

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070178.D
 Acq On : 17 Dec 2021 21:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 18 05:48:37 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	0.000	168	0	0.000	ug/l	-8.09
34) 1,4-Difluorobenzene	8.922	114	167	50.000	ug/l	-0.05
63) Chlorobenzene-d5	11.661	117	856526	50.000	ug/l	-0.09
72) 1,4-Dichlorobenzene-d4	13.656	152	15198	50.000	ug/l	#-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.193	65	79	0.000	ug/l	-0.24
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	10.261	98	1204746	286827.687	ug/l	-0.18
Spiked Amount	50.000	Range	65 - 126	Recovery	=	573655.380%#
62) 4-Bromofluorobenzene	12.690	95	424996	279297.936	ug/l	-0.04
Spiked Amount	50.000	Range	58 - 135	Recovery	=	558595.880%#
Target Compounds						
					Qvalue	
36) 1,1-Dichloropropene	8.378	75	792	498.179	ug/l #	41
37) Ethyl Acetate	7.471	43	38535	16285.609	ug/l #	74
39) Methylcyclohexane	9.504	83	294555	155765.413	ug/l #	19
40) Benzene	8.405	78	52	10.701	ug/l #	52
41) Methacrylonitrile	7.597	41	282560	254382.698	ug/l #	28
42) 1,2-Dichloroethane	8.582	62	37301	19015.383	ug/l #	76
43) Isopropyl Acetate	8.501	43	124	35.413	ug/l #	55
45) 1,2-Dichloropropane	9.182	63	228674	175240.322	ug/l	97
46) Dibromomethane	9.282	93	150249	175564.329	ug/l	94
47) Bromodichloromethane	9.504	83	294555	181785.084	ug/l	98
48) Methyl methacrylate	9.368	41	52968	32413.936	ug/l #	40
49) 1,4-Dioxane	9.287	88	102299	3488947.575	ug/l #	86
51) 4-Methyl-2-Pentanone	10.153	43	2159969	950868.194	ug/l	95
52) Toluene	10.328	92	555422	187217.067	ug/l	98
53) t-1,3-Dichloropropene	10.574	75	306776	148596.426	ug/l	99
54) cis-1,3-Dichloropropene	9.984	75	340941	160007.743	ug/l	90
55) 1,1,2-Trichloroethane	10.765	97	215930	180390.777	ug/l	98
56) Ethyl methacrylate	10.633	69	364621	154081.649	ug/l #	86
57) 1,3-Dichloropropane	10.920	76	383384	181897.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.834	63	523262	794830.839	ug/l	92
59) 2-Hexanone	10.977	43	1575696	916968.521	ug/l	93
60) Dibromochloromethane	11.127	129	203457	151098.313	ug/l	99
61) 1,2-Dibromoethane	11.234	107	220342	177720.694	ug/l	99
64) Tetrachloroethene	10.843	164	189855	32.690	ug/l	95
65) Chlorobenzene	11.687	112	552477	31.795	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.765	131	196649	32.154	ug/l	100
67) Ethyl Benzene	11.886	91	1688660	53.500	ug/l #	74
68) m/p-Xylenes	11.886	106	791162	68.841	ug/l	92
69) o-Xylene	12.226	106	391140	33.788	ug/l	93
70) Styrene	12.240	104	597738	32.563	ug/l	95
71) Bromoform	12.406	173	143767	28.714	ug/l #	100
73) Isopropylbenzene	12.538	105	1001254	740.466	ug/l	98
74) N-amyl acetate	12.350	43	435825	728.810	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.795	83	344177	736.063	ug/l	99
76) 1,2,3-Trichloropropane	12.846	75	419841	963.284	ug/l #	1
77) Bromobenzene	12.822	156	225114	708.769	ug/l	78

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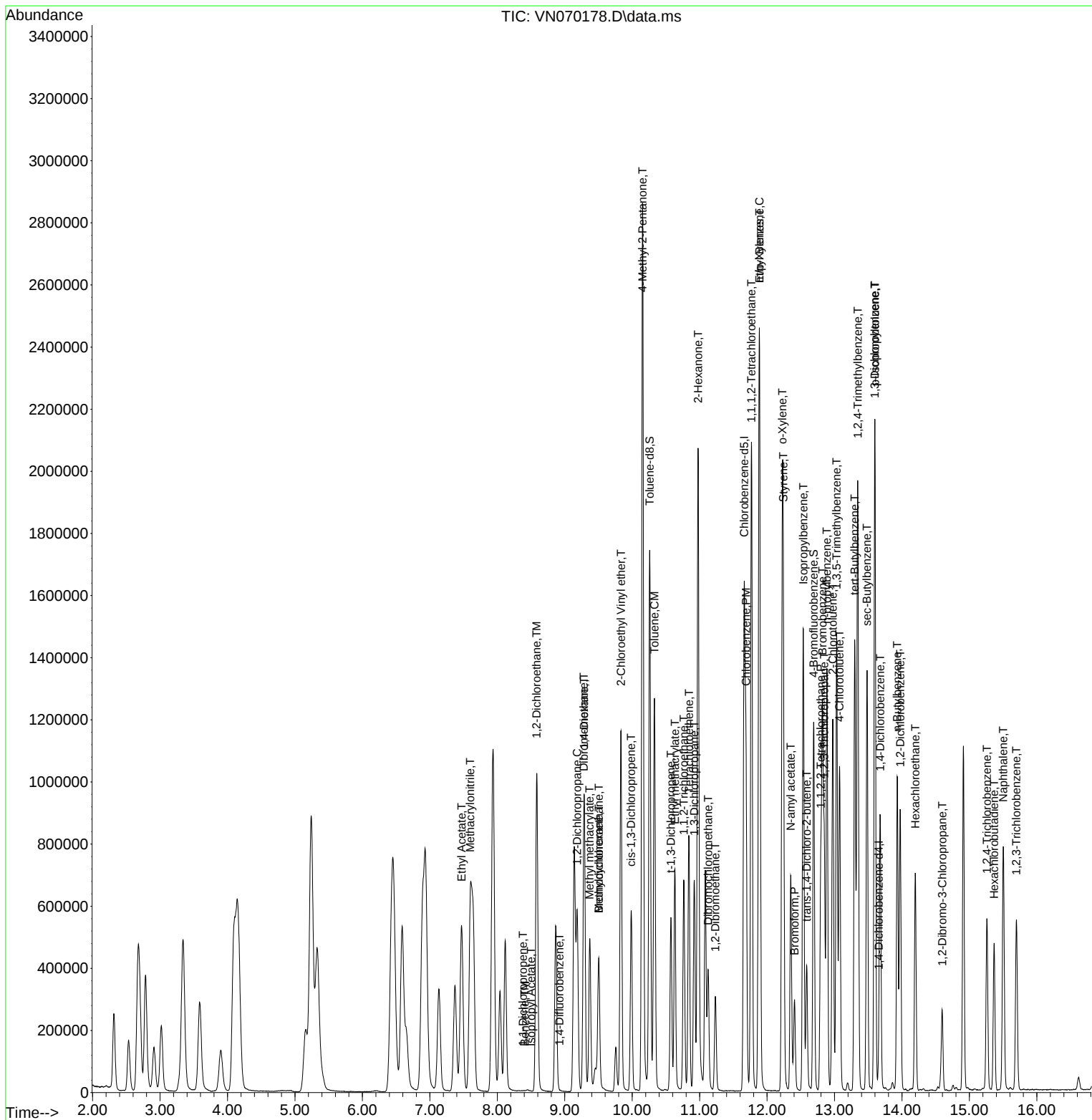
Instrument :
 MSVOA_N
 ClientSampleId :

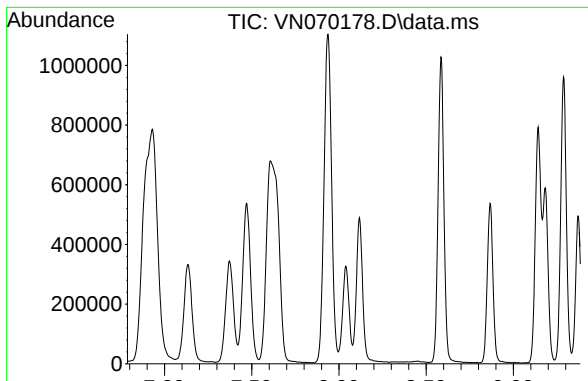
Quant Time: Dec 18 05:48:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) n-propylbenzene	12.886	91	1105000	734.368	ug/l	96
79) 2-Chlorotoluene	12.975	91	701361	737.674	ug/l	92
80) 1,3,5-Trimethylbenzene	13.031	105	816935	750.612	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.589	75	81168	564.072	ug/l	89
82) 4-Chlorotoluene	13.074	91	651685	728.840	ug/l	92
83) tert-Butylbenzene	13.299	119	700021	726.381	ug/l	92
84) 1,2,4-Trimethylbenzene	13.345	105	839745	810.168	ug/l	97
85) sec-Butylbenzene	13.482	105	953676	729.565	ug/l	97
86) p-Isopropyltoluene	13.600	119	748751	732.797	ug/l	96
87) 1,3-Dichlorobenzene	13.594	146	372146	713.217	ug/l	96
88) 1,4-Dichlorobenzene	13.677	146	357840	697.853	ug/l	98
89) n-Butylbenzene	13.930	91	587957	709.364	ug/l	97
90) Hexachloroethane	14.198	117	122813	684.607	ug/l	86
91) 1,2-Dichlorobenzene	13.975	146	376025	739.622	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.597	75	67034	793.360	ug/l	78
93) 1,2,4-Trichlorobenzene	15.260	180	182625	693.123	ug/l	98
94) Hexachlorobutadiene	15.367	225	101497	753.294	ug/l	99
95) Naphthalene	15.501	128	718945	894.816	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	192653	756.586	ug/l	98

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

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QLast Update : Fri Dec 03 08:46:47 2021
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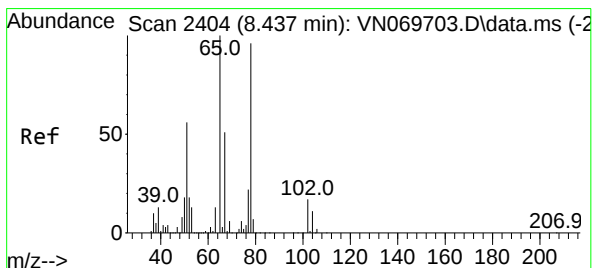
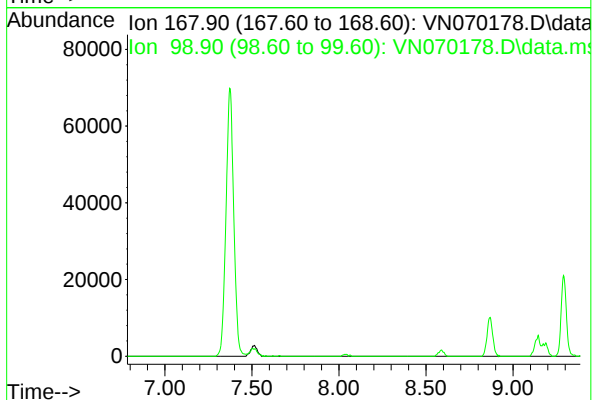




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.09 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

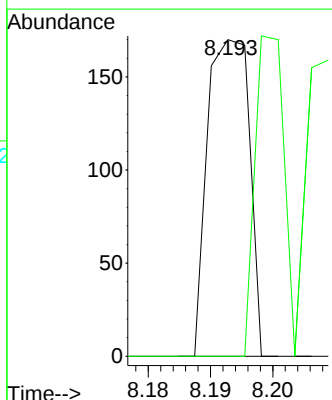
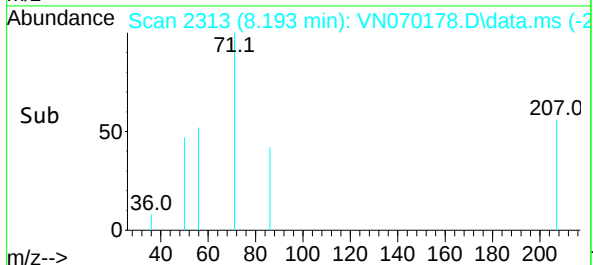
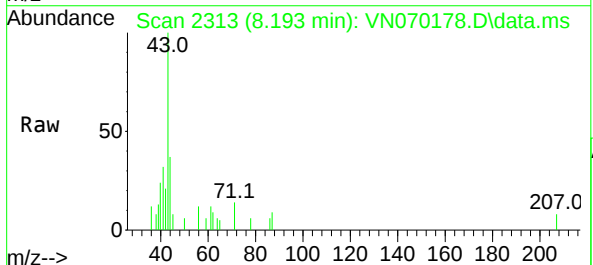
Instrument :
 MSVOA_N
 ClientSampleId :

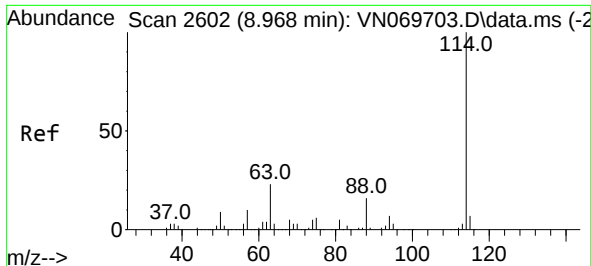
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 51.6



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 RT: 8.193 min Scan# 2313
 Delta R.T. -0.244 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

Tgt Ion: 65 Resp: 79
 Ion Ratio Lower Upper
 65 100
 67 69.6 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.922 min Scan# 2

Delta R.T. -0.046 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

Instrument :

MSVOA_N

ClientSampleId :

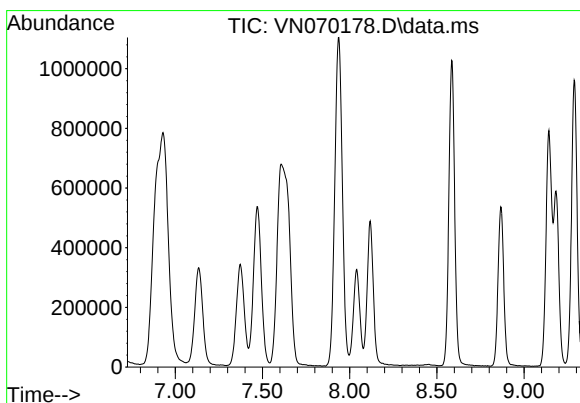
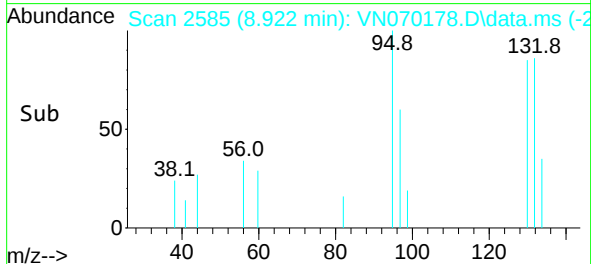
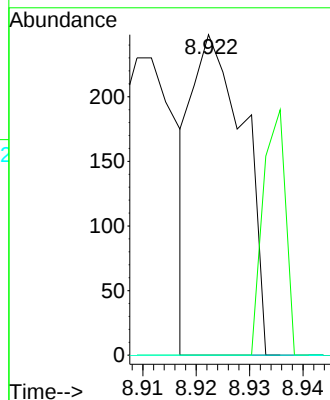
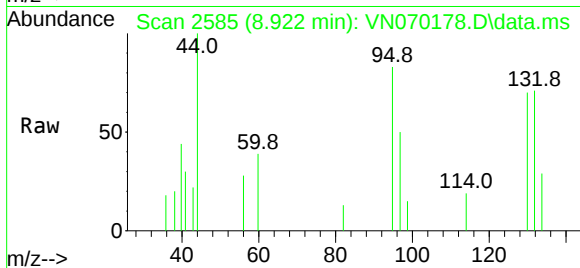
Tgt Ion:114 Resp: 167

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.8

88 0.0 0.0 27.4



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 8.02 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

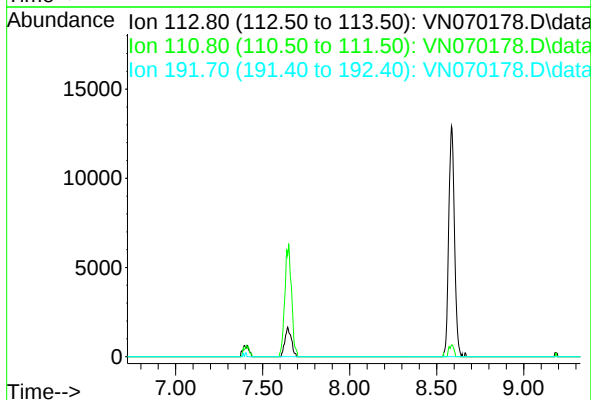
Tgt Ion: 113

Sig Exp Ratio

113 100

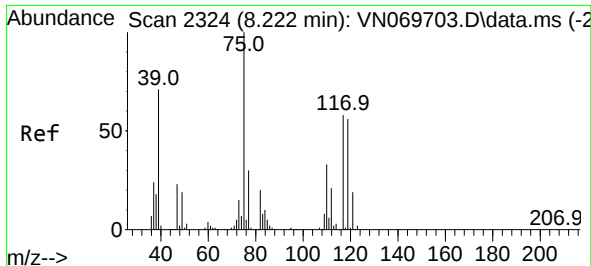
111 102.7

192 21.1



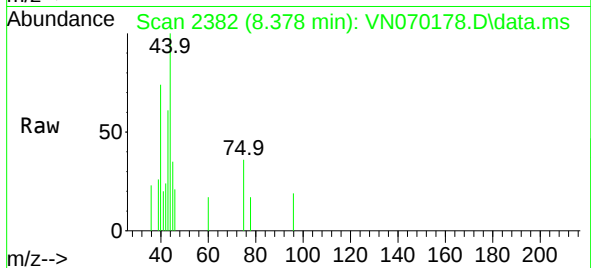
Ion 110.80 (110.50 to 111.50): VN070178.D\data.ms

Ion 191.70 (191.40 to 192.40): VN070178.D\data.ms

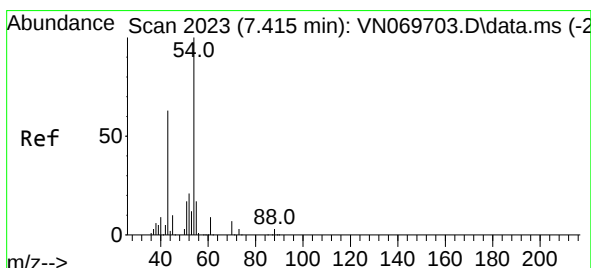
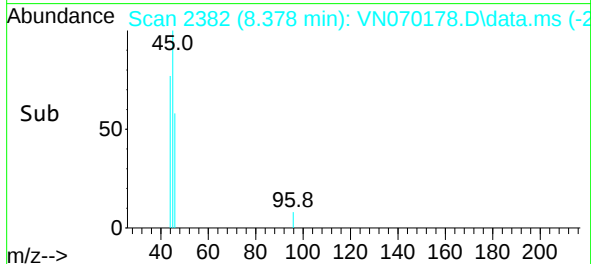
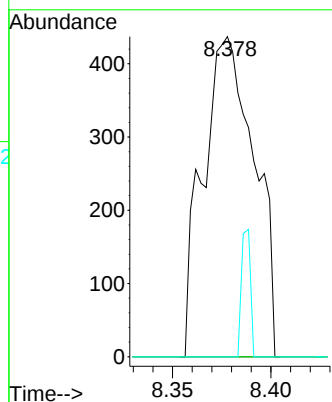


