

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081021\
 Data File : VN068060.D
 Acq On : 10 Aug 2021 15:01
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 11 06:31:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

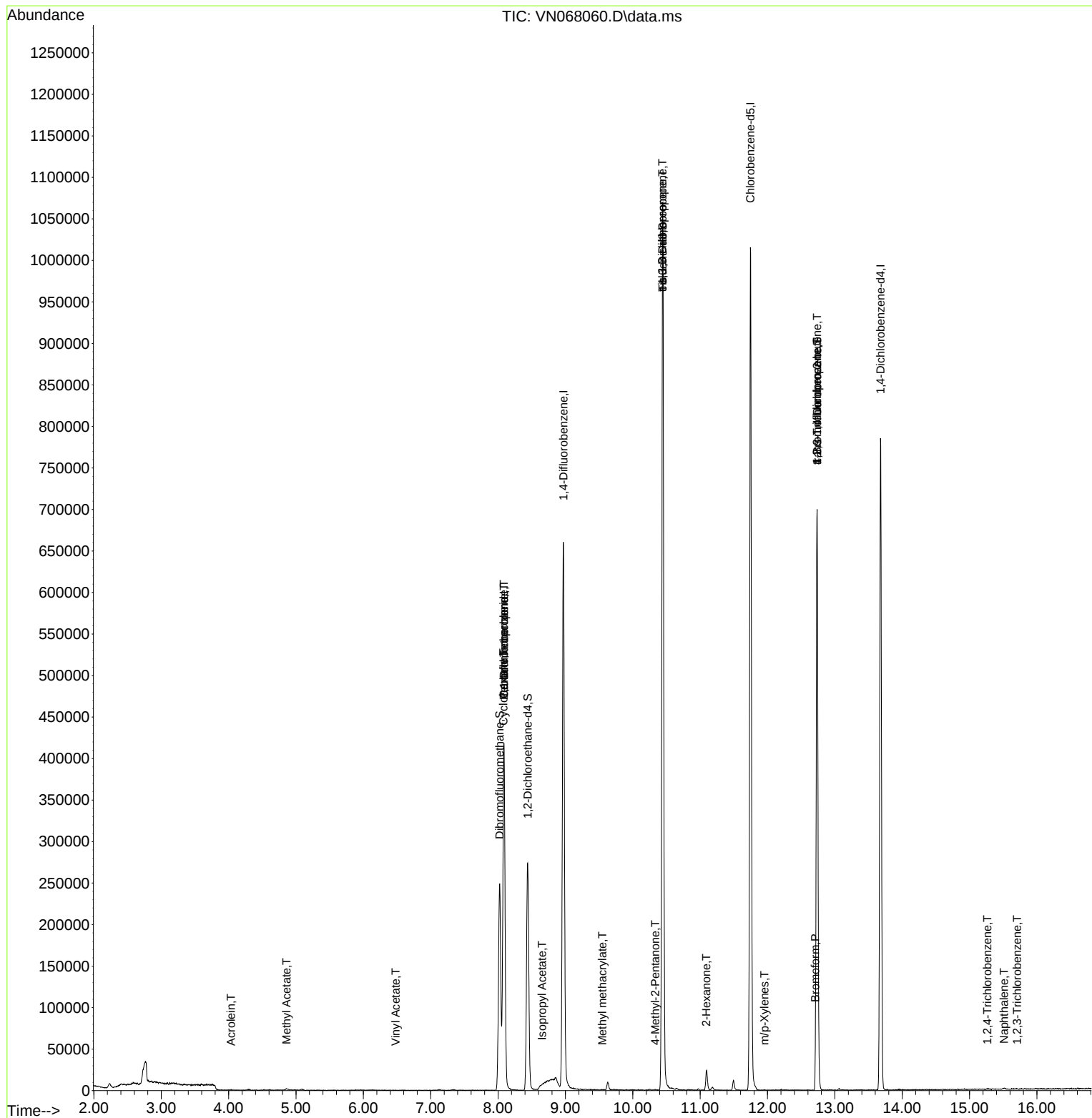
Internal Standards						
1) Pentafluorobenzene	8.088	168	304242	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	582520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	587637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	206379	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	233898	54.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.62%			
35) Dibromofluoromethane	8.024	113	180184	53.08	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.16%			
50) Toluene-d8	10.443	98	743846	47.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.34%			
62) 4-Bromofluorobenzene	12.736	95	250325	44.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.56%			
Target Compounds						Qvalue
13) Acrolein	4.036	56	232	0.59	ug/l	# 83
18) Methyl Acetate	4.859	43	2531	0.57	ug/l	# 83
20) Methylene Chloride	5.074	84	460	Below Cal		# 22
23) Vinyl Acetate	6.482	43	87	8.81	ug/l	# 75
31) Cyclohexane	8.080	56	7633	1.20	ug/l	# 3
36) 1,1-Dichloropropene	8.086	75	27235	5.05	ug/l	# 53
38) Carbon Tetrachloride	8.086	117	32911	6.21	ug/l	# 18
43) Isopropyl Acetate	8.651	43	6848	0.81	ug/l	# 58
48) Methyl methacrylate	9.547	41	52	2.32	ug/l	# 12
51) 4-Methyl-2-Pentanone	10.333	43	379	12.63	ug/l	# 39
53) t-1,3-Dichloropropene	10.440	75	192	2.86	ug/l	# 67
54) cis-1,3-Dichloropropene	10.440	75	192	2.38	ug/l	# 70
59) 2-Hexanone	11.092	43	4686	14.30	ug/l	# 63
68) m/p-Xylenes	11.956	106	54	4.07	ug/l	# 1
71) Bromoform	12.709	173	28	4.04	ug/l	# 29
76) 1,2,3-Trichloropropane	12.736	75	139338	33.62	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	139338	90.16	ug/l	# 6
93) 1,2,4-Trichlorobenzene	15.262	180	135	2.51	ug/l	# 73
95) Naphthalene	15.509	128	1813	3.32	ug/l	# 77
96) 1,2,3-Trichlorobenzene	15.705	180	140	2.41	ug/l	# 1

