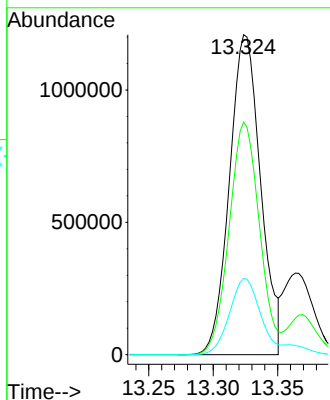
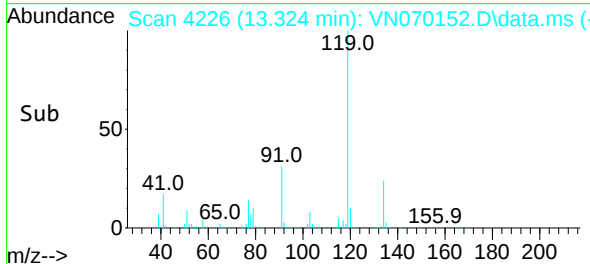
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



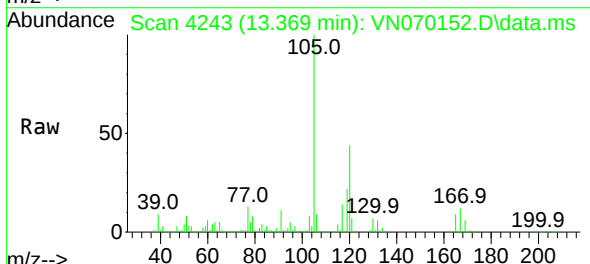
Tgt Ion:119 Resp: 2032949
Ion Ratio Lower Upper
119 100
91 71.2 31.5 94.5
134 23.7 12.4 37.4

Manual Integrations
APPROVED

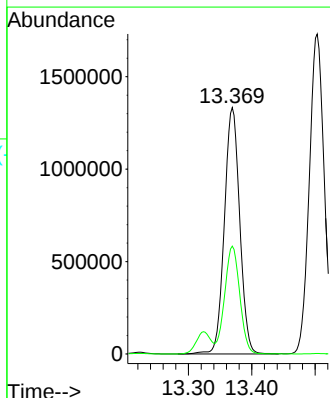
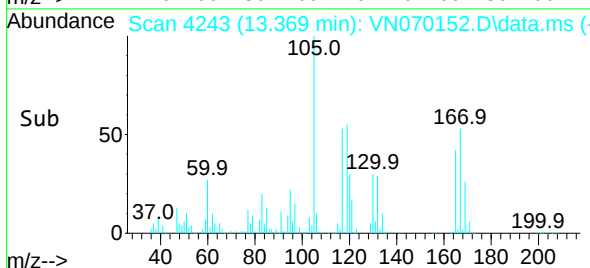
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

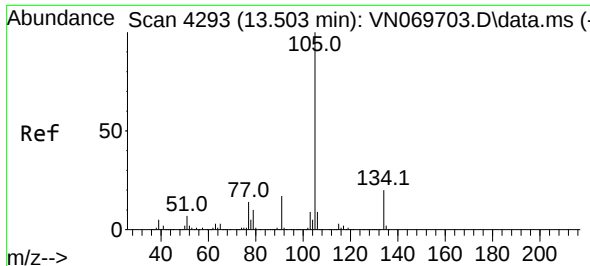


#84
1,2,4-Trimethylbenzene
Concen: 51.631 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



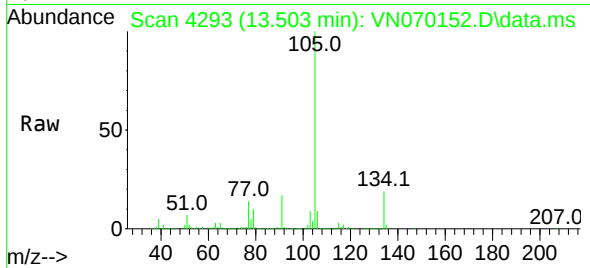
Tgt Ion:105 Resp: 2246507
Ion Ratio Lower Upper
105 100
120 42.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 51.550 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070152.D
 Acq: 16 Dec 2021 21:22