#36
1,1-Dichloropropene
Concen: 498.179 ug/l
RT: 8.378 min Scan# 21
Delta R.T. 0.156 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

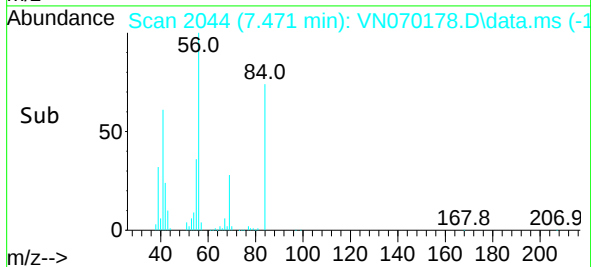
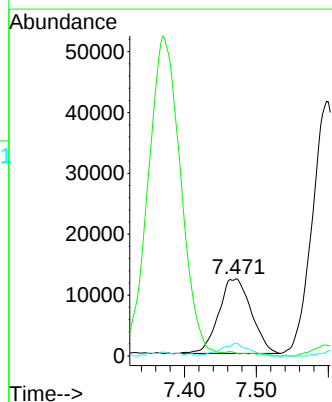
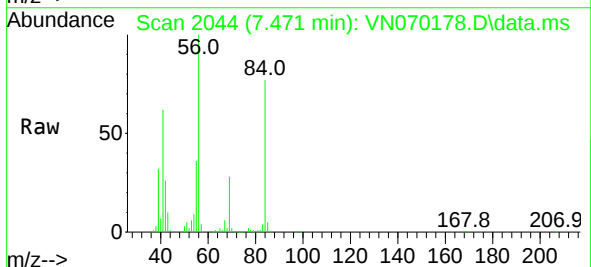


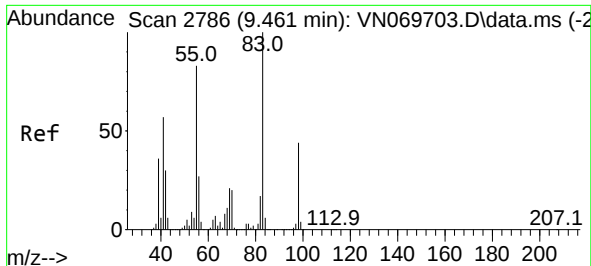
Tgt Ion: 75 Resp: 792
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 16285.609 ug/l
RT: 7.471 min Scan# 2044
Delta R.T. 0.056 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

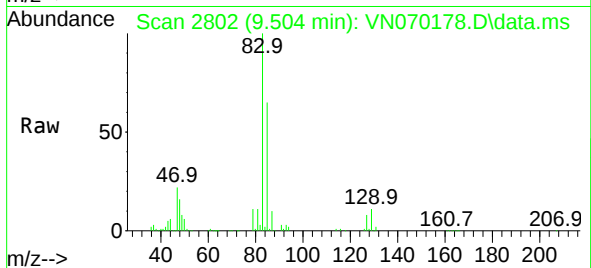
Tgt Ion: 43 Resp: 38535
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 14.6 7.9 11.9#



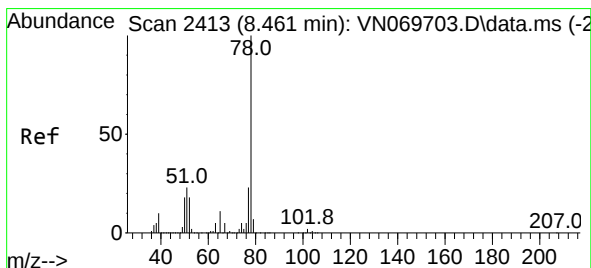
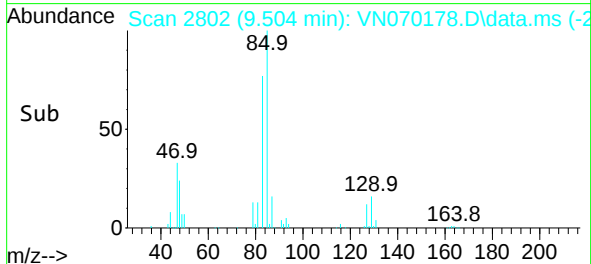
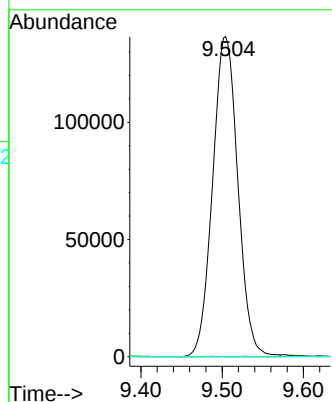


#39
Methylcyclohexane
Concen: 155765.413 ug/l
RT: 9.504 min Scan# 21
Delta R.T. 0.043 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

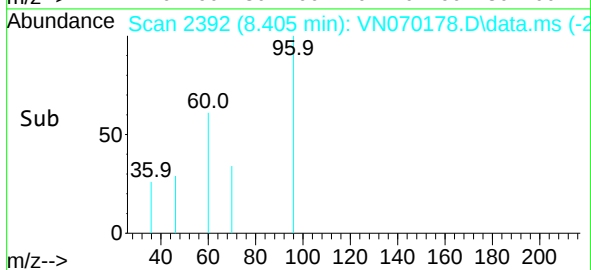
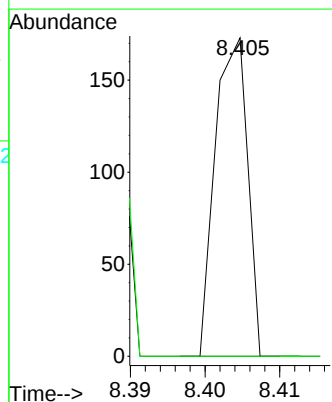
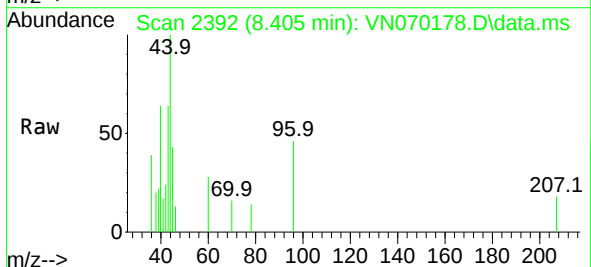


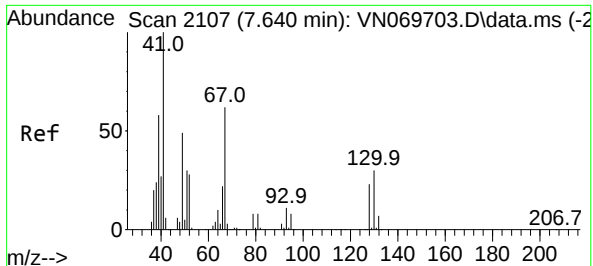
Tgt Ion: 83 Resp: 294555
Ion Ratio Lower Upper
83 100
55 0.0 58.1 87.1#
98 0.0 38.4 57.6#



#40
Benzene
Concen: 10.701 ug/l
RT: 8.405 min Scan# 2392
Delta R.T. -0.056 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

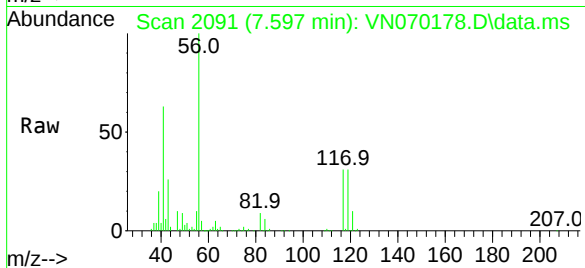
Tgt Ion: 78 Resp: 52
Ion Ratio Lower Upper
78 100
77 0.0 18.6 27.8#



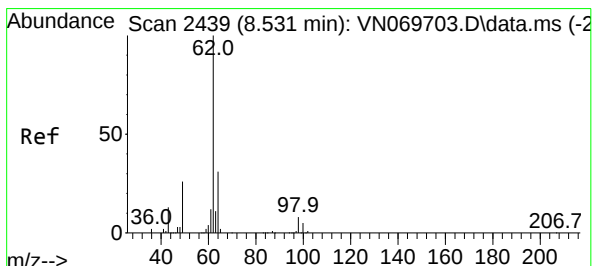
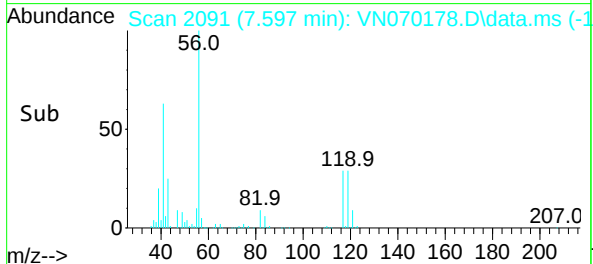
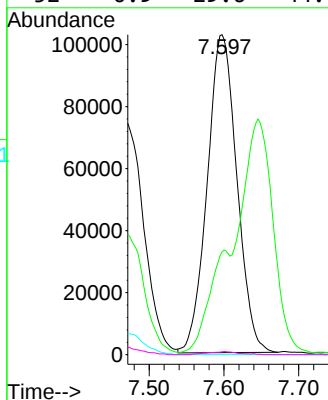


#41
Methacrylonitrile
Concen: 254382.698 ug/l
RT: 7.597 min Scan# 2091
Delta R.T. -0.043 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

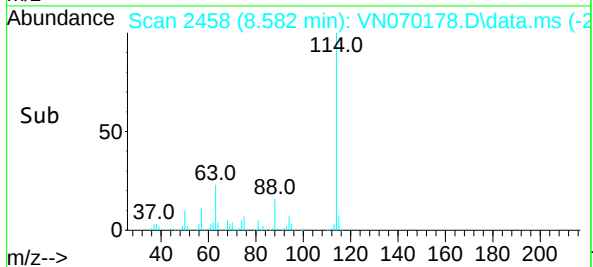
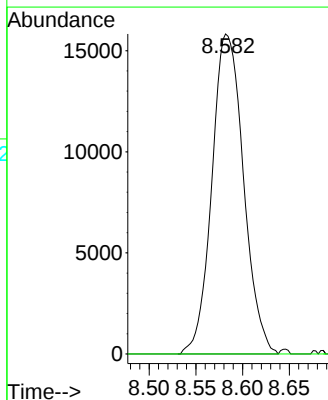
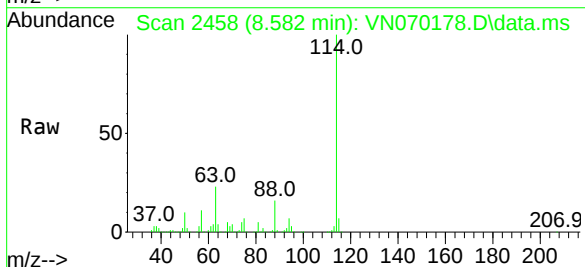


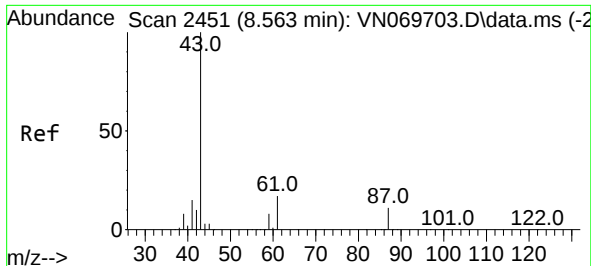
Tgt Ion	Ratio	Lower	Upper
41	100		
39	22.6	48.1	72.1#
67	0.0	68.3	102.5#
52	0.9	29.6	44.4#



#42
1,2-Dichloroethane
Concen: 19015.383 ug/l
RT: 8.582 min Scan# 2458
Delta R.T. 0.051 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.6

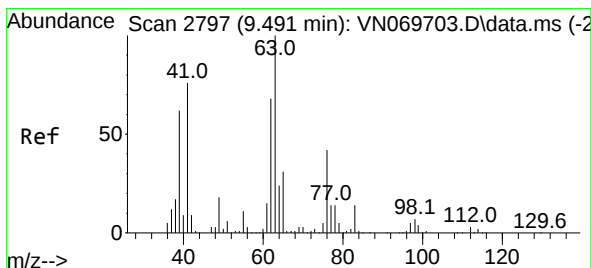
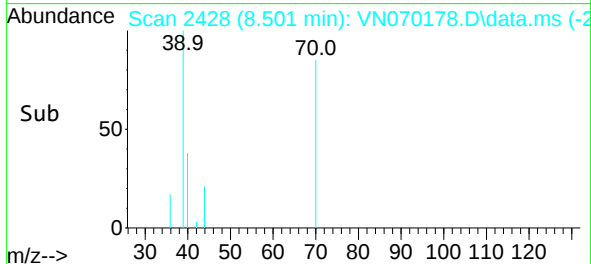
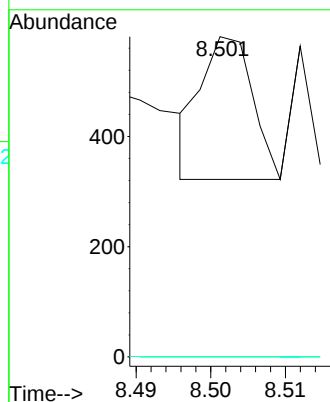
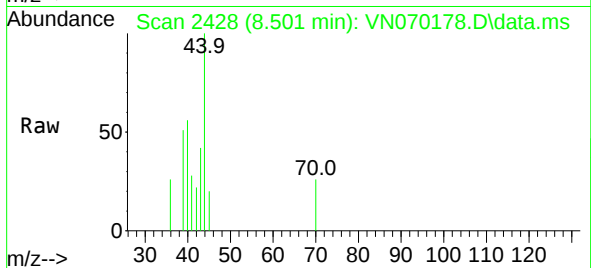




#43
Isopropyl Acetate
Concen: 35.413 ug/l
RT: 8.501 min Scan# 2451
Delta R.T. -0.062 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

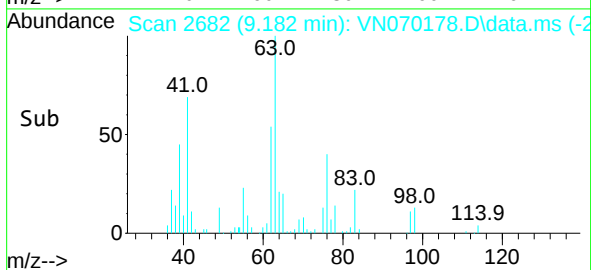
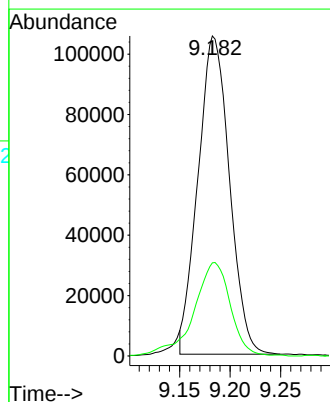
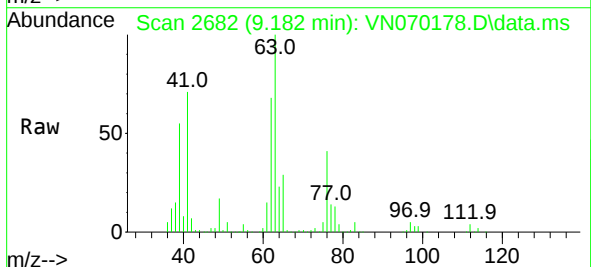
Instrument :
MSVOA_N
ClientSampleId :

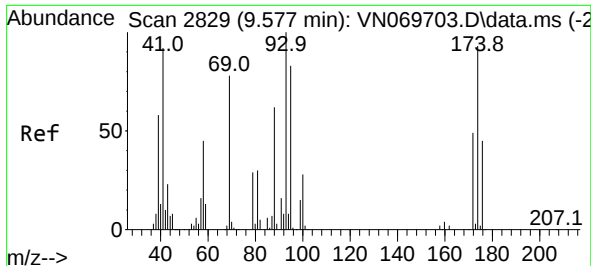
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#45
1,2-Dichloropropane
Concen: 175240.322 ug/l
RT: 9.182 min Scan# 2682
Delta R.T. -0.308 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

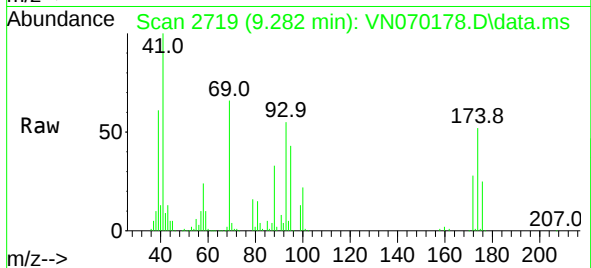
Tgt Ion: 63 Resp: 228674
Ion Ratio Lower Upper
63 100
65 29.0 24.7 37.1



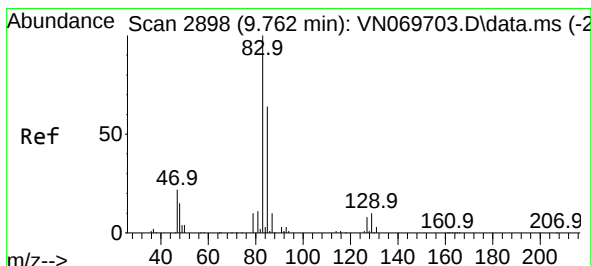
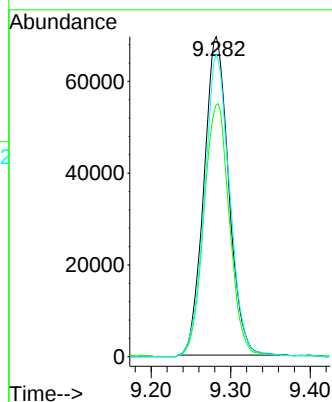
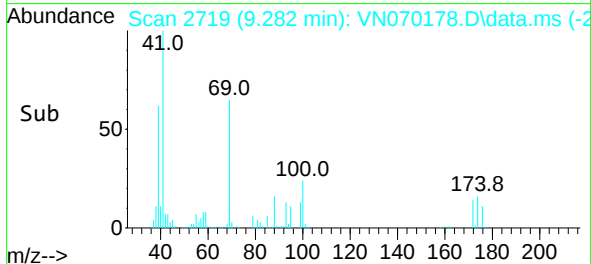


#46
Dibromomethane
Concen: 175564.329 ug/l
RT: 9.282 min Scan# 21
Delta R.T. -0.295 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