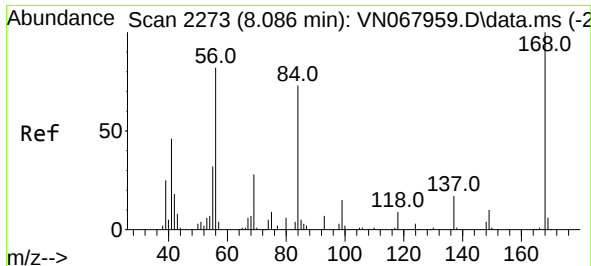
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

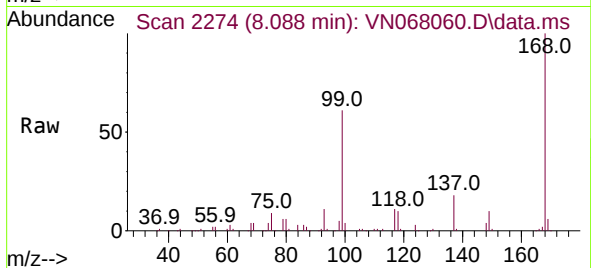
Quant Time: Aug 11 06:31:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 29 15:02:35 2021
Response via : Initial Calibration



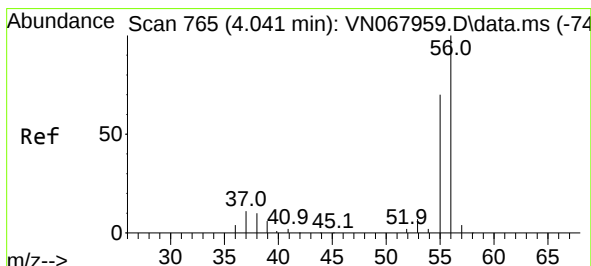
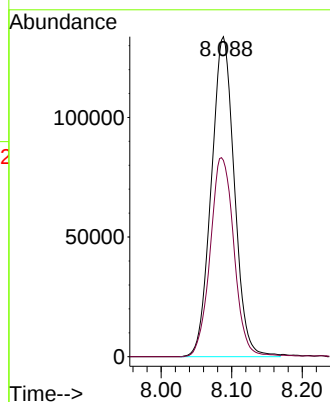
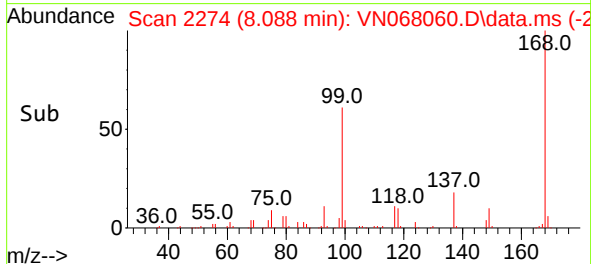


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

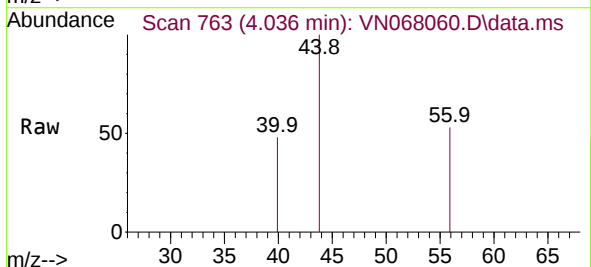
Instrument :
MSVOA_N
ClientSampled :



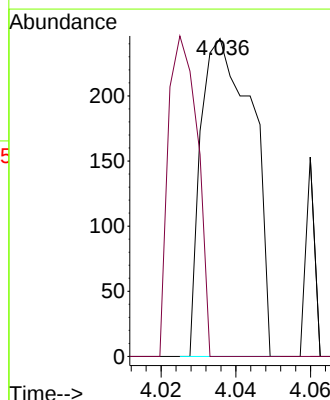
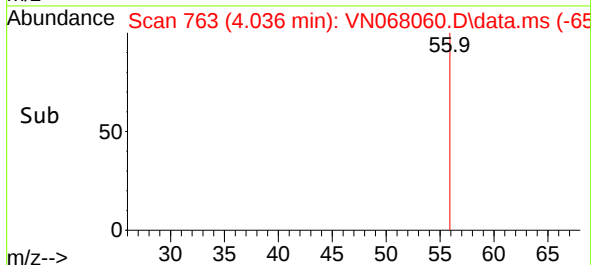
Tgt Ion:168 Resp: 304242
Ion Ratio Lower Upper
168 100
99 61.4 62.9 94.3#

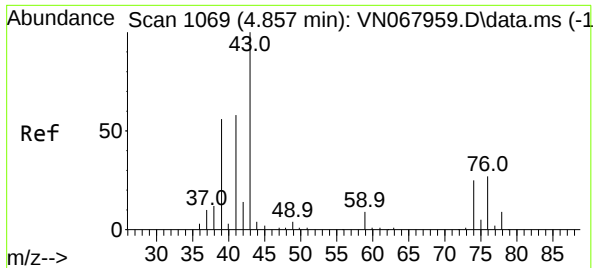


#13
Acrolein
Concen: 0.59 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.005 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01