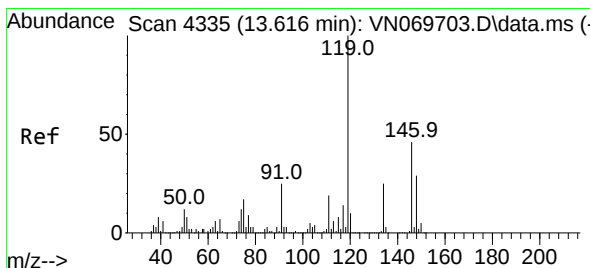
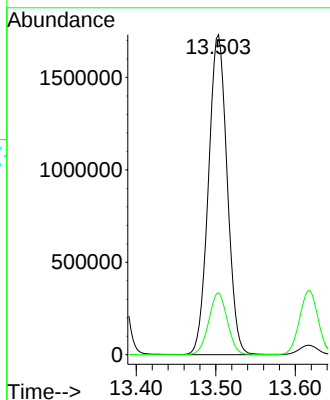
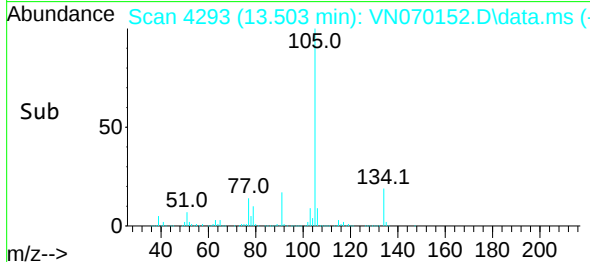
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



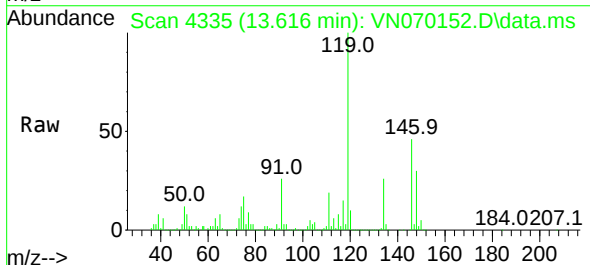
Tgt Ion:105 Resp: 2828728
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

Manual Integrations
 APPROVED

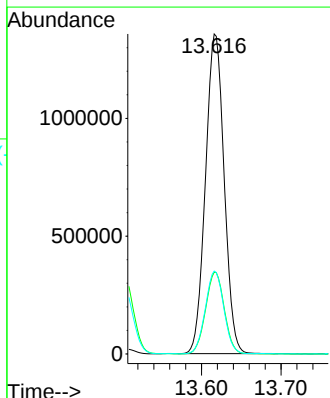
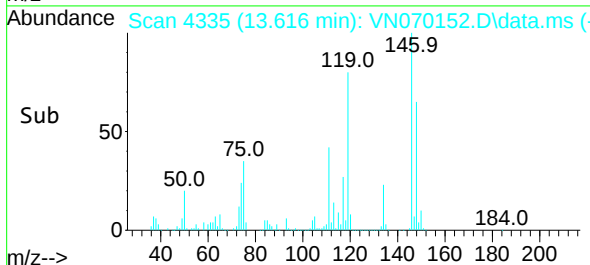
Reviewed By :John Carlone 12/17/2021
 Supervised By :Mahesh Dadoda 12/23/2021

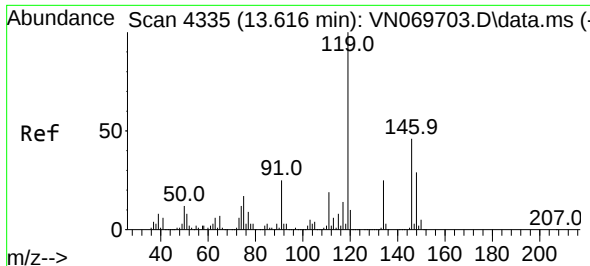


#86
 p-Isopropyltoluene
 Concen: 51.666 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070152.D
 Acq: 16 Dec 2021 21:22