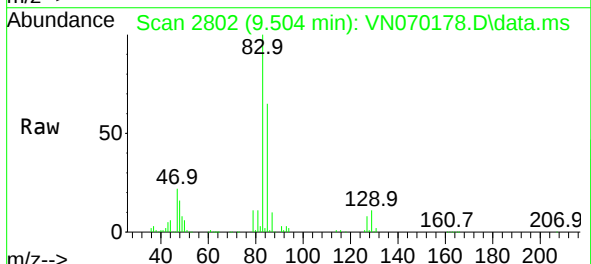
Instrument :
MSVOA_N
ClientSampleId :



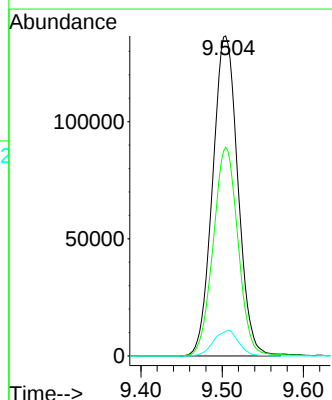
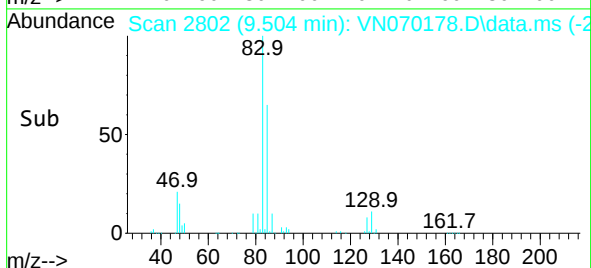
Tgt Ion: 93 Resp: 150249
Ion Ratio Lower Upper
93 100
95 81.3 65.9 98.9
174 95.2 84.6 127.0

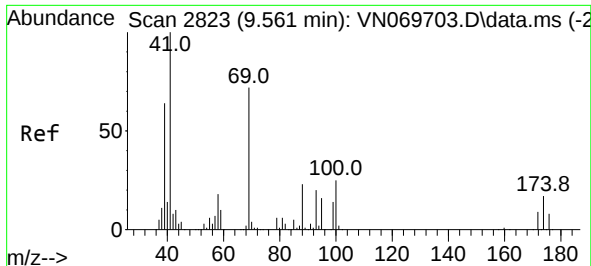


#47
Bromodichloromethane
Concen: 181785.084 ug/l
RT: 9.504 min Scan# 2802
Delta R.T. -0.257 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19



Tgt Ion: 83 Resp: 294555
Ion Ratio Lower Upper
83 100
85 65.2 50.9 76.3
127 7.7 7.1 10.7

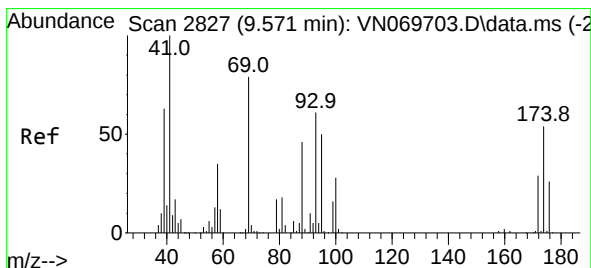
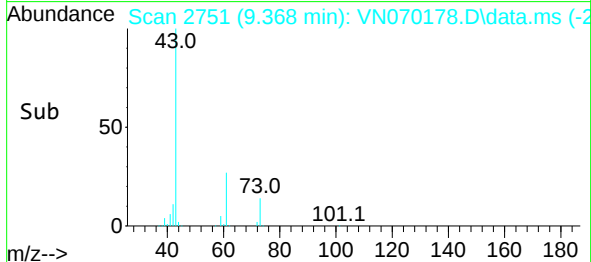
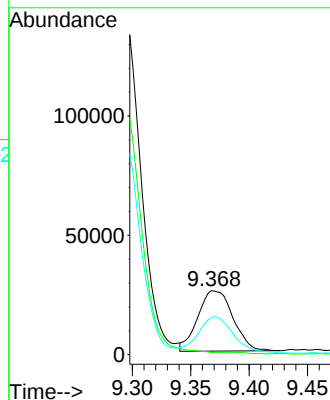
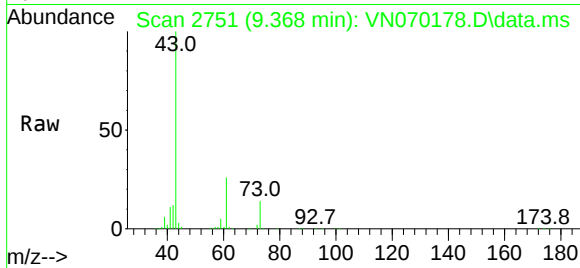




#48
Methyl methacrylate
Concen: 32413.936 ug/l
RT: 9.368 min Scan# 21
Delta R.T. -0.193 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

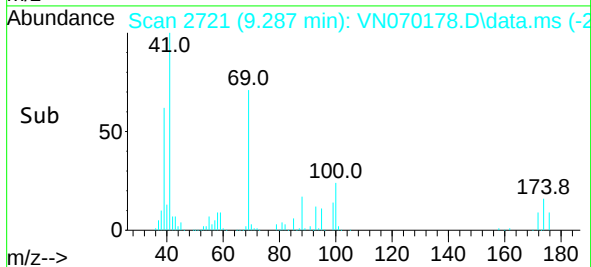
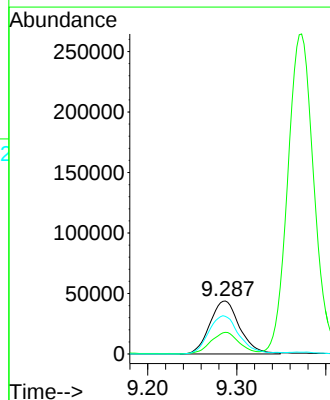
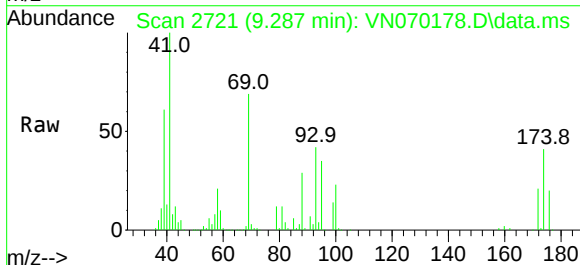
Instrument :
MSVOA_N
ClientSampleId :

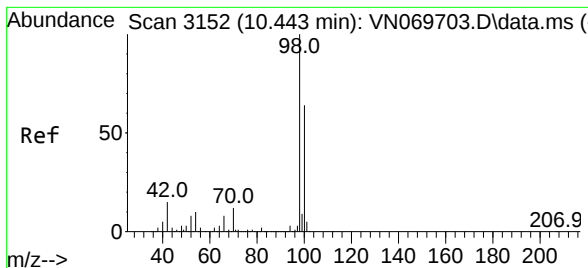
Tgt Ion: 41 Resp: 52968
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 60.5 58.4 87.6



#49
1,4-Dioxane
Concen: 3488947.575 ug/l
RT: 9.287 min Scan# 2721
Delta R.T. -0.284 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 88 Resp: 102299
Ion Ratio Lower Upper
88 100
43 38.2 23.4 35.2#
58 72.8 50.6 75.8

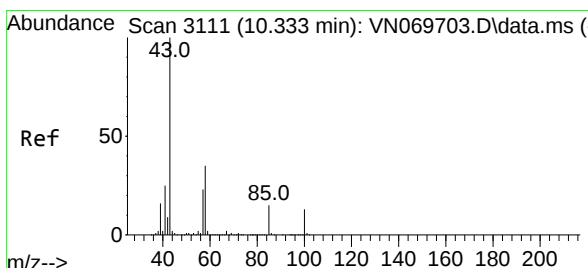
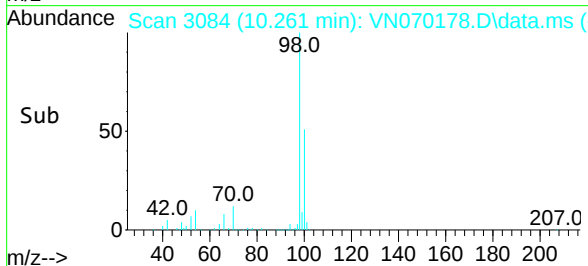
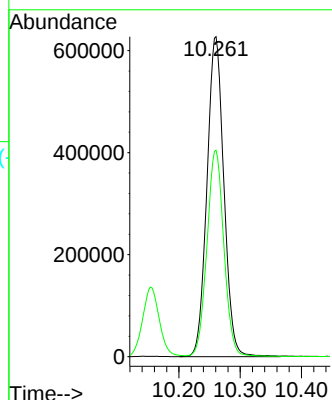
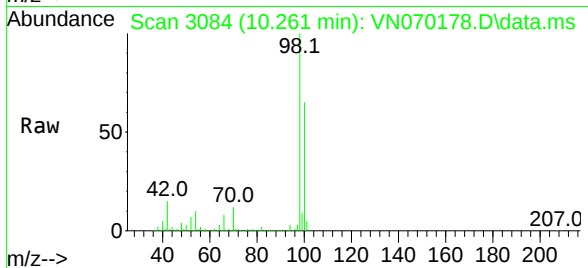




#50
Toluene-d8
Concen: 286827.687 ug/l
RT: 10.261 min Scan# 3084
Delta R.T. -0.182 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

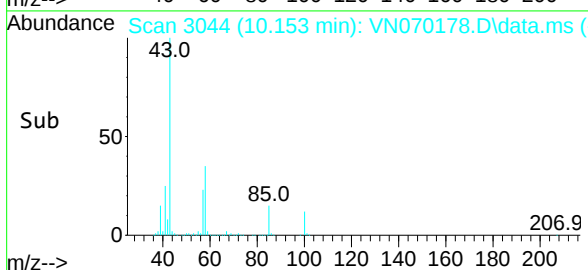
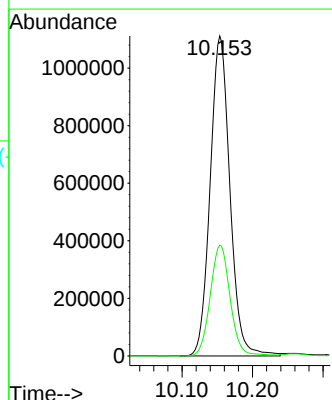
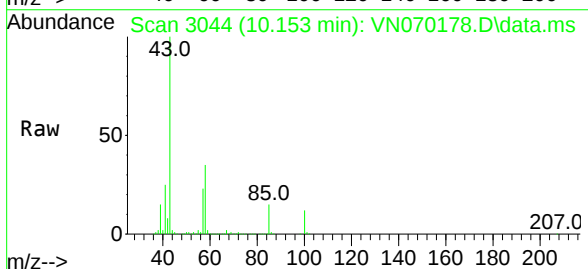
Instrument :
MSVOA_N
ClientSampleId :

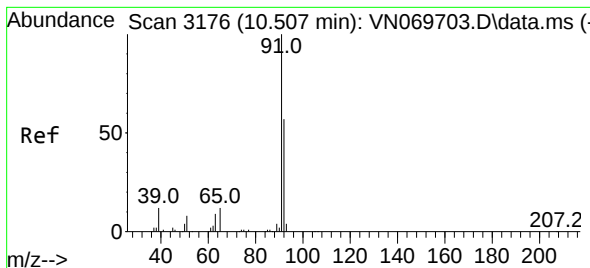
Tgt Ion: 98 Resp: 1204746
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 950868.194 ug/l
RT: 10.153 min Scan# 3044
Delta R.T. -0.180 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 43 Resp: 2159969
Ion Ratio Lower Upper
43 100
58 35.0 30.4 45.6





#52

Toluene

Concen: 187217.067 ug/l

RT: 10.328 min Scan# 31

Delta R.T. -0.180 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

Instrument :

MSVOA_N

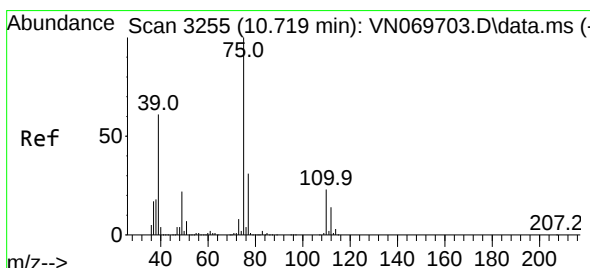
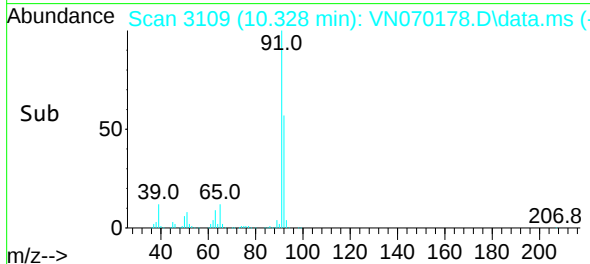
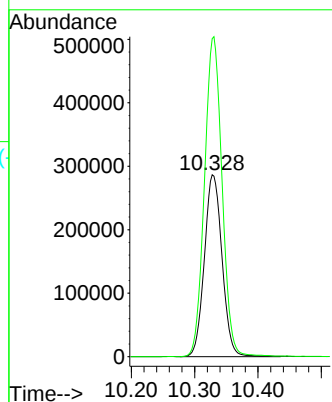
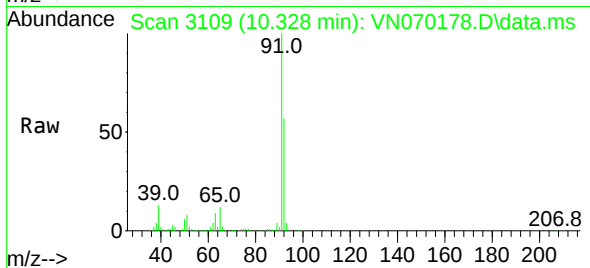
ClientSampleId :

Tgt Ion: 92 Resp: 555422

Ion Ratio Lower Upper

92 100

91 175.2 142.0 213.0



#53

t-1,3-Dichloropropene

Concen: 148596.426 ug/l

RT: 10.574 min Scan# 3201

Delta R.T. -0.145 min

Lab File: VN070178.D

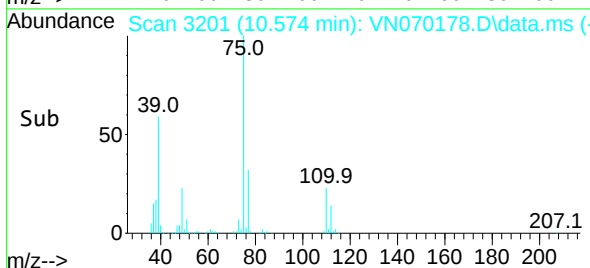
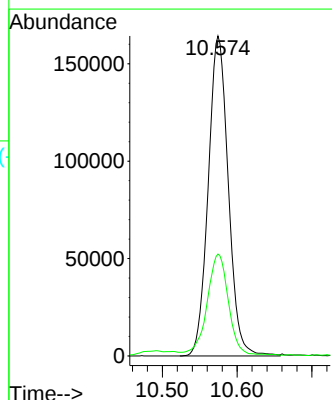
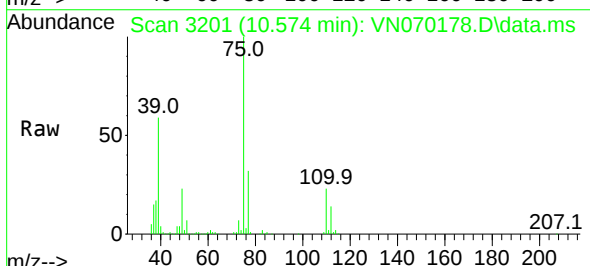
Acq: 17 Dec 2021 21:19

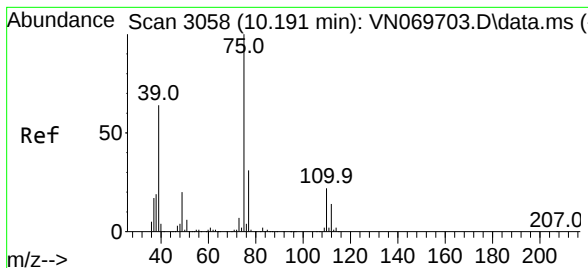
Tgt Ion: 75 Resp: 306776

Ion Ratio Lower Upper

75 100

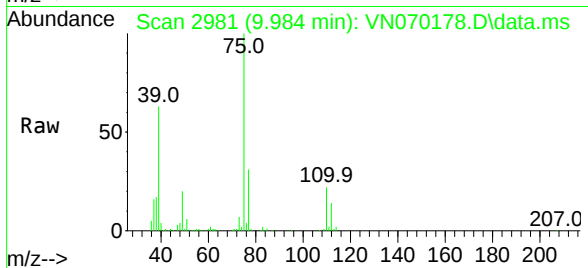
77 31.6 25.6 38.4



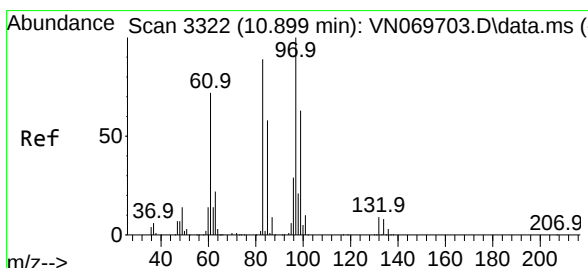
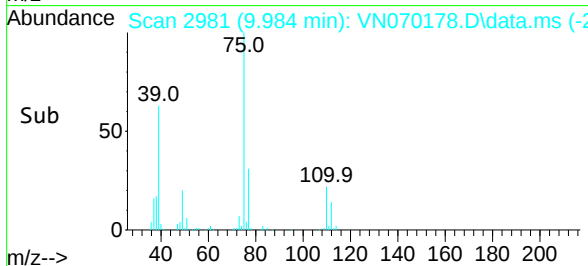
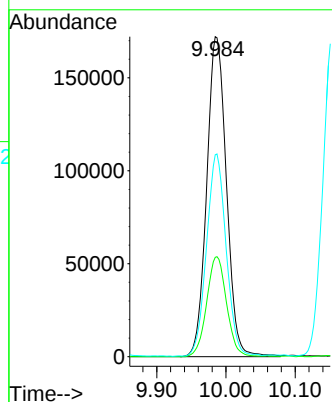


#54
 cis-1,3-Dichloropropene
 Concen: 160007.743 ug/l
 RT: 9.984 min Scan# 2981
 Delta R.T. -0.207 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

Instrument :
 MSVOA_N
 ClientSampleId :