Tgt Ion: 56 Resp: 232
Ion Ratio Lower Upper
56 100
55 57.3 57.4 86.0#

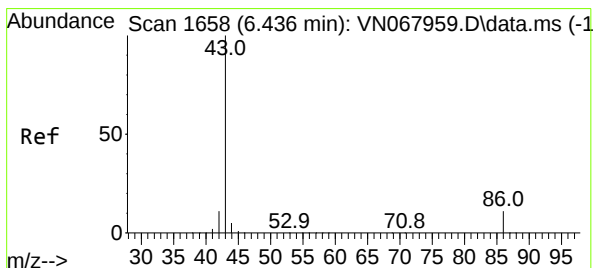
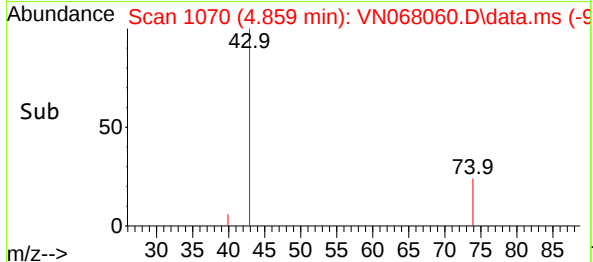
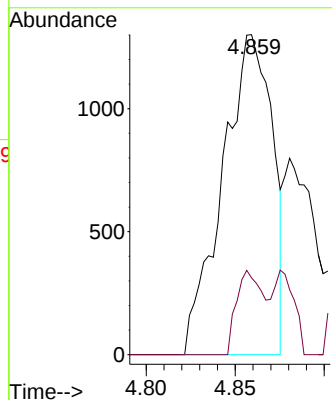
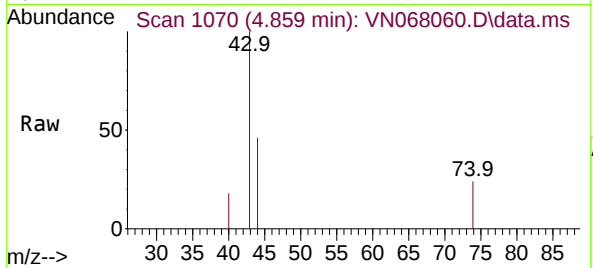




#18
Methyl Acetate
Concen: 0.57 ug/l
RT: 4.859 min Scan# 1070
Delta R.T. 0.002 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

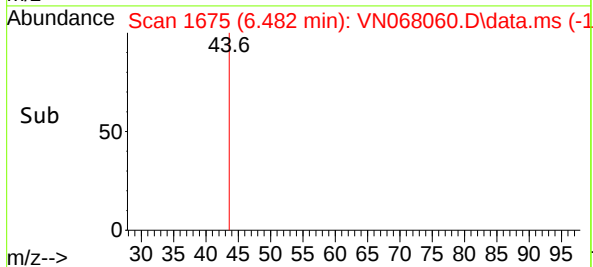
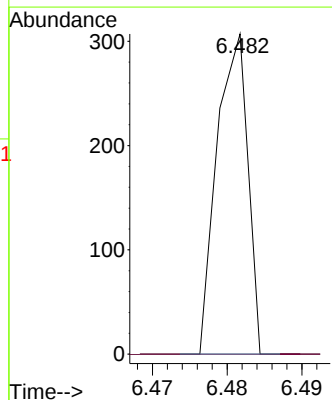
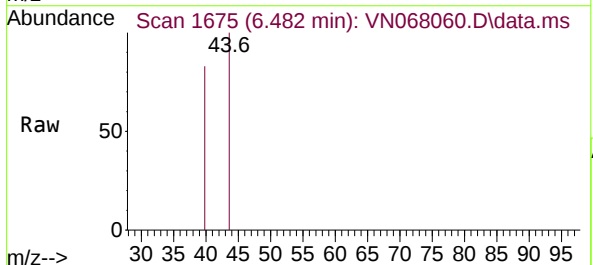
Instrument :
MSVOA_N
ClientSampled :

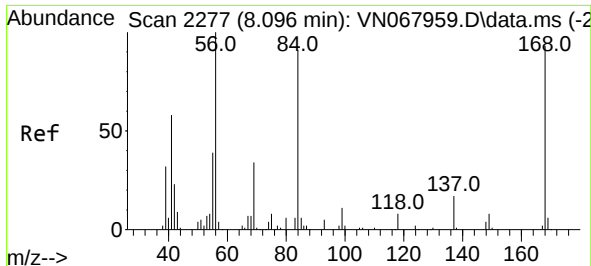
Tgt Ion: 43 Resp: 2531
Ion Ratio Lower Upper
43 100
74 13.5 17.4 26.0#



#23
Vinyl Acetate
Concen: 8.81 ug/l
RT: 6.482 min Scan# 1675
Delta R.T. 0.046 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion: 43 Resp: 87
Ion Ratio Lower Upper
43 100
86 0.0 7.3 10.9#