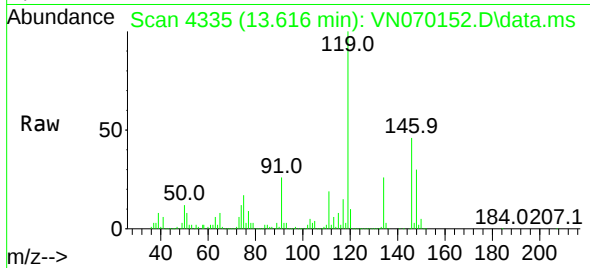
Tgt Ion:119 Resp: 2216059
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.6 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 49.711 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

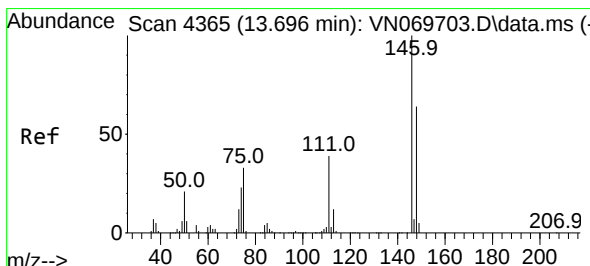
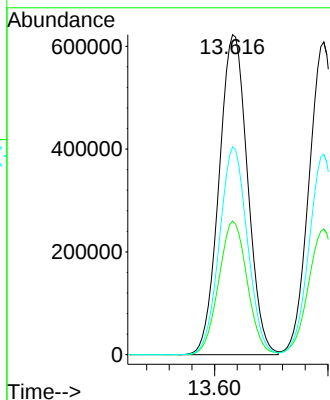
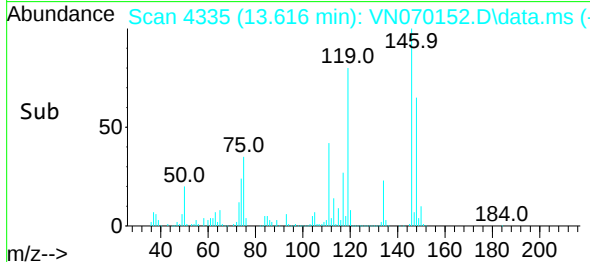
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



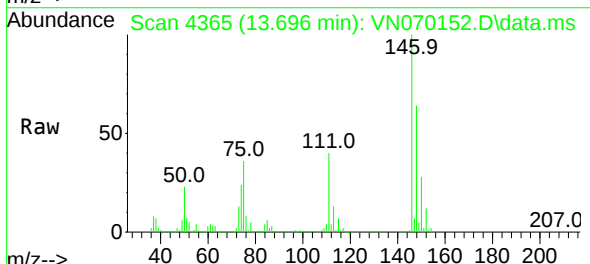
Tgt Ion:146 Resp: 108885
Ion Ratio Lower Upper
146 100
111 41.7 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

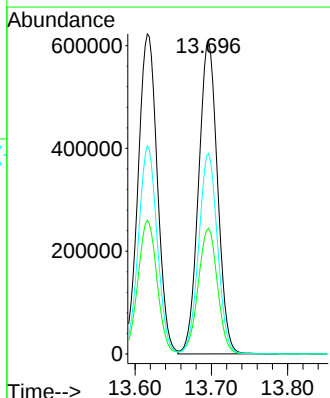
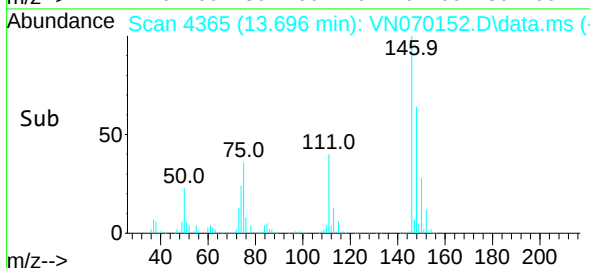
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 48.741 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



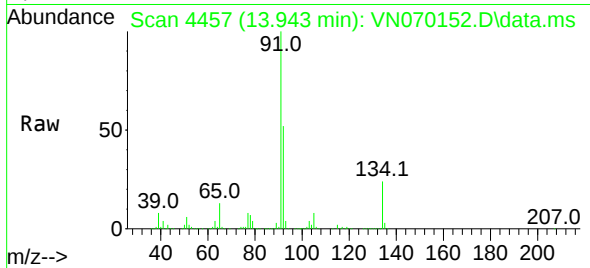
Tgt Ion:146 Resp: 1049158
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 52.687 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