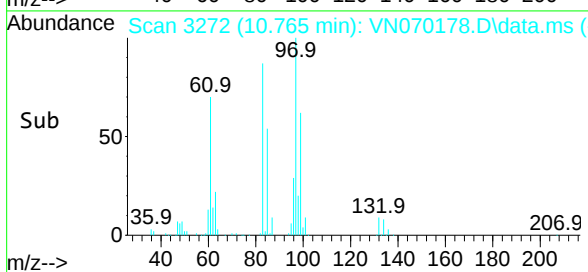
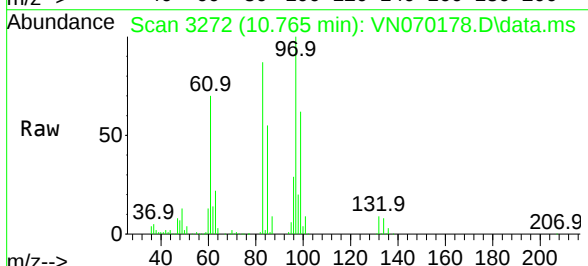
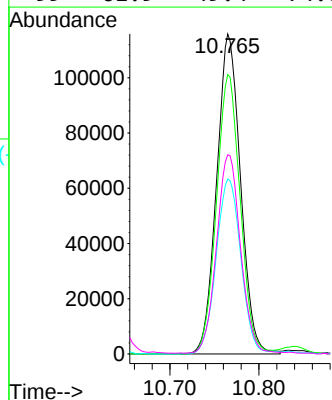


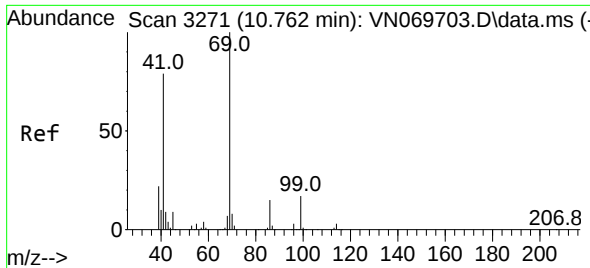
Tgt Ion: 75 Resp: 340941
 Ion Ratio Lower Upper
 75 100
 77 31.0 26.4 39.6
 39 62.9 42.5 63.7



#55
 1,1,2-Trichloroethane
 Concen: 180390.777 ug/l
 RT: 10.765 min Scan# 3272
 Delta R.T. -0.134 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

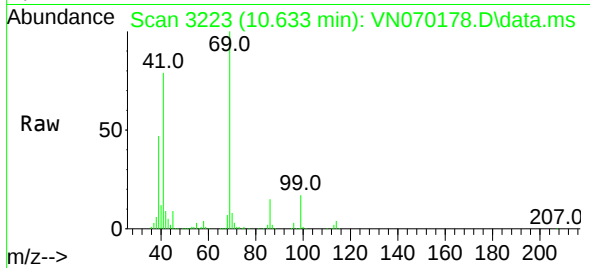
Tgt Ion: 97 Resp: 215930
 Ion Ratio Lower Upper
 97 100
 83 87.3 67.8 101.6
 85 54.7 45.4 68.2
 99 61.9 49.4 74.0



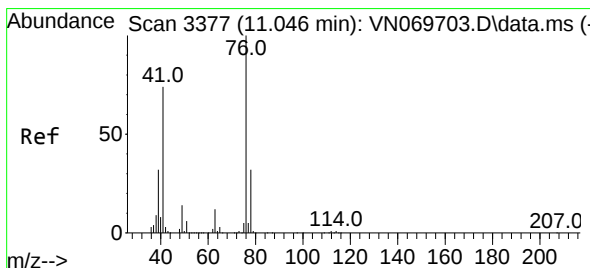
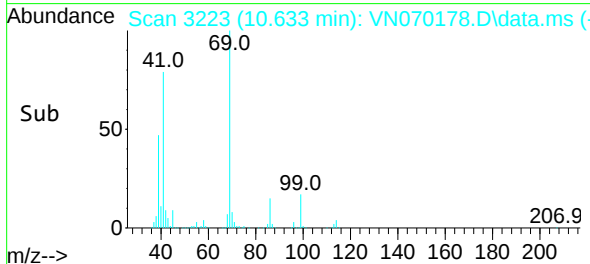
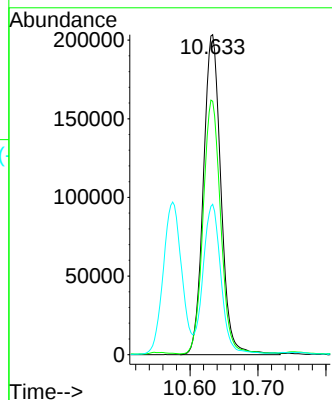


#56
Ethyl methacrylate
Concen: 154081.649 ug/l
RT: 10.633 min Scan# 31
Delta R.T. -0.129 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

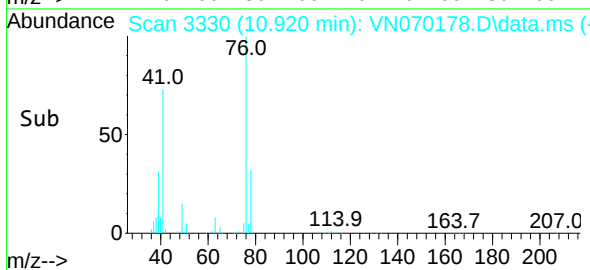
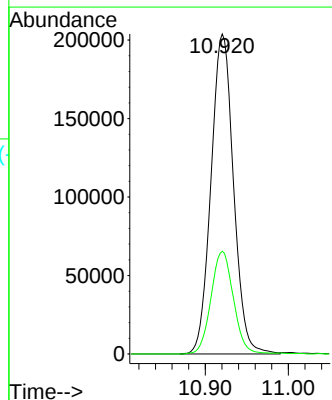
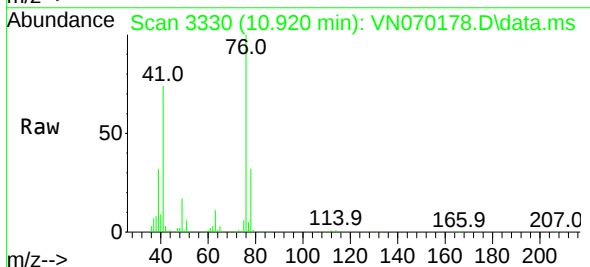


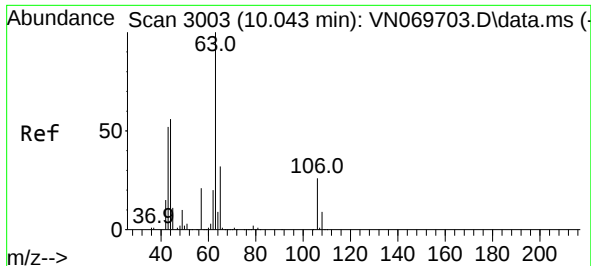
Tgt Ion: 69 Resp: 364621
Ion Ratio Lower Upper
69 100
41 79.3 51.4 77.0#
39 47.0 34.6 52.0



#57
1,3-Dichloropropane
Concen: 181897.428 ug/l
RT: 10.920 min Scan# 3330
Delta R.T. -0.126 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

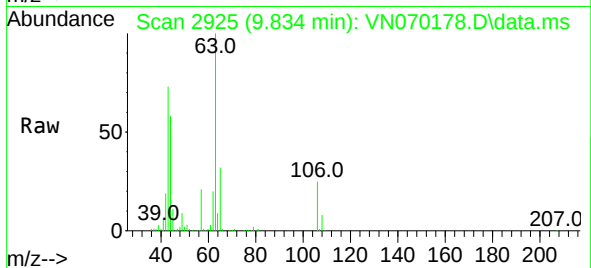
Tgt Ion: 76 Resp: 383384
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5



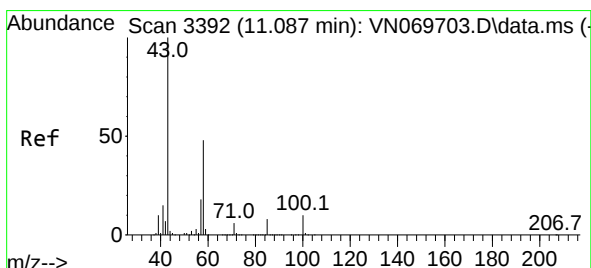
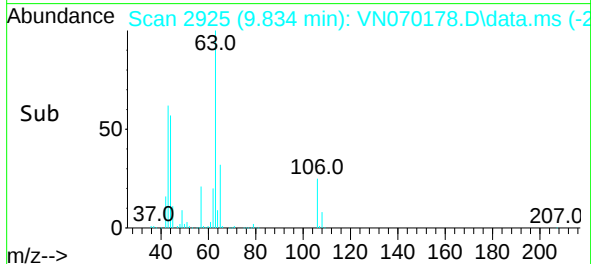
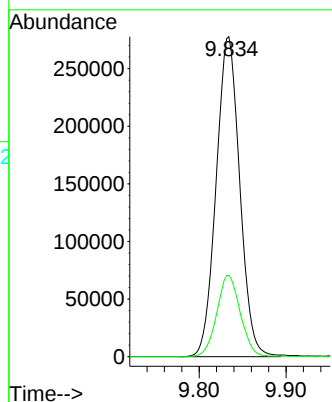


#58
2-Chloroethyl Vinyl ether
Concen: 794830.839 ug/l
RT: 9.834 min Scan# 2925
Delta R.T. -0.209 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

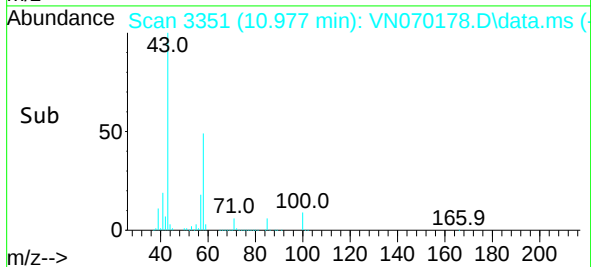
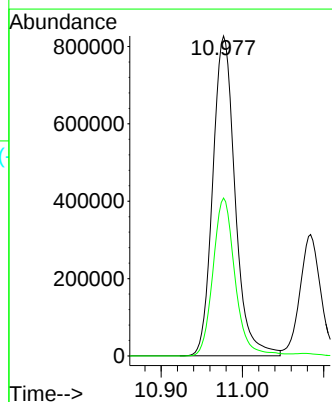
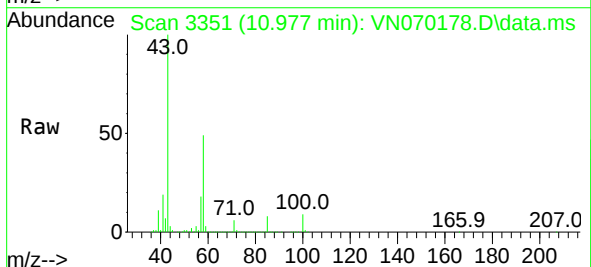


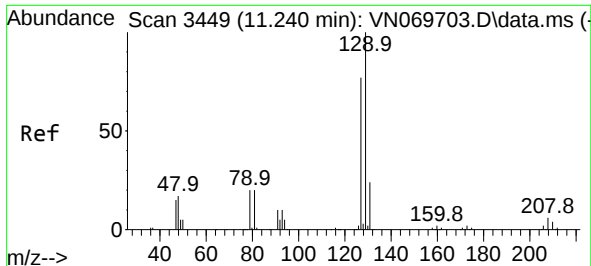
Tgt Ion: 63 Resp: 523262
Ion Ratio Lower Upper
63 100
106 25.4 23.9 35.9



#59
2-Hexanone
Concen: 916968.521 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.110 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

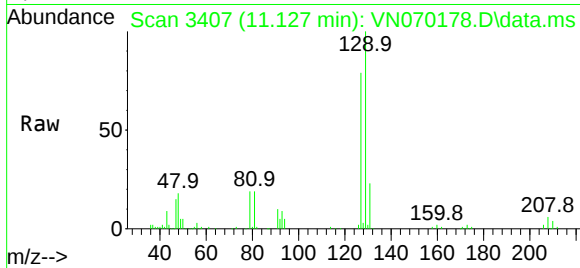
Tgt Ion: 43 Resp: 1575696
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7



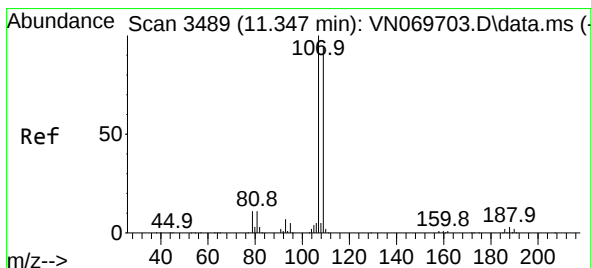
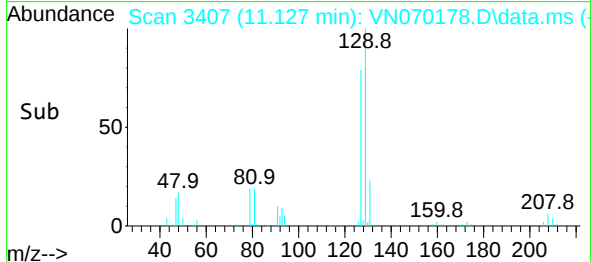
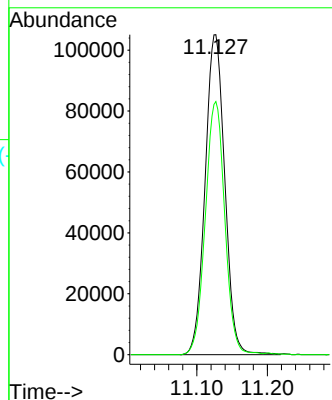


#60
Dibromochloromethane
Concen: 151098.313 ug/l
RT: 11.127 min Scan# 3447
Delta R.T. -0.113 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

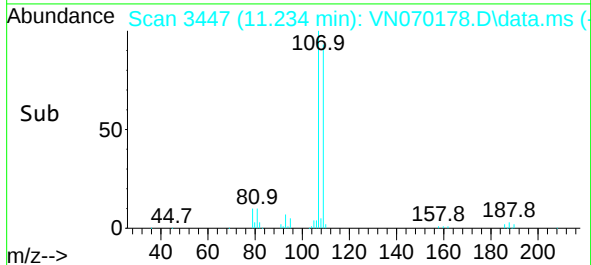
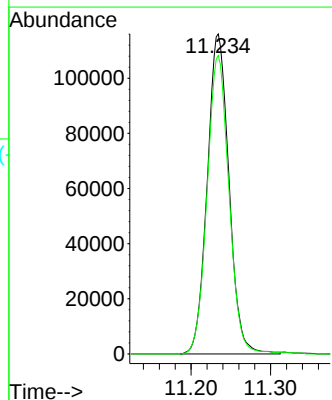
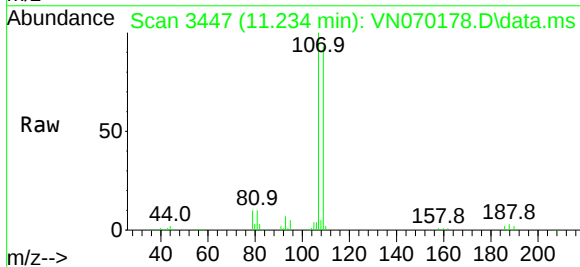


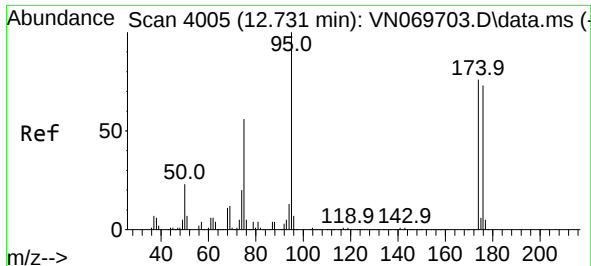
Tgt Ion:129 Resp: 203457
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0



#61
1,2-Dibromoethane
Concen: 177720.694 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.113 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion:107 Resp: 220342
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

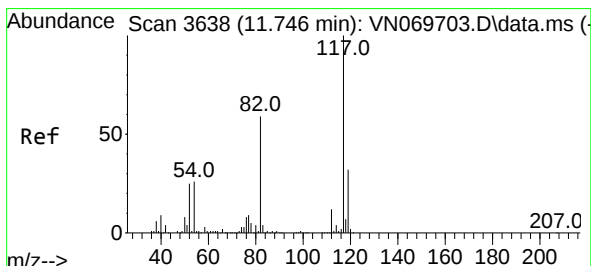
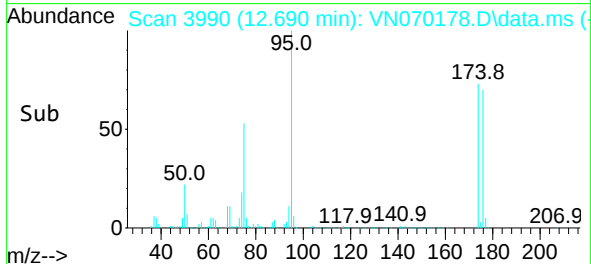
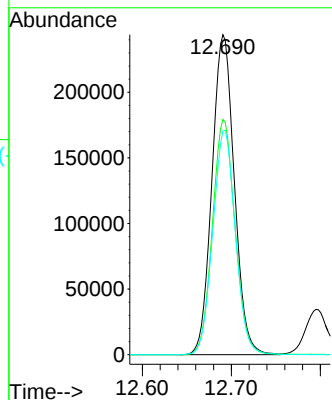
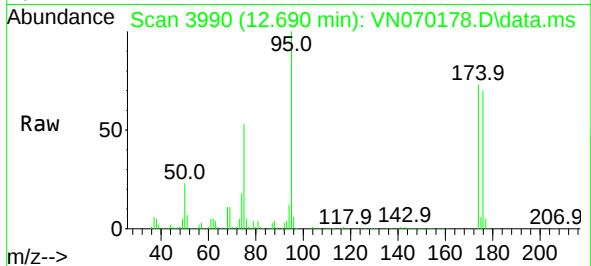




#62
4-Bromofluorobenzene
Concen: 279297.936 ug/l
RT: 12.690 min Scan# 3990
Delta R.T. -0.041 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

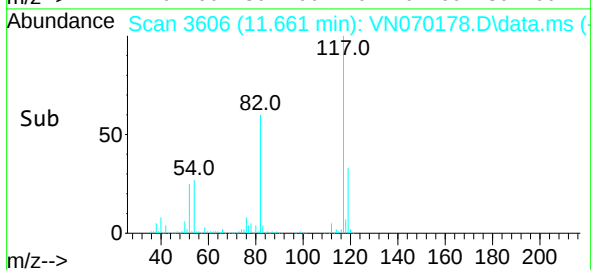
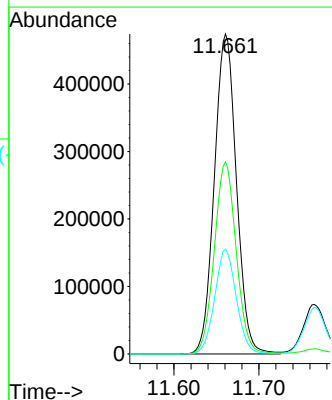
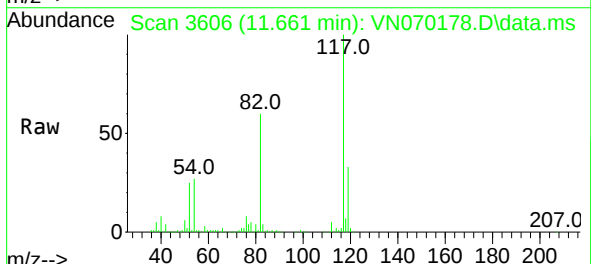
Instrument :
MSVOA_N
ClientSampleId :