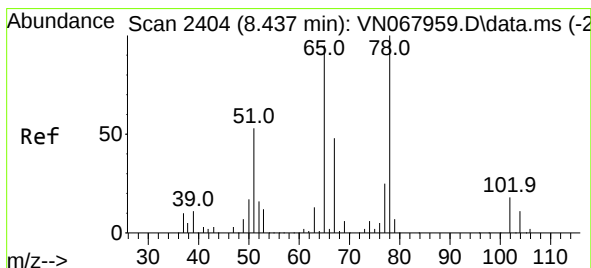
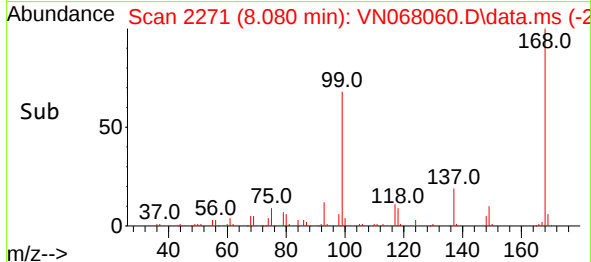
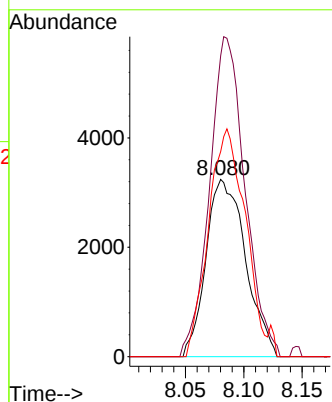
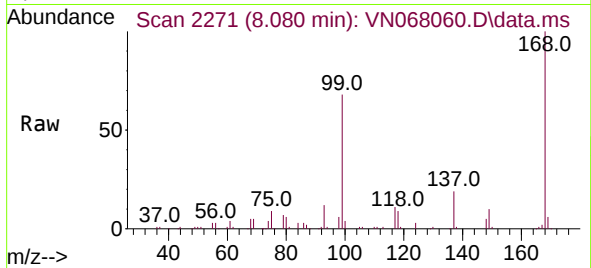




#31
Cyclohexane
Concen: 1.20 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.016 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

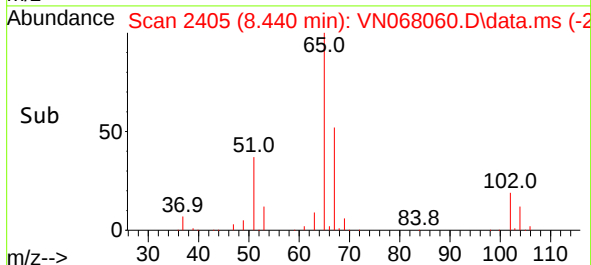
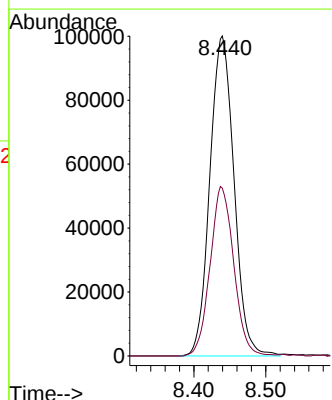
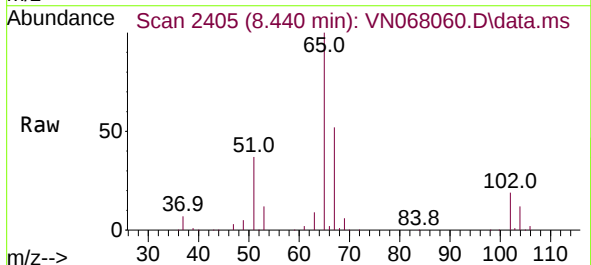
Instrument :
MSVOA_N
ClientSampled :

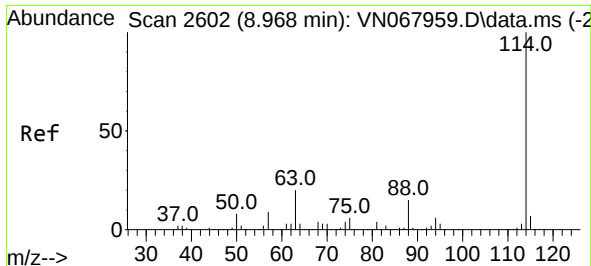
Tgt Ion: 56 Resp: 7633
Ion Ratio Lower Upper
56 100
69 169.8 27.3 40.9#
84 115.7 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 54.31 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion: 65 Resp: 233898
Ion Ratio Lower Upper
65 100
67 51.8 0.0 98.6

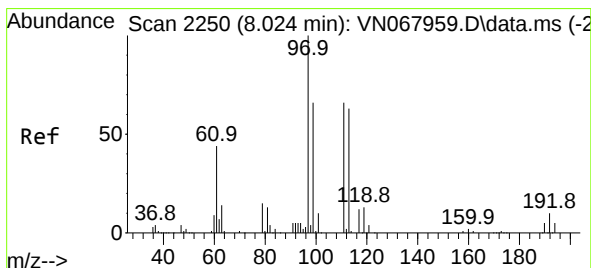
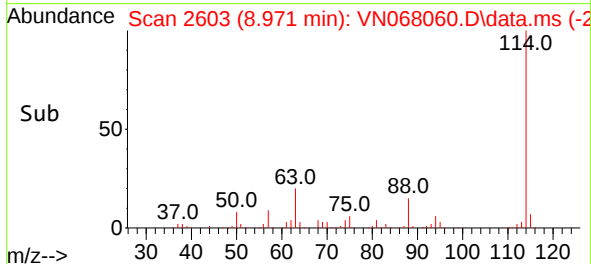
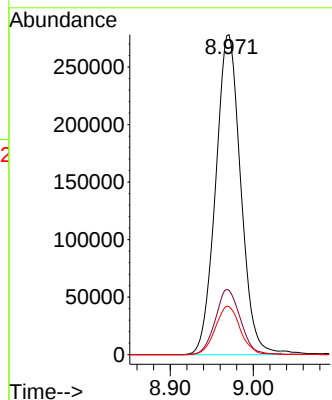
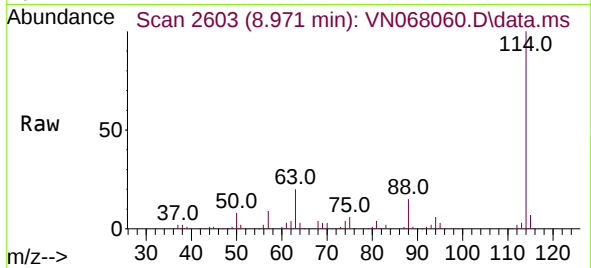