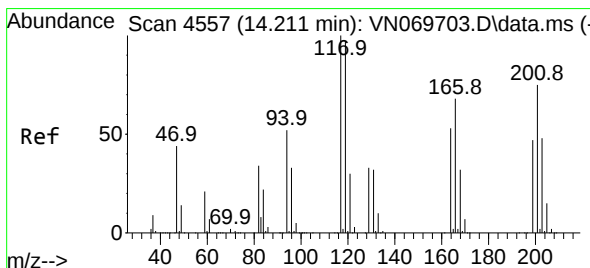
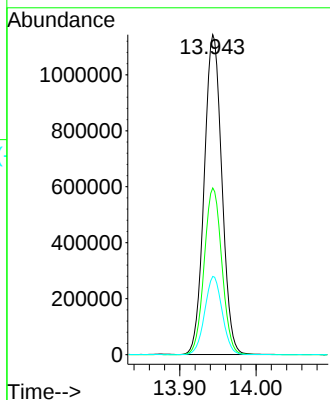
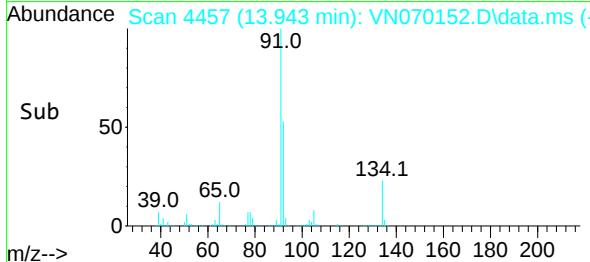
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1833169
Ion Ratio Lower Upper
91 100
92 52.2 25.4 76.0
134 24.3 13.6 40.8

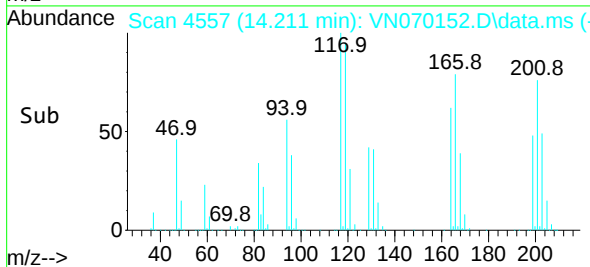
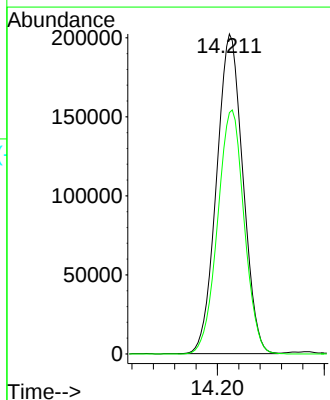
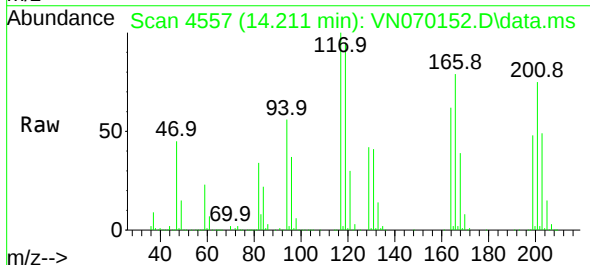
Manual Integrations
APPROVED

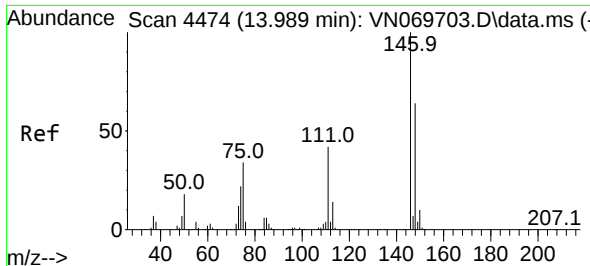
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 46.073 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