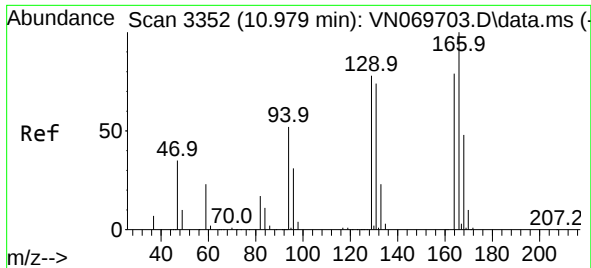
Tgt Ion: 95 Resp: 424996
Ion Ratio Lower Upper
95 100
174 74.4 0.0 187.2
176 71.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.661 min Scan# 3606
Delta R.T. -0.085 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

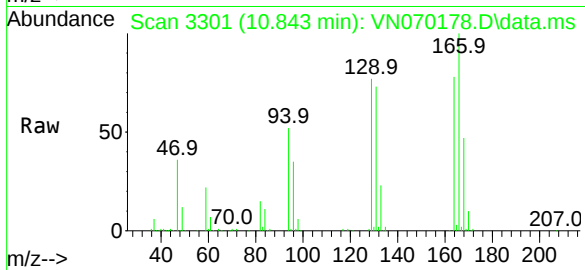
Tgt Ion: 117 Resp: 856526
Ion Ratio Lower Upper
117 100
82 60.0 42.4 63.6
119 32.7 25.4 38.2



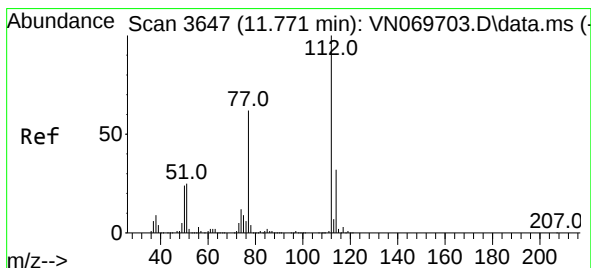
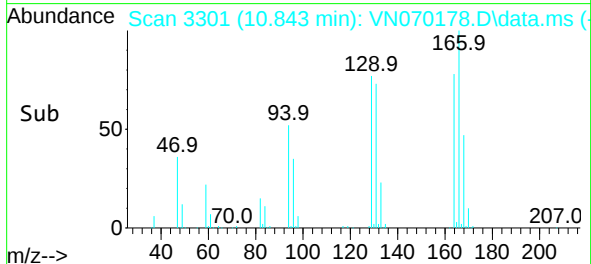
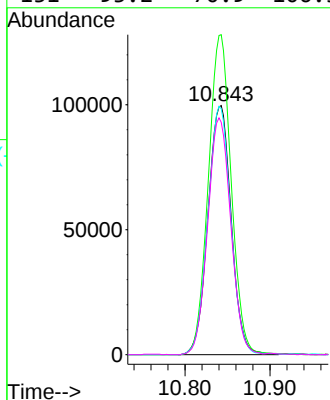


#64
Tetrachloroethene
Concen: 32.690 ug/l
RT: 10.843 min Scan# 31
Delta R.T. -0.136 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

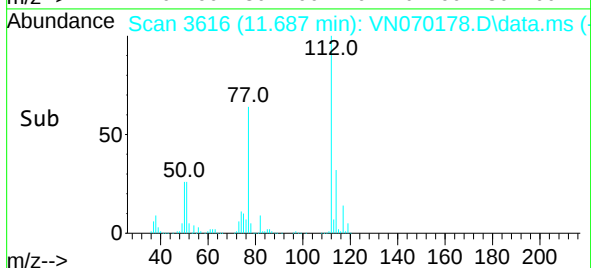
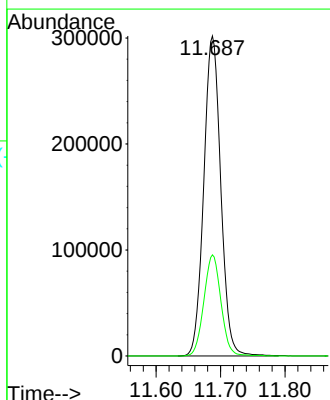
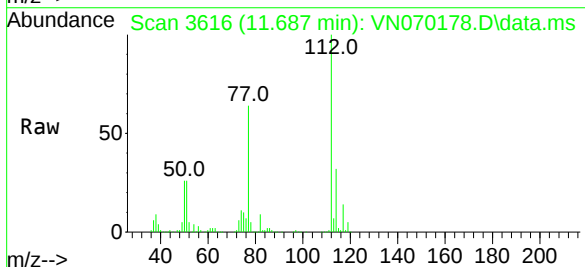


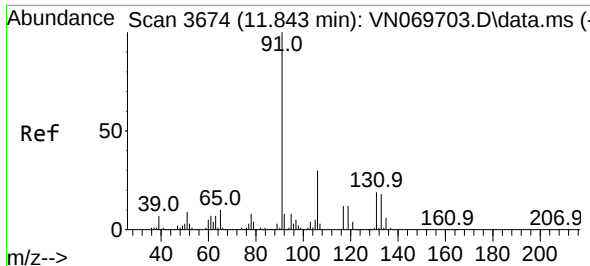
Tgt Ion:164 Resp: 189855
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 98.7 72.0 108.0
131 93.2 70.9 106.3



#65
Chlorobenzene
Concen: 31.795 ug/l
RT: 11.687 min Scan# 3616
Delta R.T. -0.084 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion:112 Resp: 552477
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.0

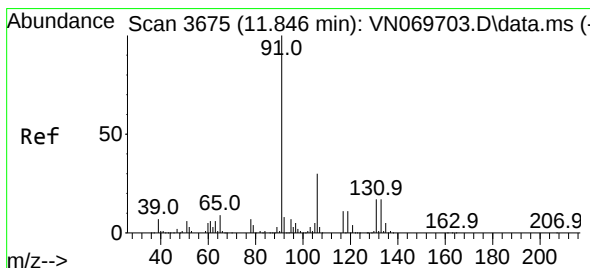
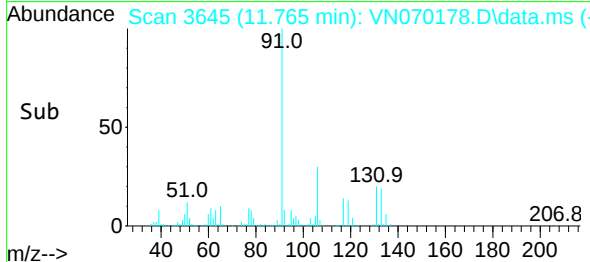
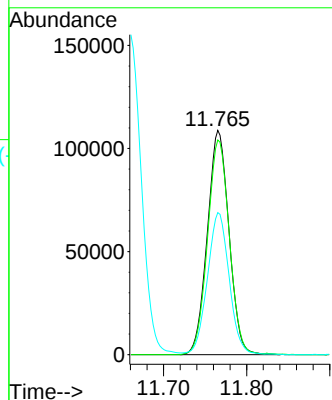
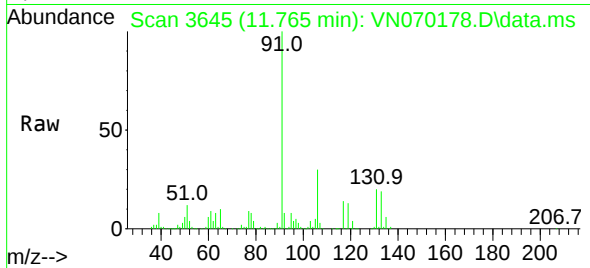




#66
1,1,1,2-Tetrachloroethane
Concen: 32.154 ug/l
RT: 11.765 min Scan# 30
Delta R.T. -0.078 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

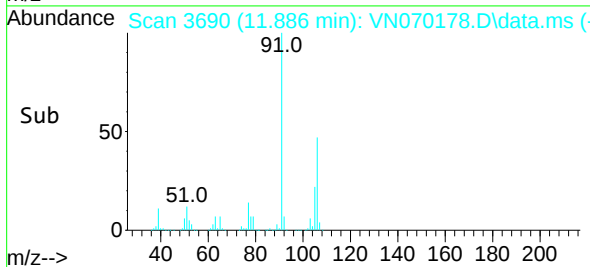
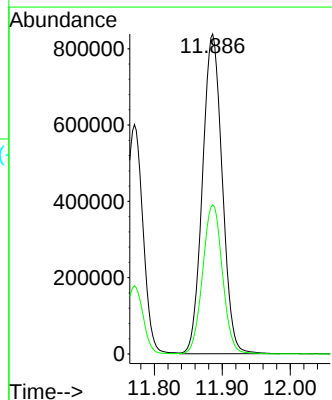
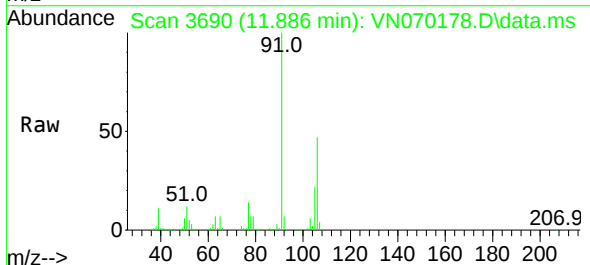
Instrument :
MSVOA_N
ClientSampleId :

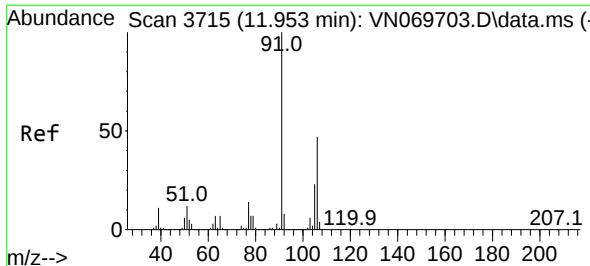
Tgt Ion:131 Resp: 196649
Ion Ratio Lower Upper
131 100
133 96.3 47.9 143.7
119 63.9 32.1 96.5



#67
Ethyl Benzene
Concen: 53.500 ug/l
RT: 11.886 min Scan# 3690
Delta R.T. 0.040 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 91 Resp: 1688660
Ion Ratio Lower Upper
91 100
106 46.6 25.7 38.5#

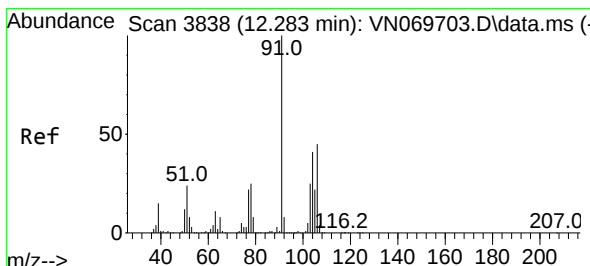
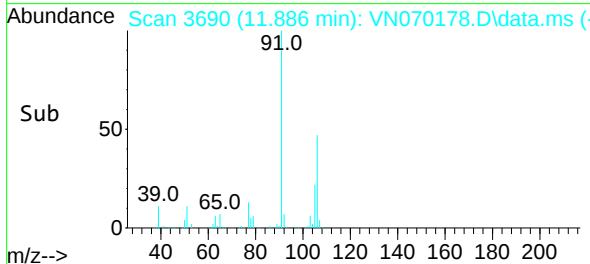
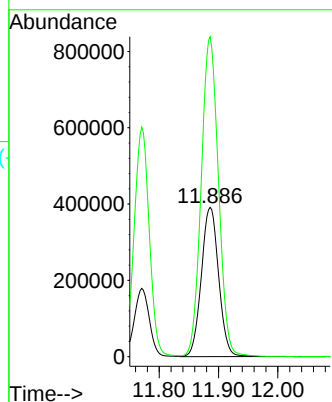
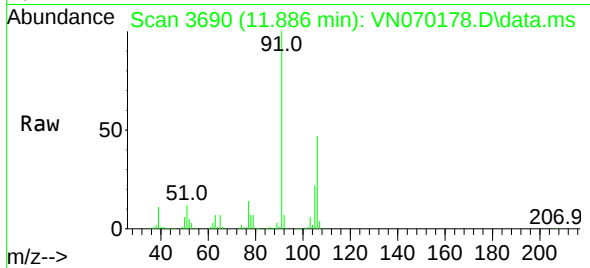




#68
m/p-Xylenes
Concen: 68.841 ug/l
RT: 11.886 min Scan# 30
Delta R.T. -0.067 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

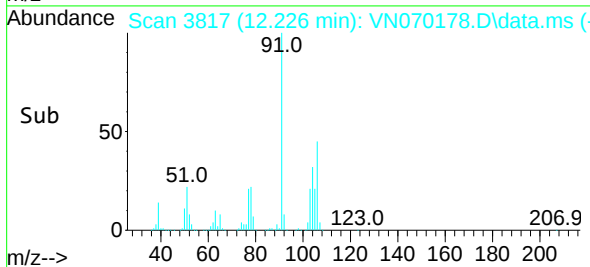
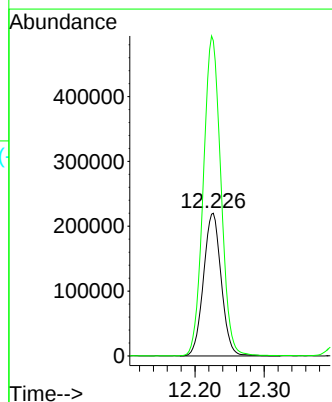
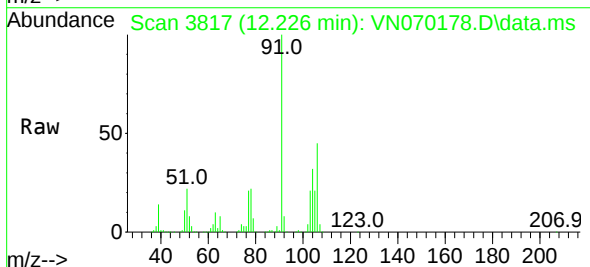
Instrument :
MSVOA_N
ClientSampleId :

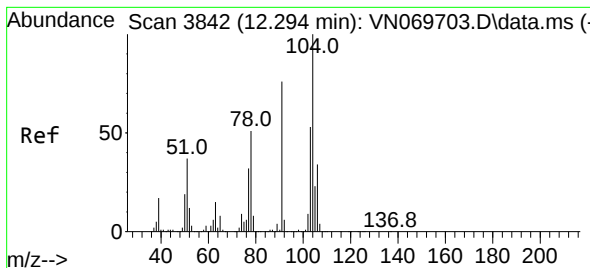
Tgt Ion:106 Resp: 791162
Ion Ratio Lower Upper
106 100
91 213.4 160.6 240.8



#69
o-Xylene
Concen: 33.788 ug/l
RT: 12.226 min Scan# 3817
Delta R.T. -0.056 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion:106 Resp: 391140
Ion Ratio Lower Upper
106 100
91 222.4 105.8 317.3





#70

Styrene

Concen: 32.563 ug/l

RT: 12.240 min Scan# 3822

Delta R.T. -0.054 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

Instrument :

MSVOA_N

ClientSampleId :

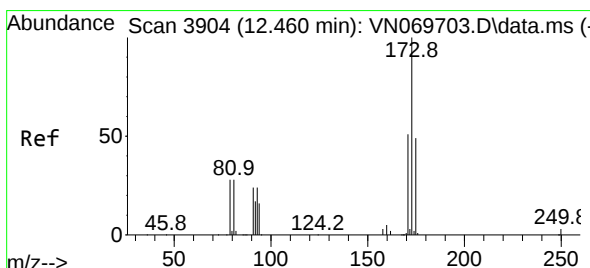
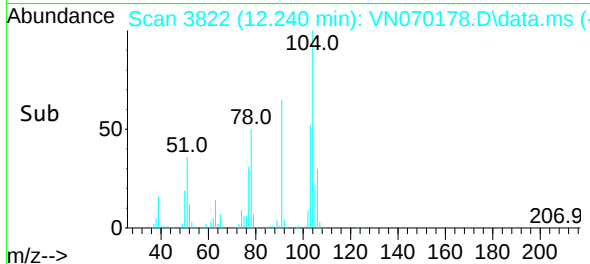
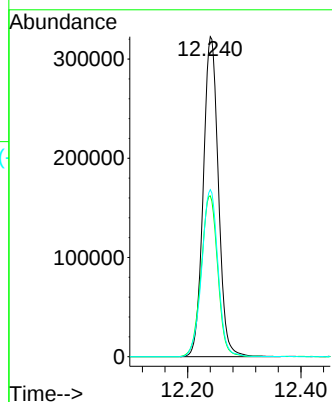
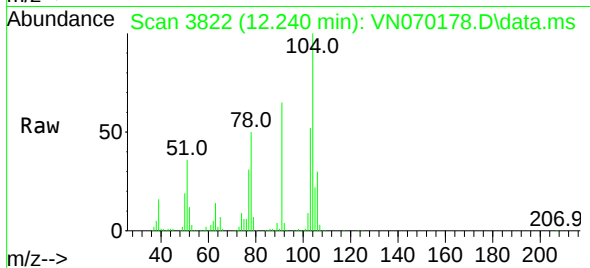
Tgt Ion:104 Resp: 597738

Ion Ratio Lower Upper

104 100

78 55.1 38.7 58.1

103 56.4 45.0 67.6



#71

Bromoform

Concen: 28.714 ug/l

RT: 12.406 min Scan# 3884

Delta R.T. -0.054 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

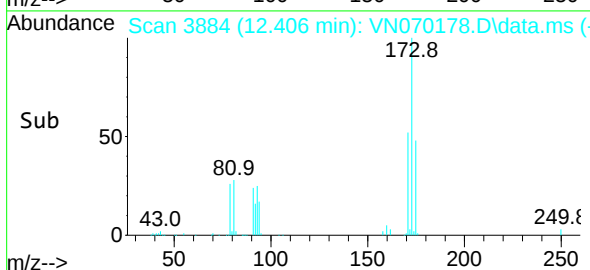
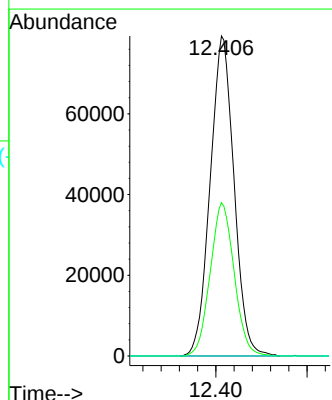
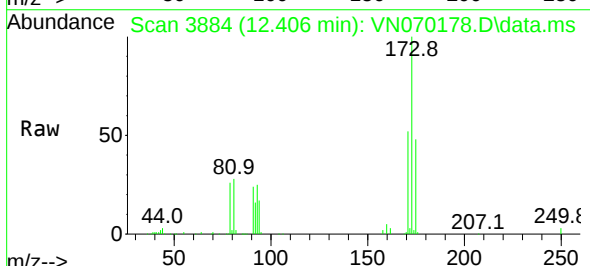
Tgt Ion:173 Resp: 143767