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

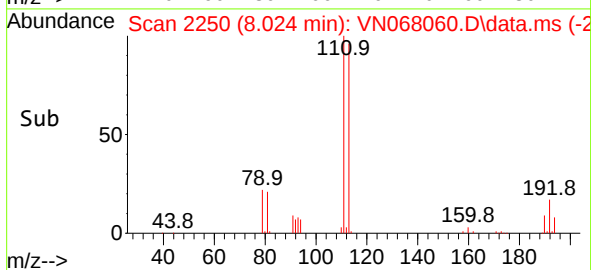
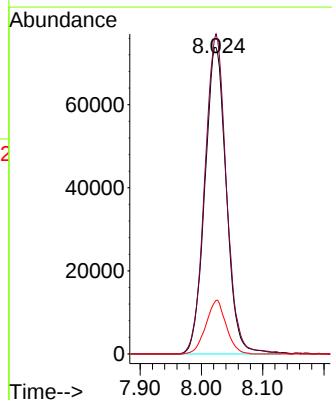
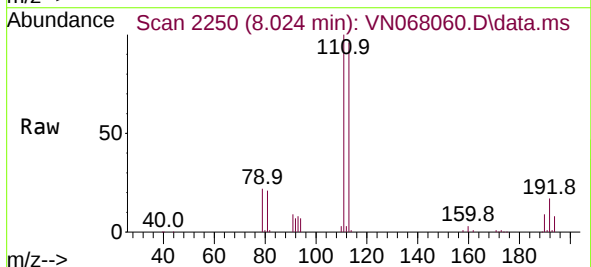
Instrument :
MSVOA_N
ClientSampled :

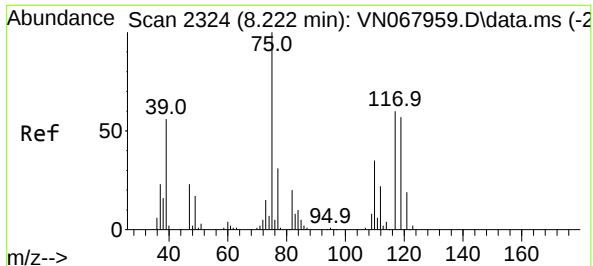
Tgt Ion:114 Resp: 582520
Ion Ratio Lower Upper
114 100
63 20.1 0.0 49.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.08 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion:113 Resp: 180184
Ion Ratio Lower Upper
113 100
111 104.5 83.8 125.8
192 16.5 13.4 20.0





#36

1,1-Dichloropropene

Concen: 5.05 ug/l

RT: 8.086 min Scan# 2273

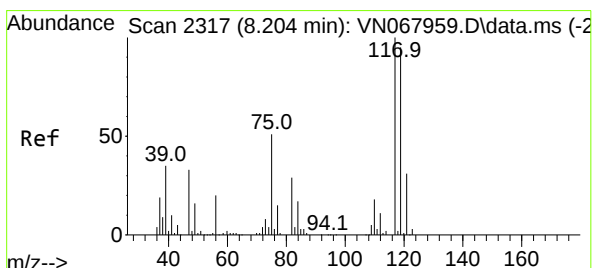
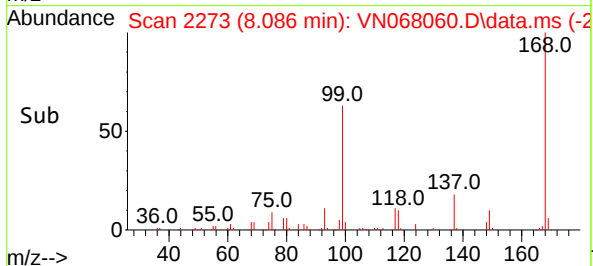
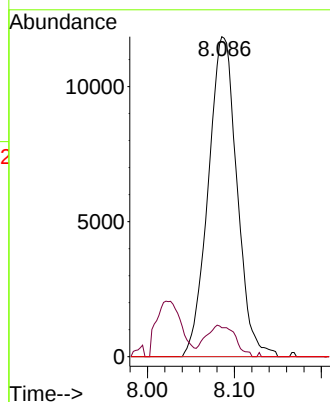
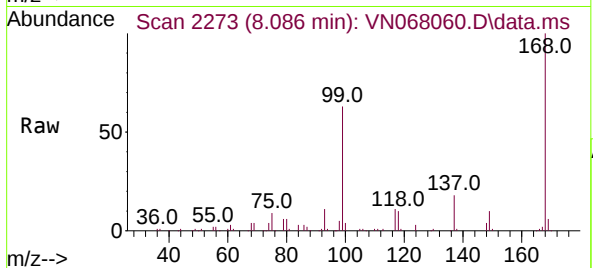
Delta R.T. -0.136 min

Lab File: VN068060.D

Acq: 10 Aug 2021 15:01

Tgt Ion: 75	Resp: 27235
Ion Ratio	Lower Upper
75 100	
110 10.0	15.7 47.0#
77 0.0	24.6 37.0#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.21 ug/l