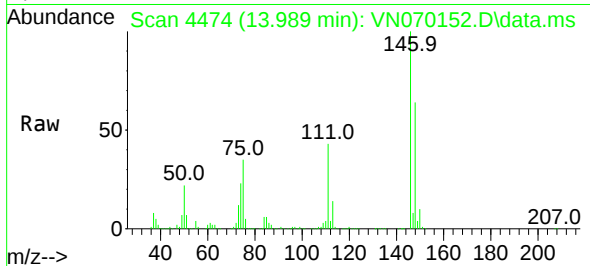
Tgt Ion:117 Resp: 346952
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.864 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

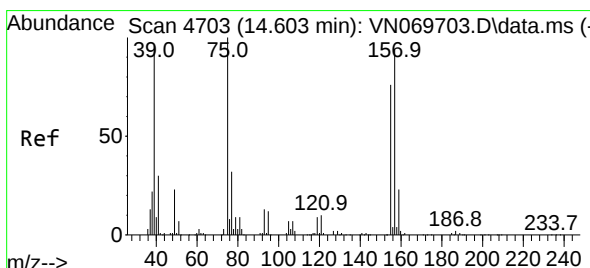
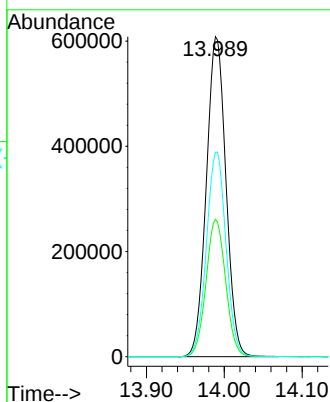
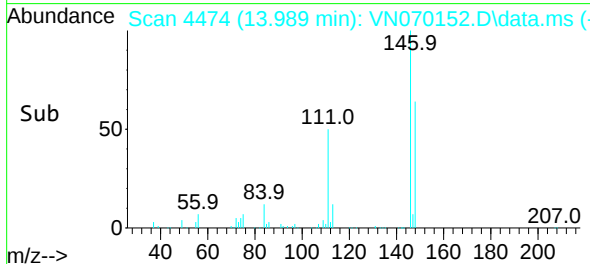
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



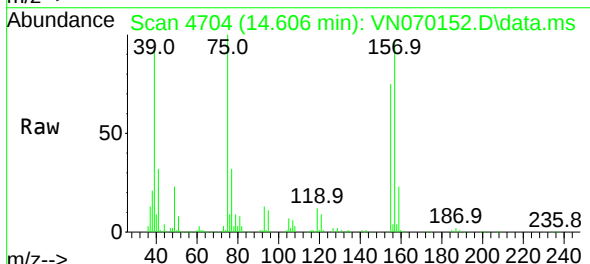
Tgt Ion:146 Resp: 106419
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.9 32.1 96.3

Manual Integrations
APPROVED

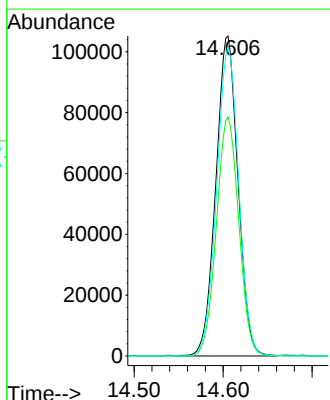
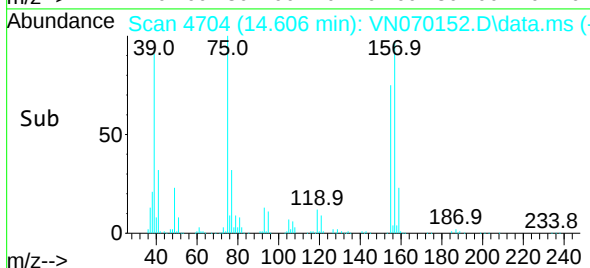
Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021

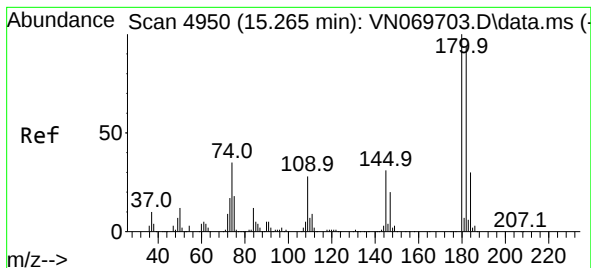


#92
1,2-Dibromo-3-Chloropropane
Concen: 51.362 ug/l
RT: 14.606 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