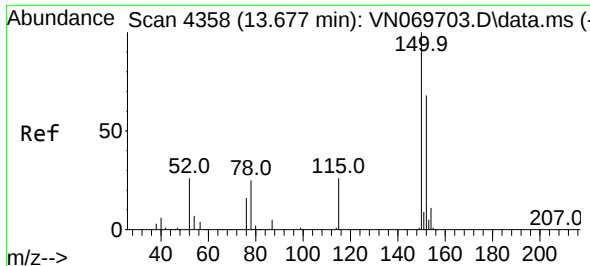
Ion Ratio Lower Upper

173 100

175 48.1 24.2 72.6

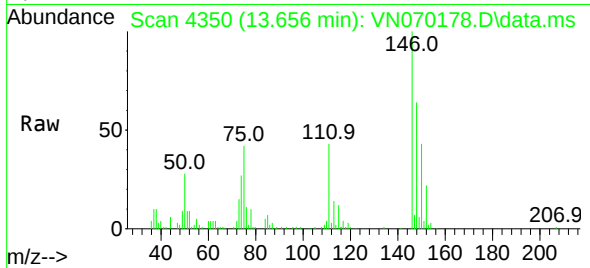
254 0.0 0.0 0.0



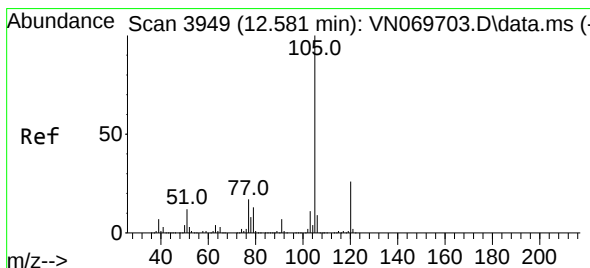
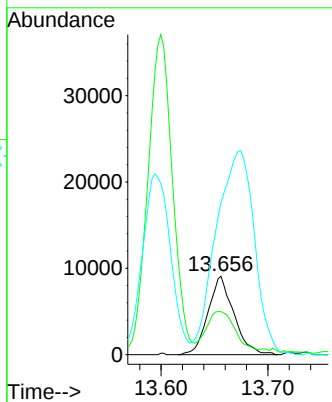
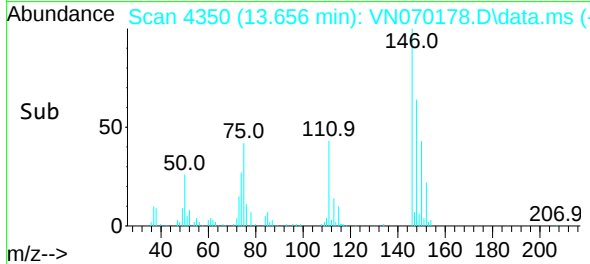


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.656 min Scan# 41
Delta R.T. -0.021 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

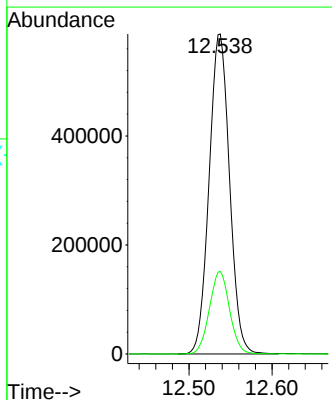
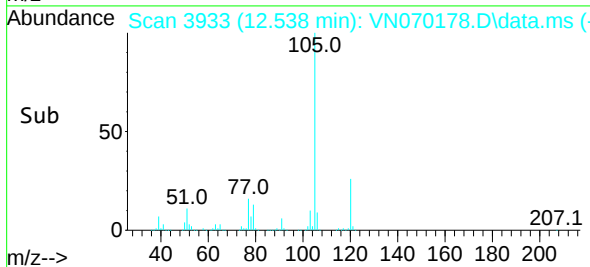
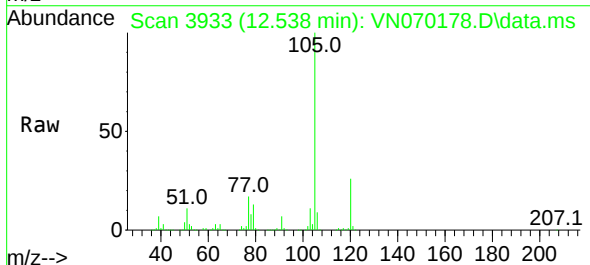


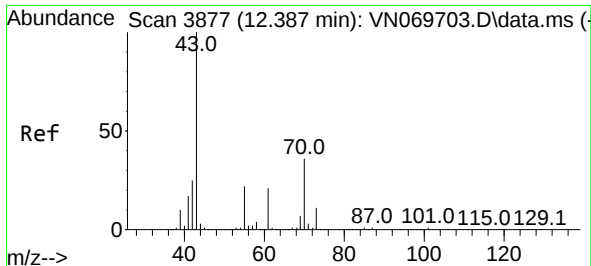
Tgt Ion:152 Resp: 15198
Ion Ratio Lower Upper
152 100
115 54.2 27.5 82.5
150 0.0 0.0 344.4



#73
Isopropylbenzene
Concen: 740.466 ug/l
RT: 12.538 min Scan# 3933
Delta R.T. -0.043 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

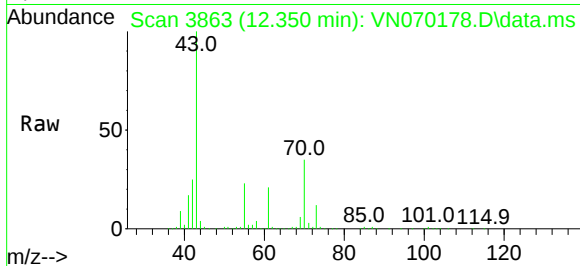
Tgt Ion:105 Resp: 1001254
Ion Ratio Lower Upper
105 100
120 25.5 13.4 40.1



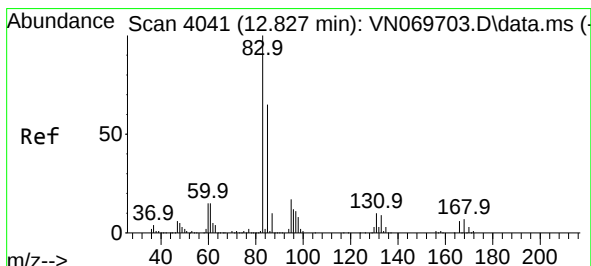
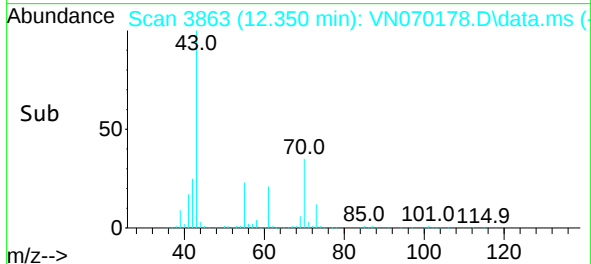
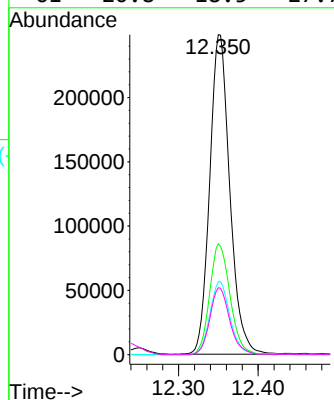


#74
N-amy1 acetate
Concen: 728.810 ug/l
RT: 12.350 min Scan# 3863
Delta R.T. -0.038 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

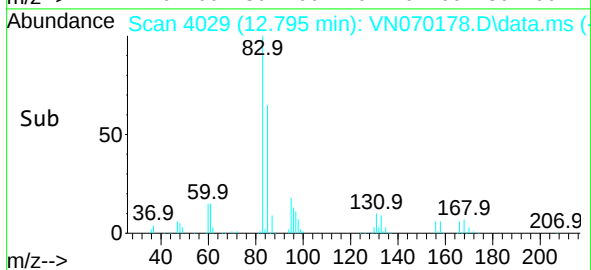
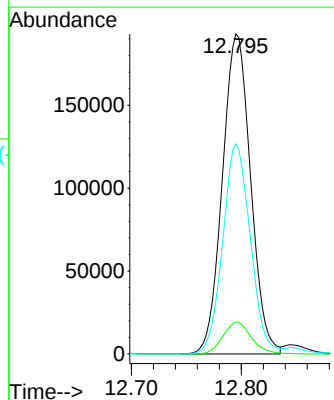
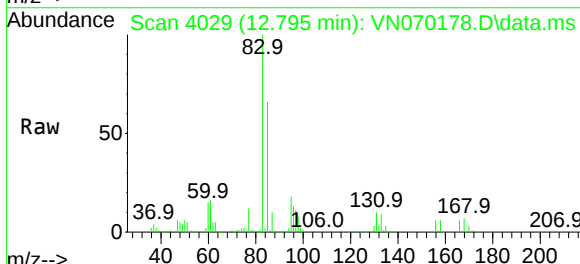


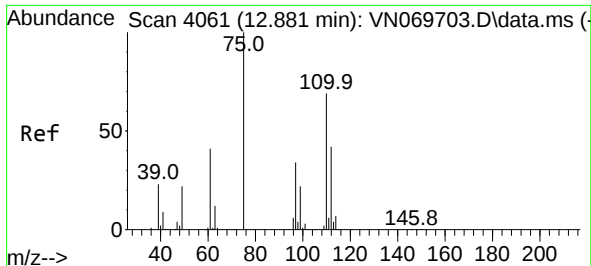
Tgt Ion:	43	Resp:	435825
Ion	Ratio	Lower	Upper
43	100		
70	35.2	33.4	50.0
55	23.0	19.3	28.9
61	20.8	18.5	27.7



#75
1,1,2,2-Tetrachloroethane
Concen: 736.063 ug/l
RT: 12.795 min Scan# 4029
Delta R.T. -0.032 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion:	83	Resp:	344177
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.5	16.5
85	64.3	32.4	97.2

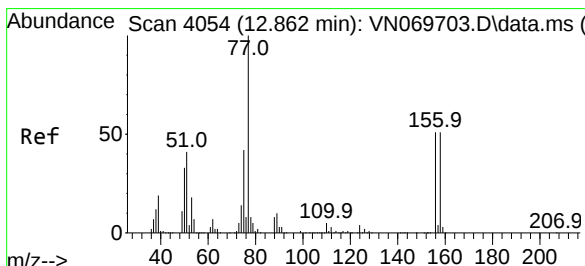
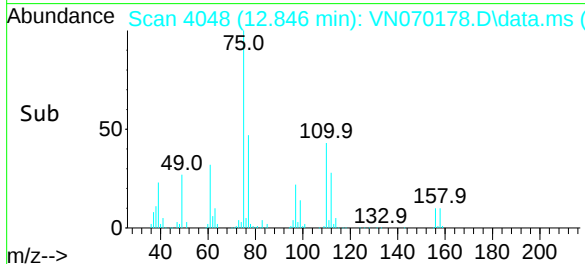
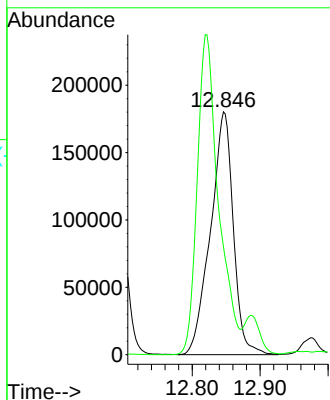
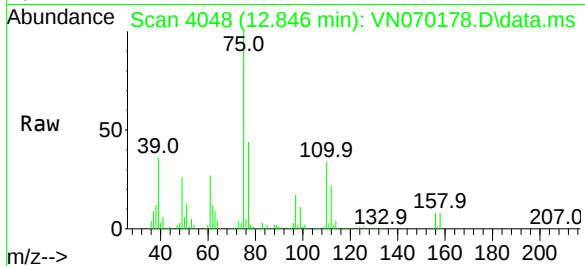




#76
1,2,3-Trichloropropane
Concen: 963.284 ug/l
RT: 12.846 min Scan# 4061
Delta R.T. -0.035 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

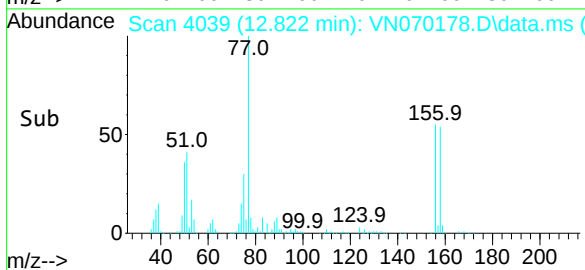
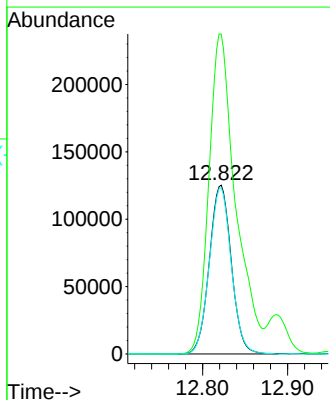
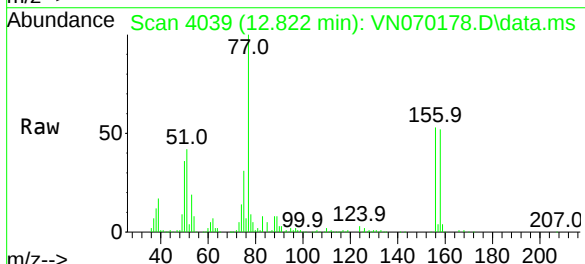
Instrument :
MSVOA_N
ClientSampleId :

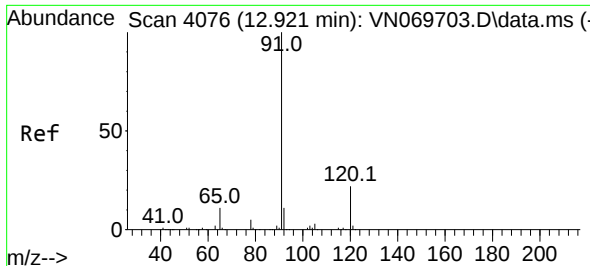
Tgt Ion: 75 Resp: 419841
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#



#77
Bromobenzene
Concen: 708.769 ug/l
RT: 12.822 min Scan# 4039
Delta R.T. -0.040 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 156 Resp: 225114
Ion Ratio Lower Upper
156 100
77 229.7 90.6 271.8
158 98.6 48.9 146.7

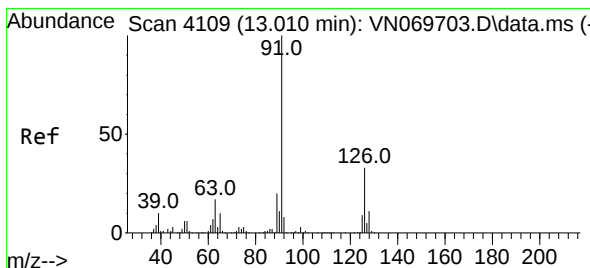
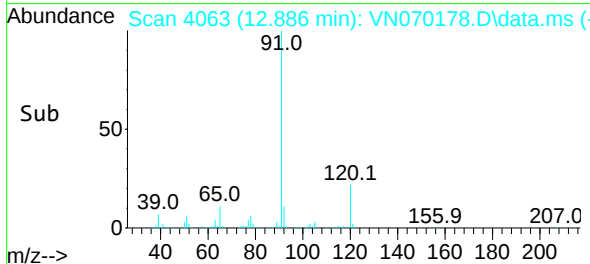
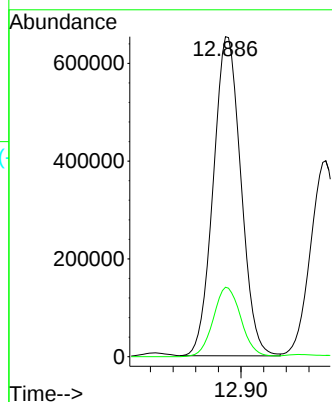
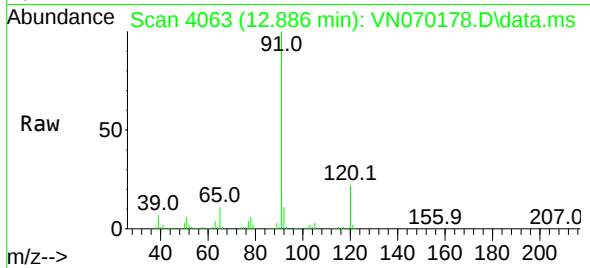




#78
n-propylbenzene
Concen: 734.368 ug/l
RT: 12.886 min Scan# 4063
Delta R.T. -0.035 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

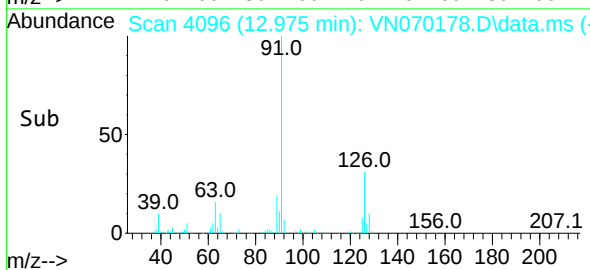
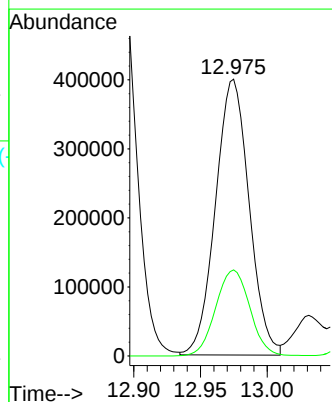
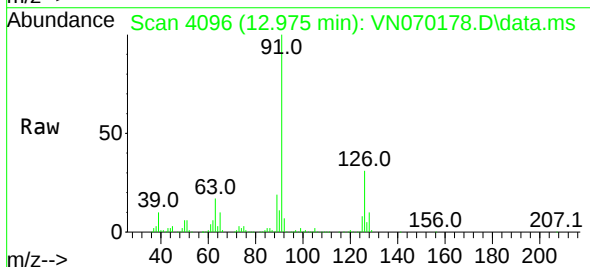
Instrument :
MSVOA_N
ClientSampleId :

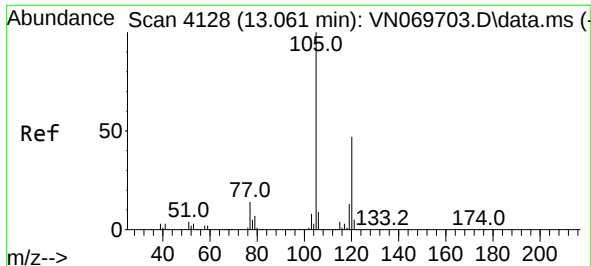
Tgt Ion: 91 Resp: 1105000
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9



#79
2-Chlorotoluene
Concen: 737.674 ug/l
RT: 12.975 min Scan# 4096
Delta R.T. -0.035 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 91 Resp: 701361
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