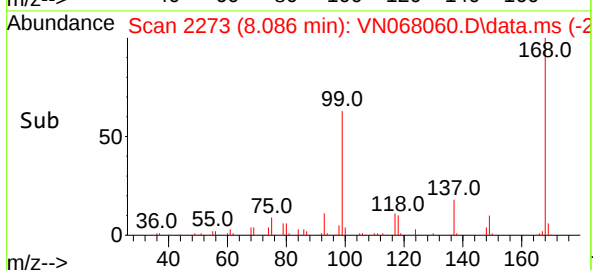
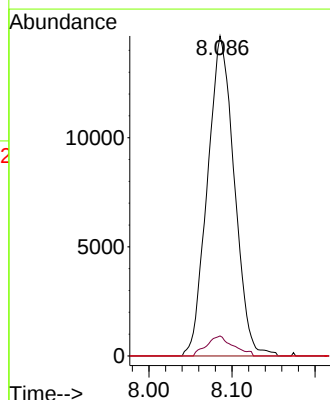
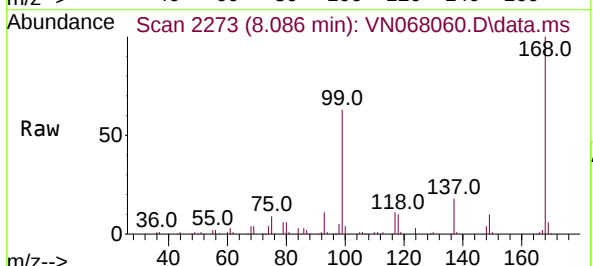
RT: 8.086 min Scan# 2273

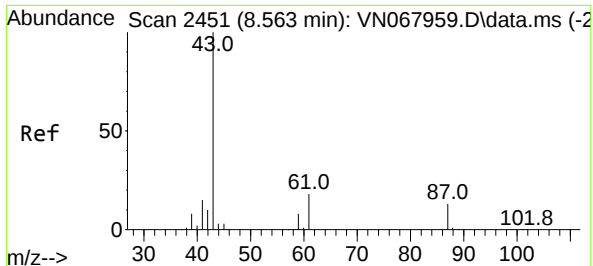
Delta R.T. -0.118 min

Lab File: VN068060.D

Acq: 10 Aug 2021 15:01

Tgt Ion: 117	Resp: 32911
Ion Ratio	Lower Upper
117 100	
119 6.2	75.4 113.2#
121 0.0	23.5 35.3#

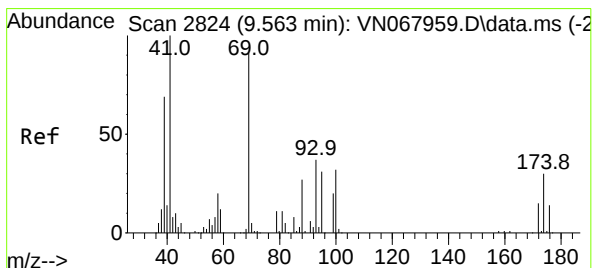
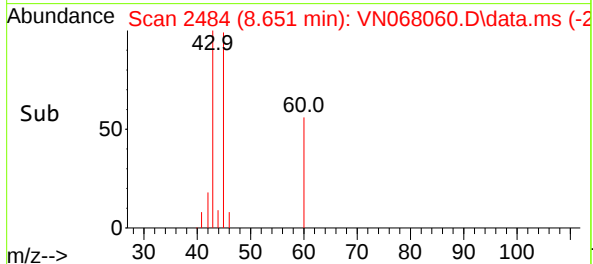
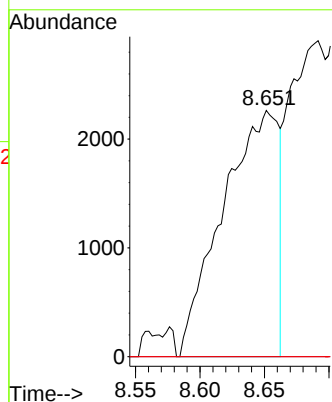
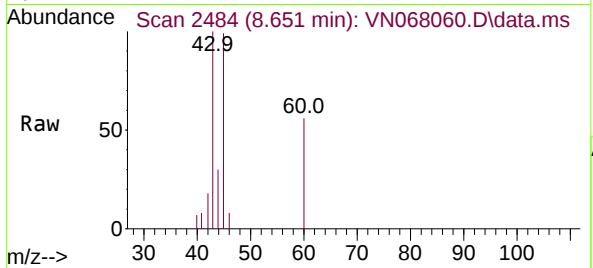




#43
Isopropyl Acetate
Concen: 0.81 ug/l
RT: 8.651 min Scan# 2484
Delta R.T. 0.088 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