Tgt Ion: 75 Resp: 182175
Ion Ratio Lower Upper
75 100
155 75.5 46.9 140.7
157 96.1 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 50.807 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

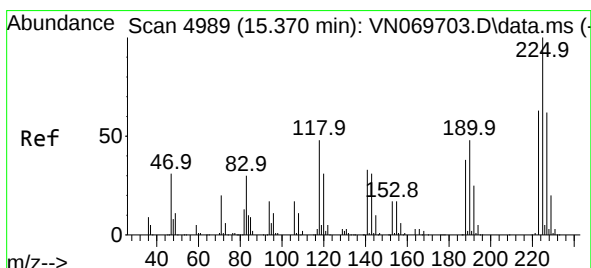
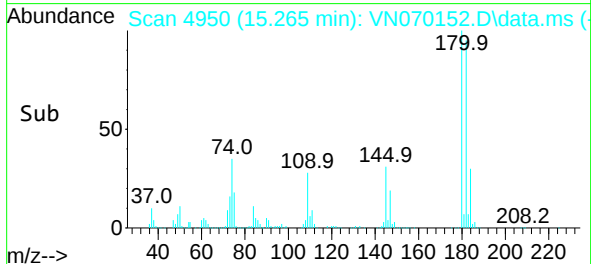
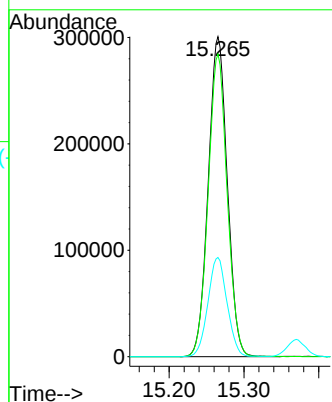
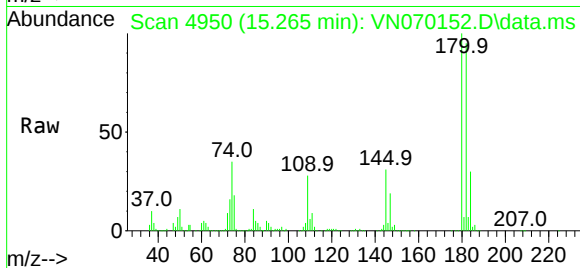
Tgt Ion:180	Resp: 532324
Ion Ratio	Lower Upper
180 100	
182 94.3	48.3 144.9
145 31.2	14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/17/2021

Supervised By :Mahesh Dadoda 12/23/2021



#94

Hexachlorobutadiene

Concen: 51.435 ug/l

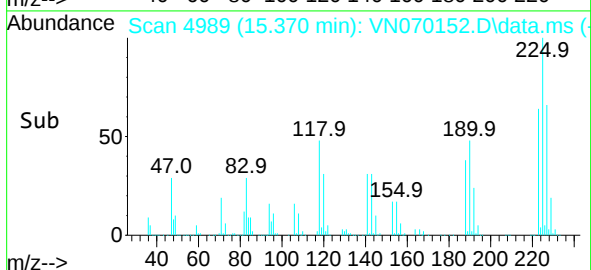
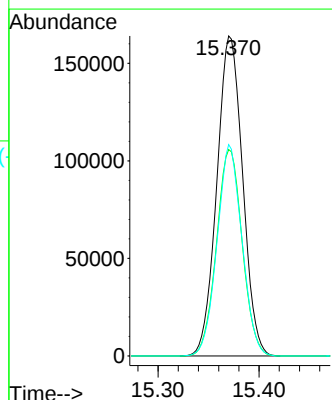
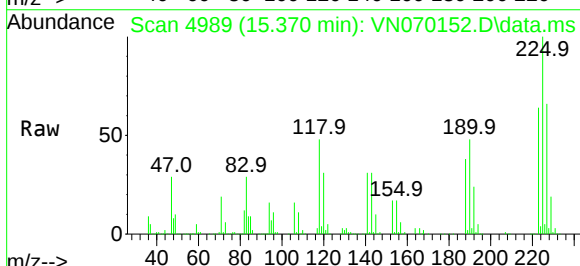
RT: 15.370 min Scan# 4989