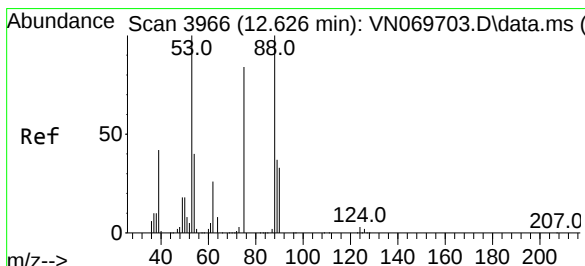
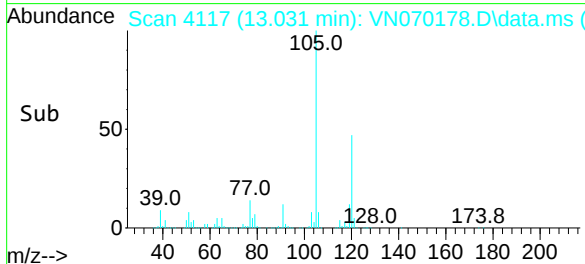
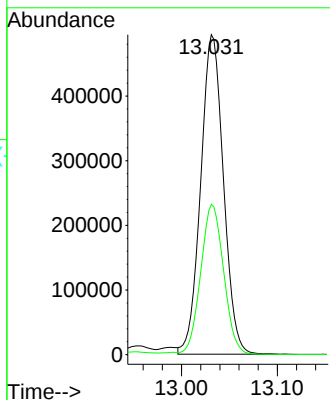
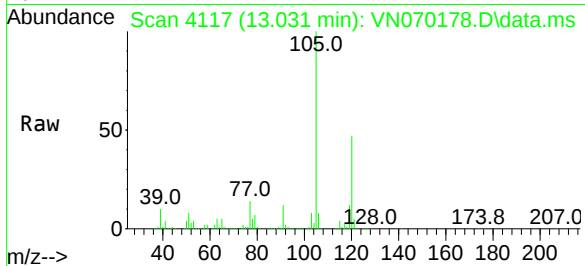




#80
1,3,5-Trimethylbenzene
Concen: 750.612 ug/l
RT: 13.031 min Scan# 4128
Delta R.T. -0.029 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

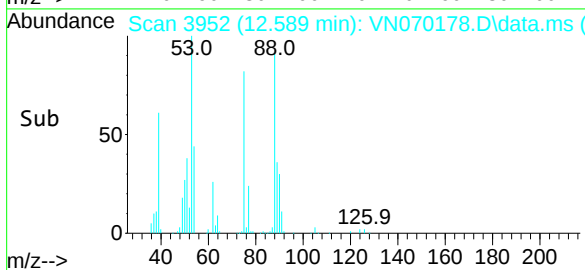
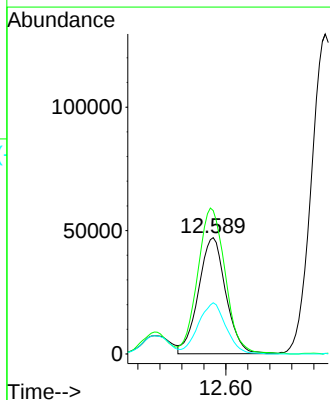
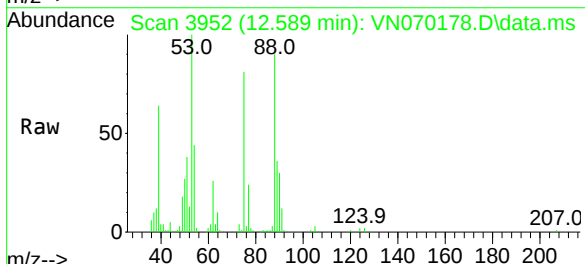
Instrument :
MSVOA_N
ClientSampleId :

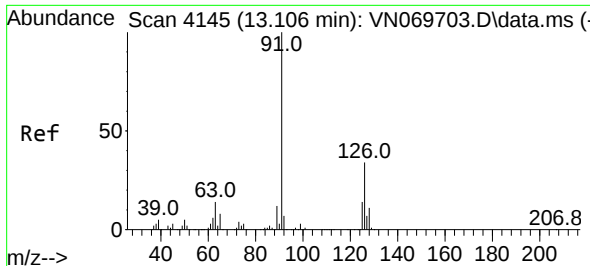
Tgt Ion:105 Resp: 816935
Ion Ratio Lower Upper
105 100
120 47.2 24.6 73.6



#81
trans-1,4-Dichloro-2-butene
Concen: 564.072 ug/l
RT: 12.589 min Scan# 3952
Delta R.T. -0.037 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 75 Resp: 81168
Ion Ratio Lower Upper
75 100
53 127.8 90.5 135.7
89 44.7 38.2 57.4

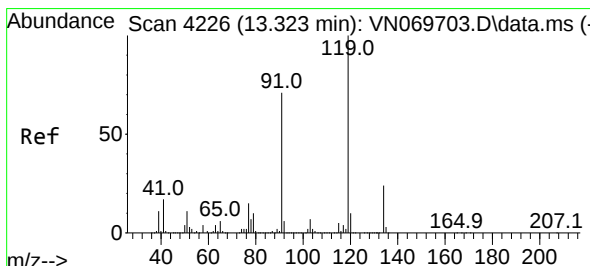
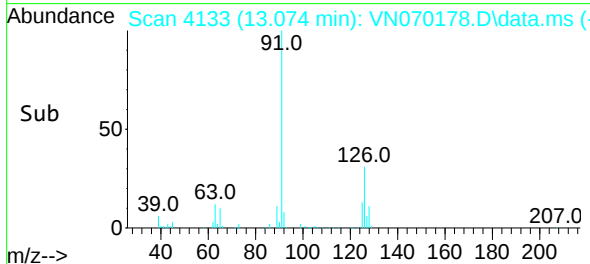
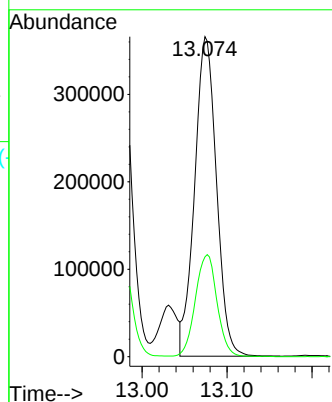
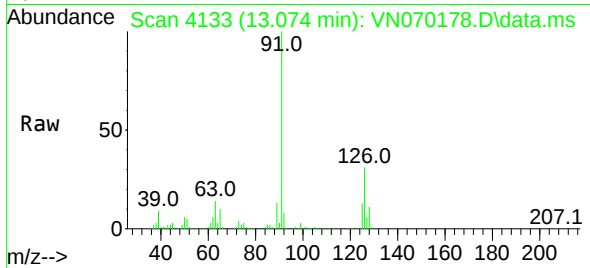




#82
4-Chlorotoluene
Concen: 728.840 ug/l
RT: 13.074 min Scan# 4145
Delta R.T. -0.032 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

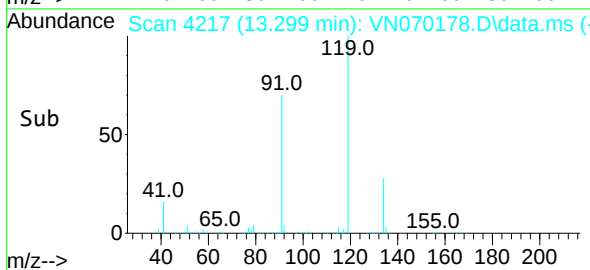
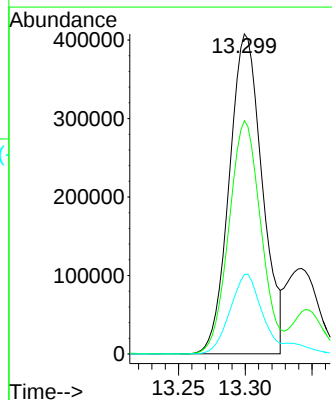
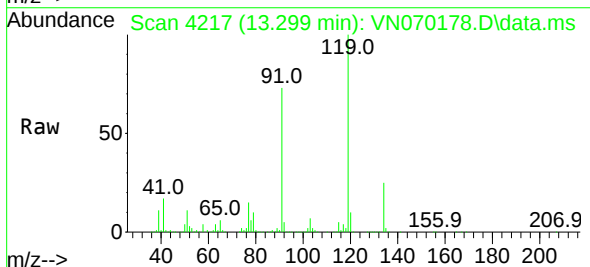
Instrument :
MSVOA_N
ClientSampleId :

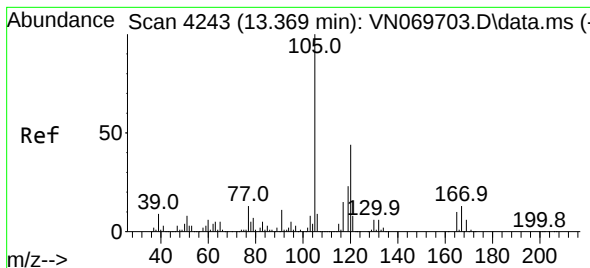
Tgt Ion: 91 Resp: 651685
Ion Ratio Lower Upper
91 100
126 31.7 18.2 54.6



#83
tert-Butylbenzene
Concen: 726.381 ug/l
RT: 13.299 min Scan# 4217
Delta R.T. -0.024 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 119 Resp: 700021
Ion Ratio Lower Upper
119 100
91 70.9 31.5 94.5
134 24.3 12.4 37.4





#84

1,2,4-Trimethylbenzene

Concen: 810.168 ug/l

RT: 13.345 min Scan# 41

Delta R.T. -0.024 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

Instrument :

MSVOA_N

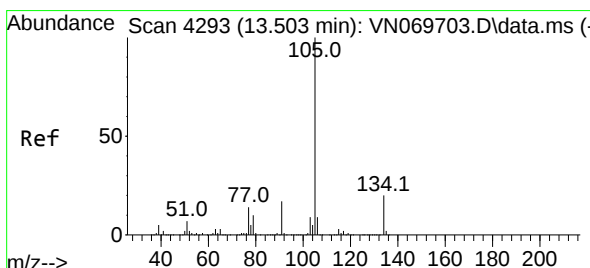
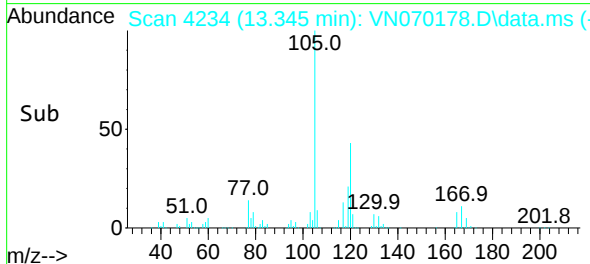
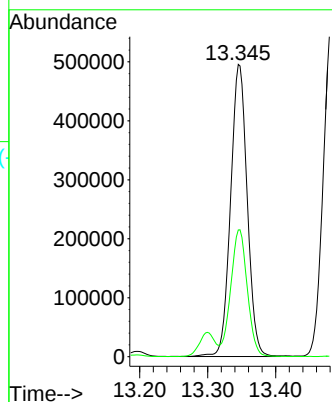
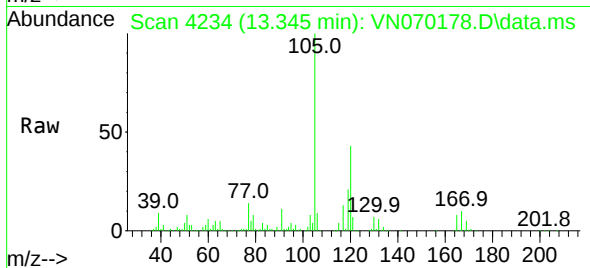
ClientSampleId :

Tgt Ion:105 Resp: 839745

Ion Ratio Lower Upper

105 100

120 43.5 22.8 68.4



#85

sec-Butylbenzene

Concen: 729.565 ug/l

RT: 13.482 min Scan# 4285

Delta R.T. -0.021 min

Lab File: VN070178.D

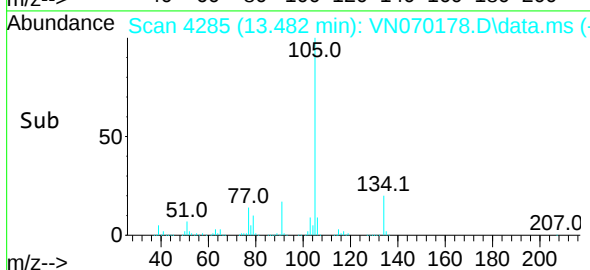
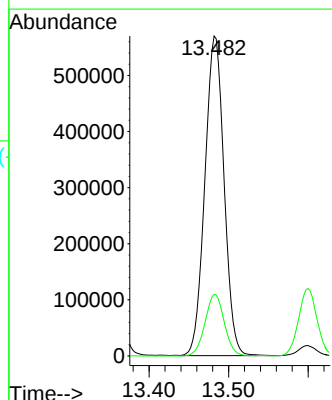
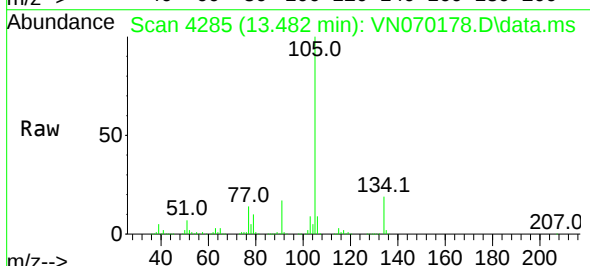
Acq: 17 Dec 2021 21:19

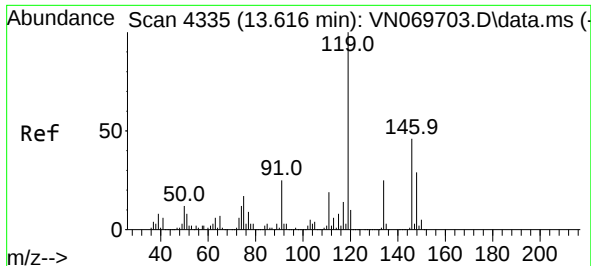
Tgt Ion:105 Resp: 953676

Ion Ratio Lower Upper

105 100

134 19.4 10.4 31.1

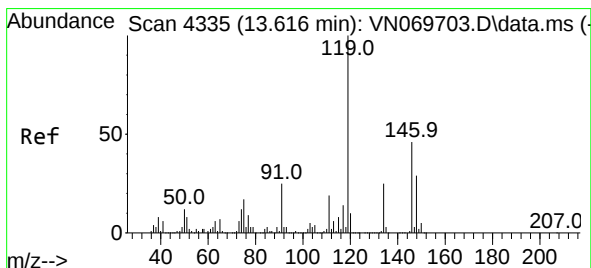
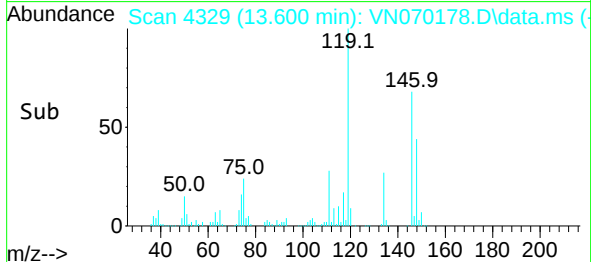
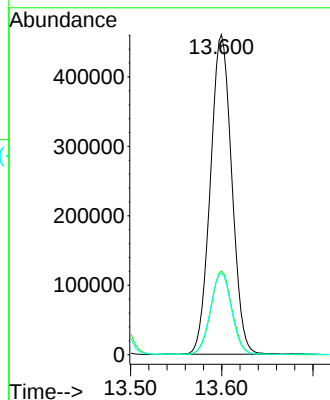
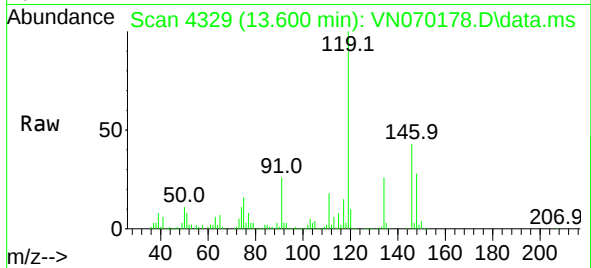




#86
p-Isopropyltoluene
Concen: 732.797 ug/l
RT: 13.600 min Scan# 4329
Delta R.T. -0.016 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

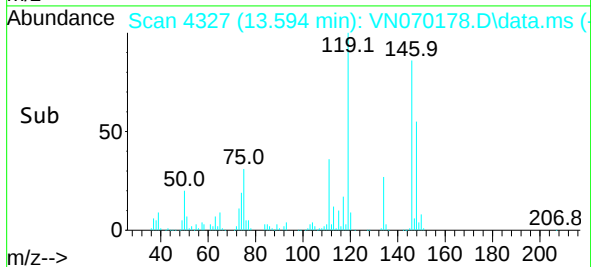
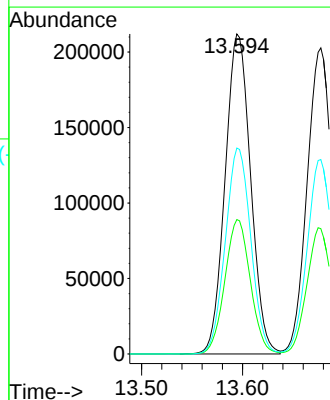
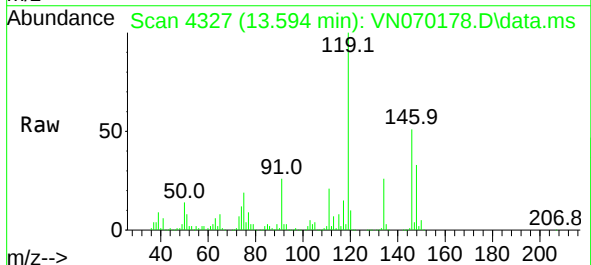
Instrument :
MSVOA_N
ClientSampleId :

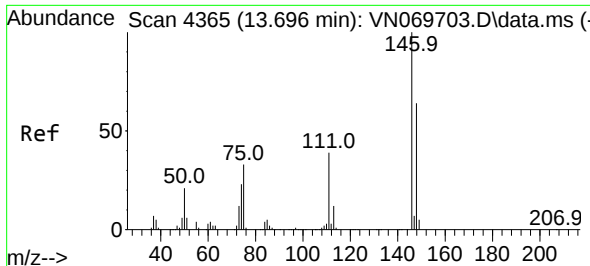
Tgt Ion:119 Resp: 748751
Ion Ratio Lower Upper
119 100
134 26.0 13.6 40.7
91 25.5 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 713.217 ug/l
RT: 13.594 min Scan# 4327
Delta R.T. -0.021 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

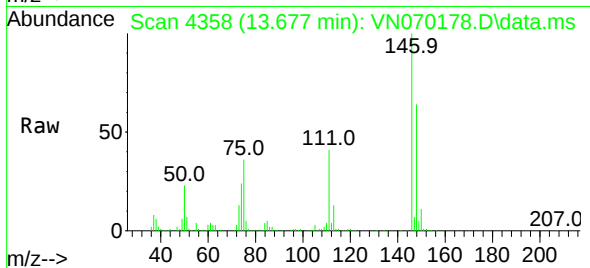
Tgt Ion:146 Resp: 372146
Ion Ratio Lower Upper
146 100
111 41.9 18.6 55.6
148 64.5 31.6 95.0