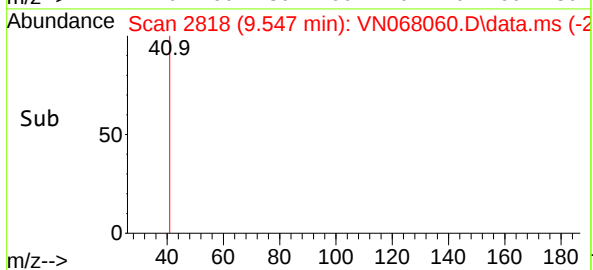
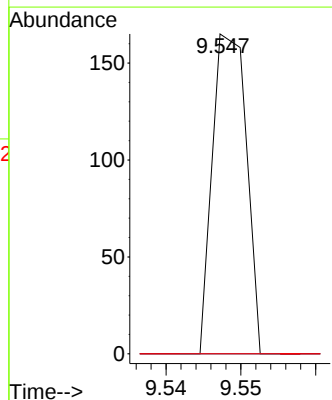
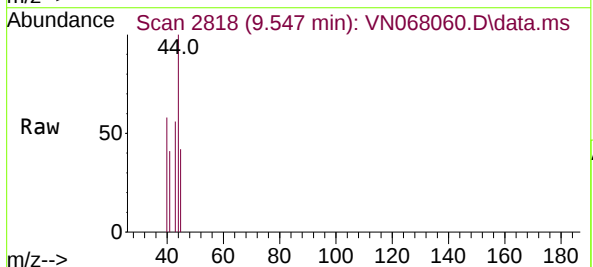
Instrument :
MSVOA_N
ClientSampled :

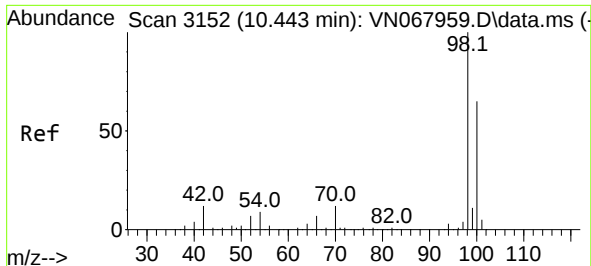
Tgt Ion: 43 Resp: 6848
Ion Ratio Lower Upper
43 100
61 0.0 19.0 28.4#
87 0.0 9.5 14.3#



#48
Methyl methacrylate
Concen: 2.32 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion: 41 Resp: 52
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 0.0 53.3 79.9#

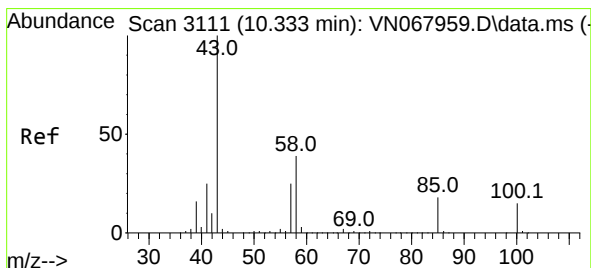
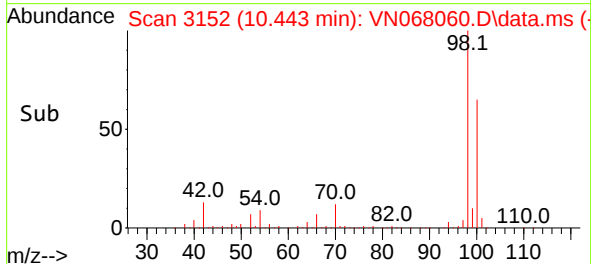
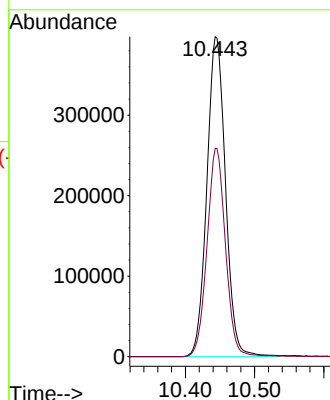
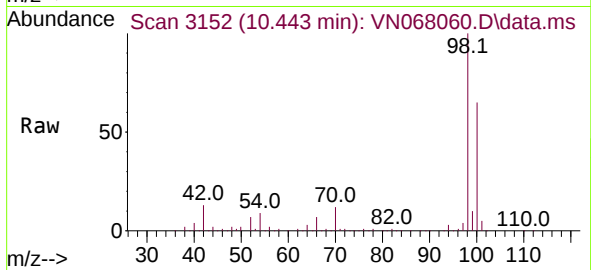




#50
Toluene-d8
Concen: 47.67 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

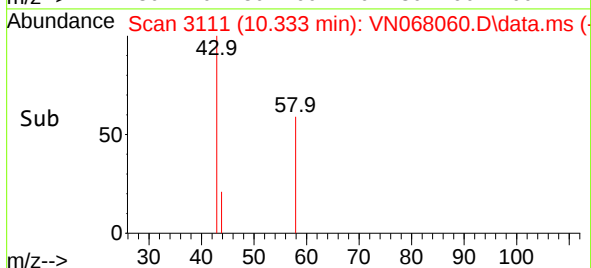
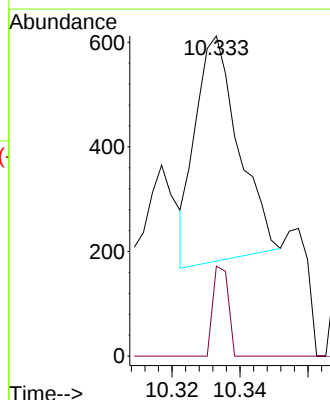
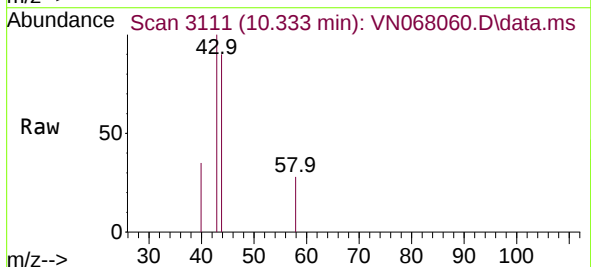
Instrument :
MSVOA_N
ClientSampled :