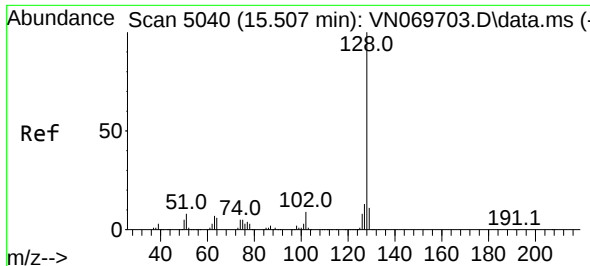
Delta R.T. 0.000 min

Lab File: VN070152.D

Acq: 16 Dec 2021 21:22

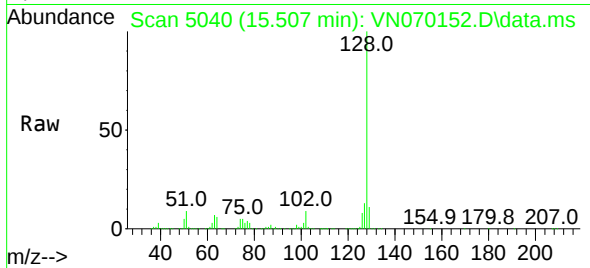
Tgt Ion:225	Resp: 290917
Ion Ratio	Lower Upper
225 100	
223 64.2	31.9 95.7
227 63.6	32.1 96.3





#95
Naphthalene
Concen: 53.381 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22

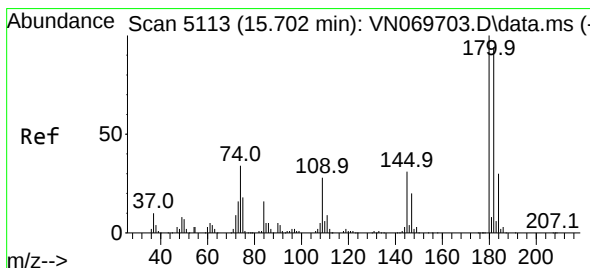
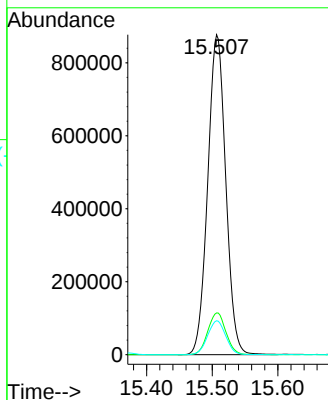
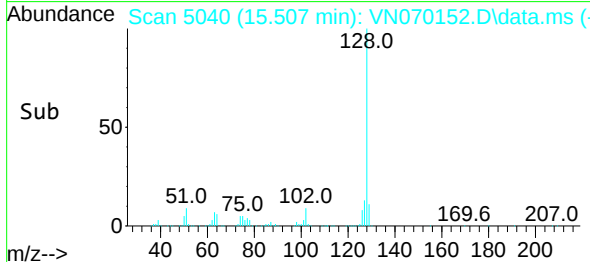
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



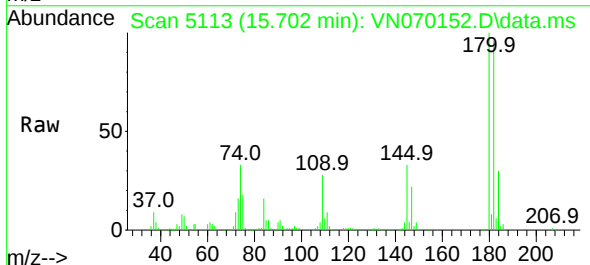
Tgt Ion:128 Resp: 167343
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.7 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/17/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 51.983 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070152.D
Acq: 16 Dec 2021 21:22



Tgt Ion:180 Resp: 531324
Ion Ratio Lower Upper
180 100
182 95.9 47.4 142.2
145 32.6 15.0 45.1