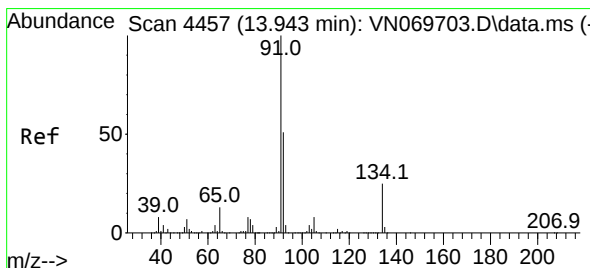
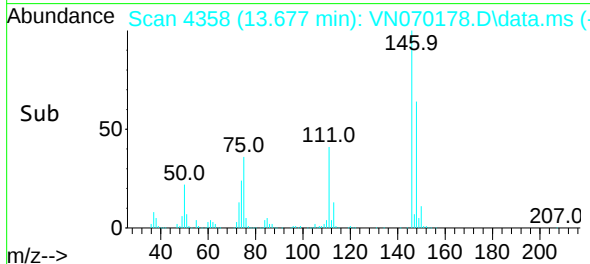
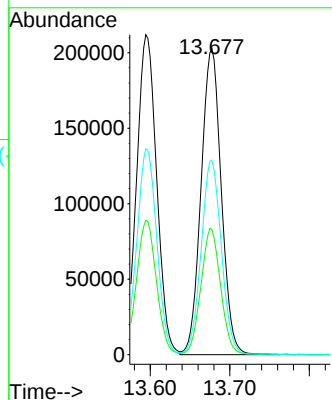


#88
1,4-Dichlorobenzene
Concen: 697.853 ug/l
RT: 13.677 min Scan# 41
Delta R.T. -0.019 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Instrument :
MSVOA_N
ClientSampleId :

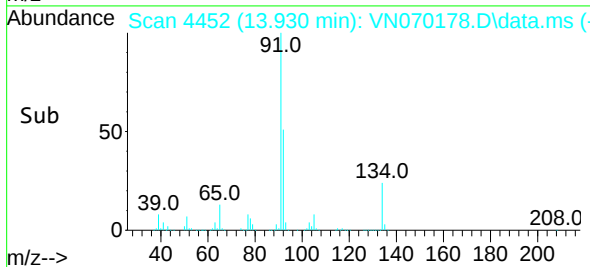
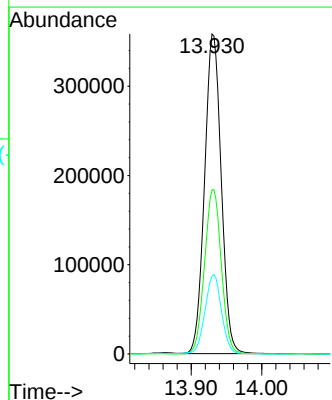
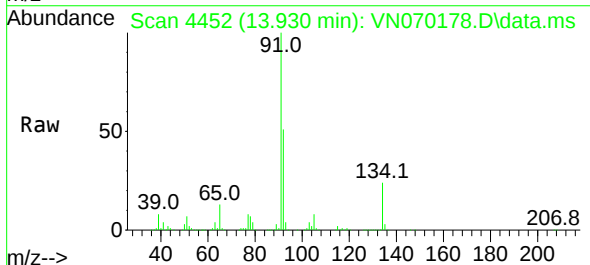


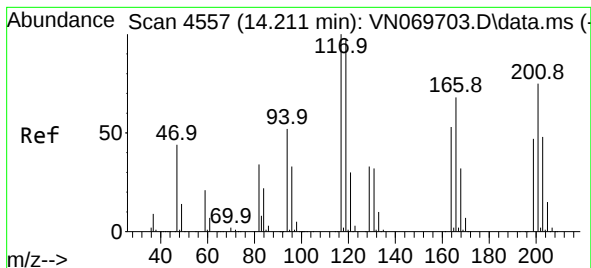
Tgt Ion:146 Resp: 357840
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 63.3 31.8 95.4



#89
n-Butylbenzene
Concen: 709.364 ug/l
RT: 13.930 min Scan# 4452
Delta R.T. -0.013 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

Tgt Ion: 91 Resp: 587957
Ion Ratio Lower Upper
91 100
92 51.8 25.4 76.0
134 24.7 13.6 40.8





#90

Hexachloroethane

Concen: 684.607 ug/l

RT: 14.198 min Scan# 41

Delta R.T. -0.013 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

Instrument :

MSVOA_N

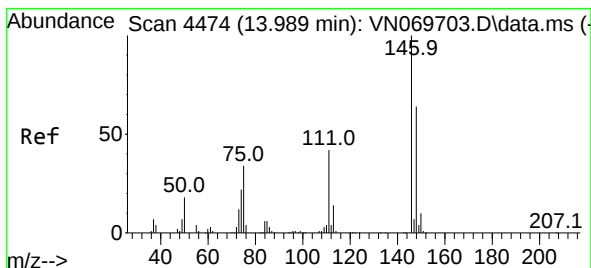
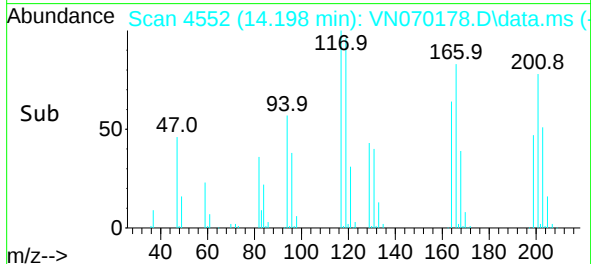
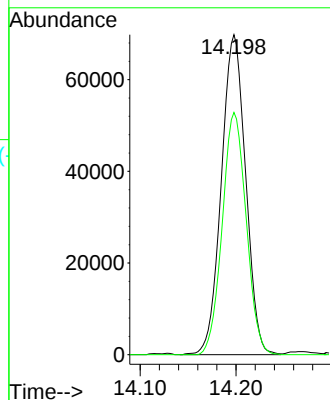
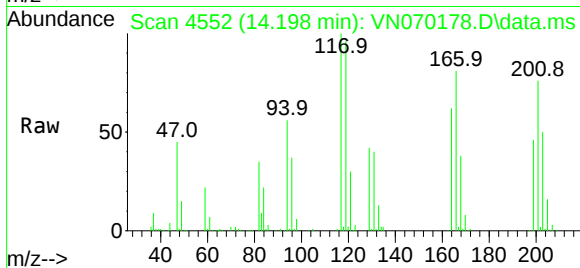
ClientSampleId :

Tgt Ion:117 Resp: 122813

Ion Ratio Lower Upper

117 100

201 74.4 43.9 131.6



#91

1,2-Dichlorobenzene

Concen: 739.622 ug/l

RT: 13.975 min Scan# 4469

Delta R.T. -0.013 min

Lab File: VN070178.D

Acq: 17 Dec 2021 21:19

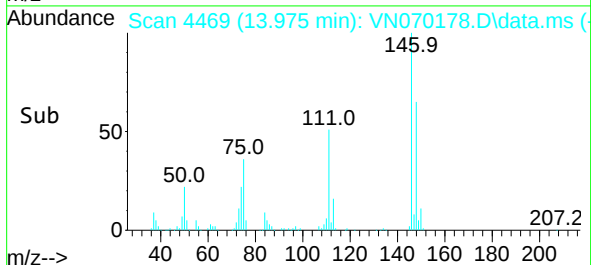
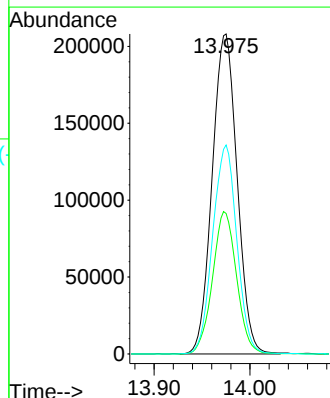
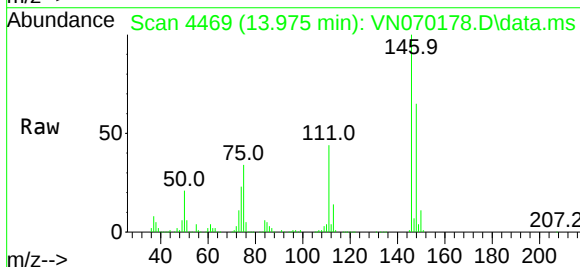
Tgt Ion:146 Resp: 376025

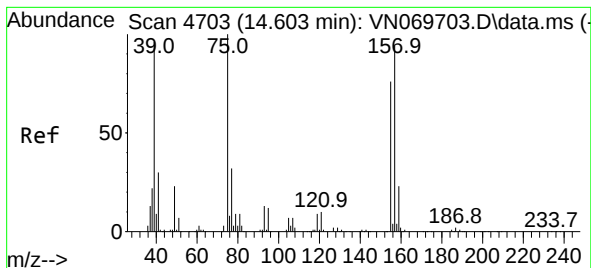
Ion Ratio Lower Upper

146 100

111 43.0 19.1 57.3

148 63.3 32.1 96.3

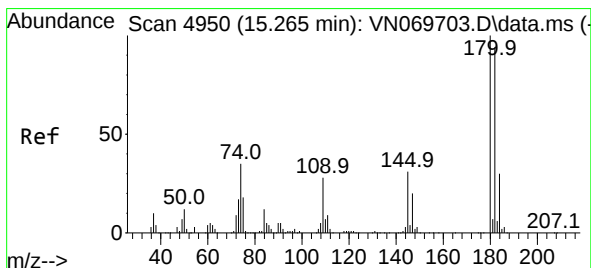
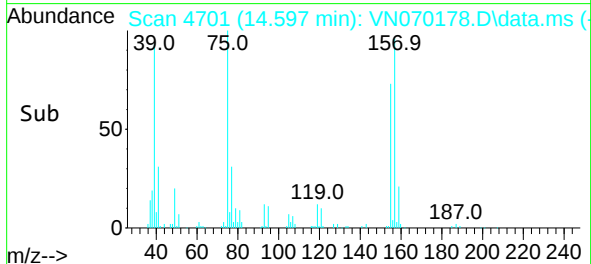
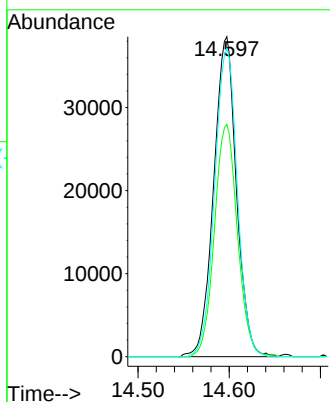
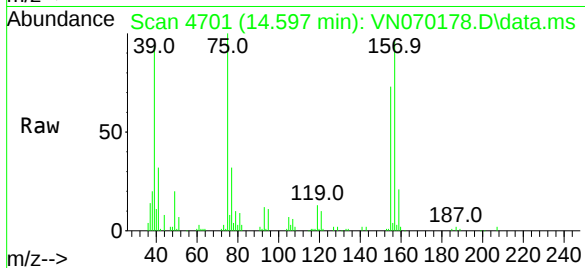




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 793.360 ug/l
 RT: 14.597 min Scan# 41
 Delta R.T. -0.005 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

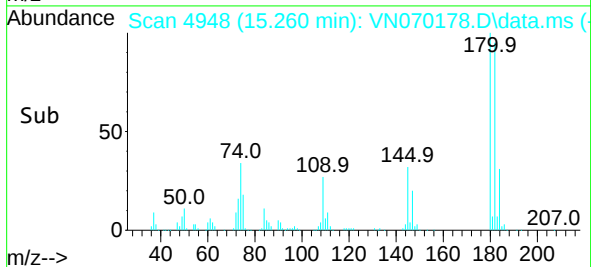
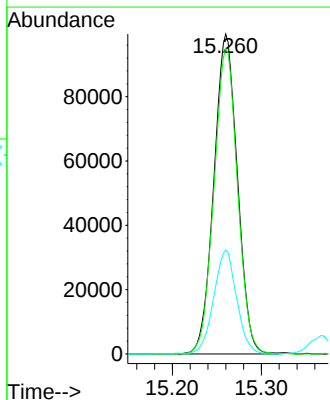
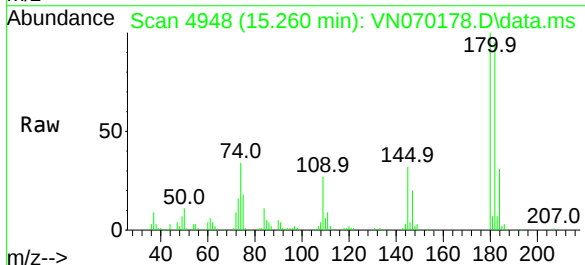
Instrument :
 MSVOA_N
 ClientSampleId :

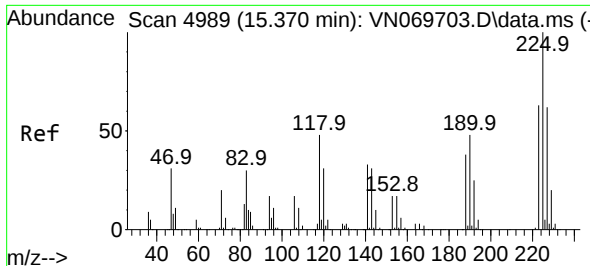
Tgt Ion: 75 Resp: 67034
 Ion Ratio Lower Upper
 75 100
 155 73.1 46.9 140.7
 157 95.7 60.6 181.7



#93
 1,2,4-Trichlorobenzene
 Concen: 693.123 ug/l
 RT: 15.260 min Scan# 4948
 Delta R.T. -0.005 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

Tgt Ion:180 Resp: 182625
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.3 144.9
 145 31.6 14.5 43.5

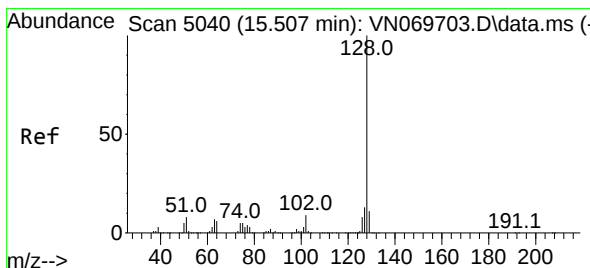
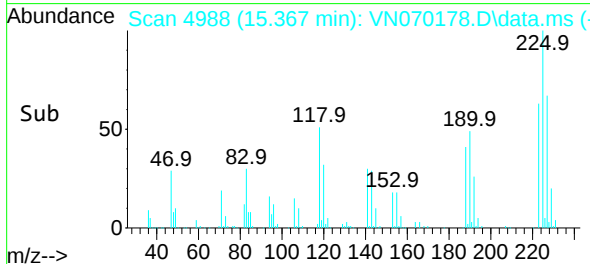
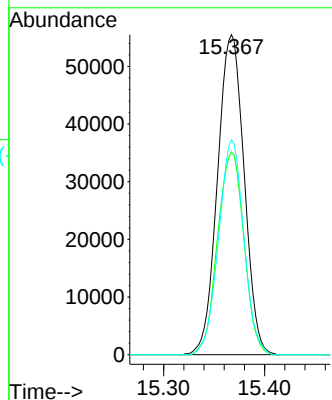
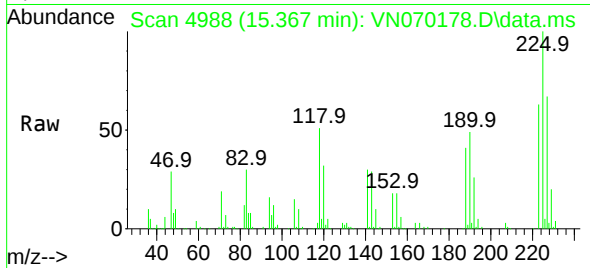




#94
Hexachlorobutadiene
Concen: 753.294 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. -0.003 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

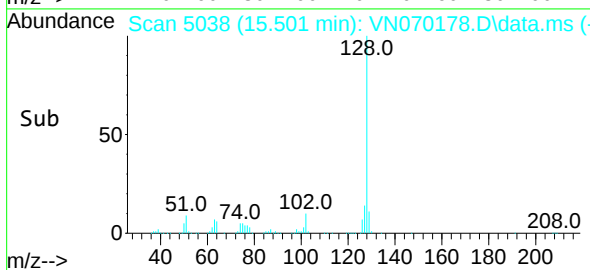
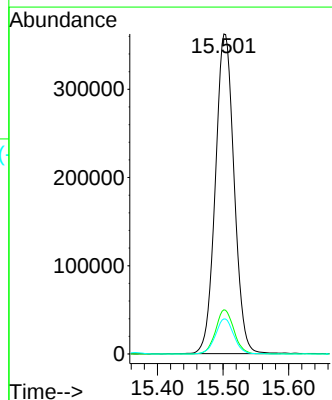
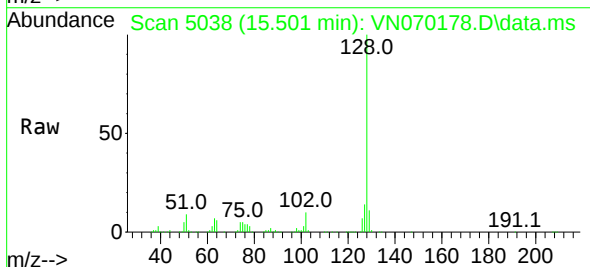
Instrument :
MSVOA_N
ClientSampleId :

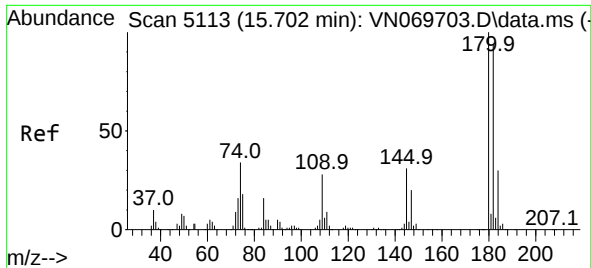
Tgt Ion:225 Resp: 101497
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.7
227 63.6 32.1 96.3



#95
Naphthalene
Concen: 894.816 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.006 min
Lab File: VN070178.D
Acq: 17 Dec 2021 21:19

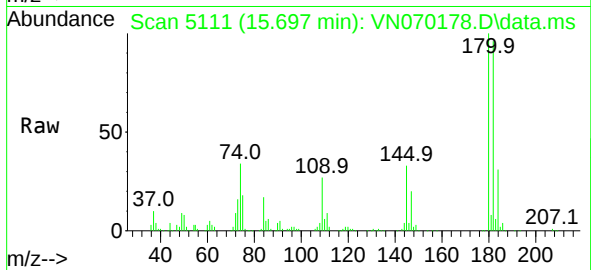
Tgt Ion:128 Resp: 718945
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 756.586 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. -0.005 min
 Lab File: VN070178.D
 Acq: 17 Dec 2021 21:19

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.4	142.2
145	33.4	15.0	45.1