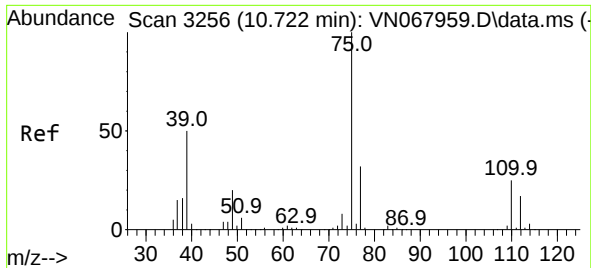
Tgt Ion: 98 Resp: 743846
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 12.63 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#

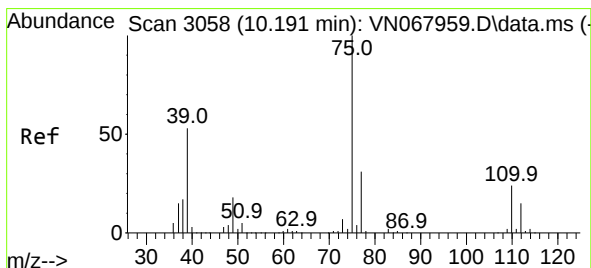
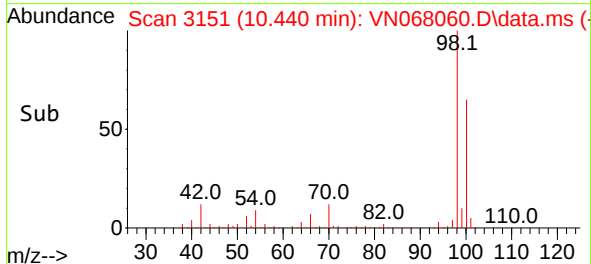
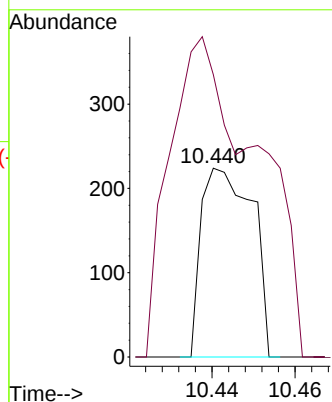
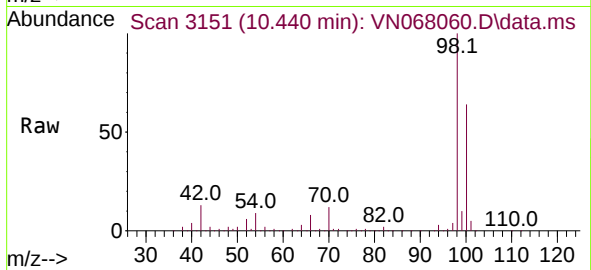




#53
 t-1,3-Dichloropropene
 Concen: 2.86 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. -0.282 min
 Lab File: VN068060.D
 Acq: 10 Aug 2021 15:01

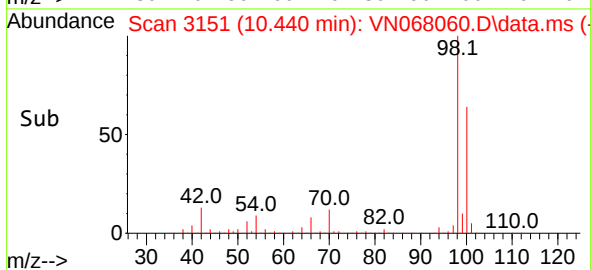
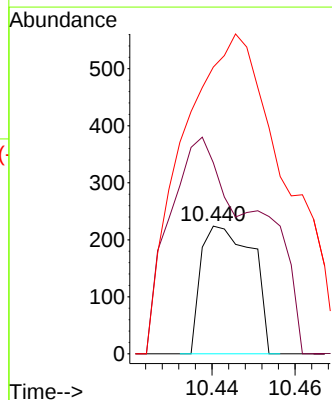
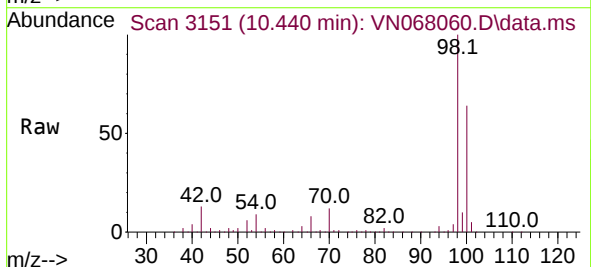
Instrument :
 MSVOA_N
 ClientSampled :

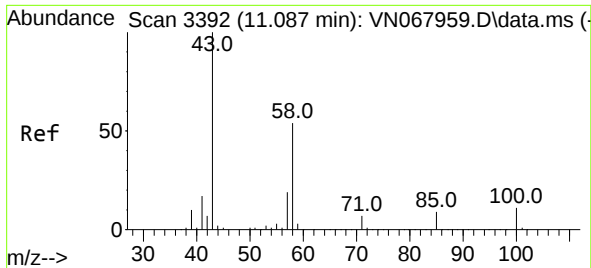
Tgt Ion: 75 Resp: 192
 Ion Ratio Lower Upper
 75 100
 77 49.6 25.1 37.7#



#54
 cis-1,3-Dichloropropene
 Concen: 2.38 ug/l
 RT: 10.440 min Scan# 3151
 Delta R.T. 0.249 min
 Lab File: VN068060.D
 Acq: 10 Aug 2021 15:01

Tgt Ion: 75 Resp: 192
 Ion Ratio Lower Upper
 75 100
 77 49.6 24.6 37.0#
 39 85.7 50.7 76.1#

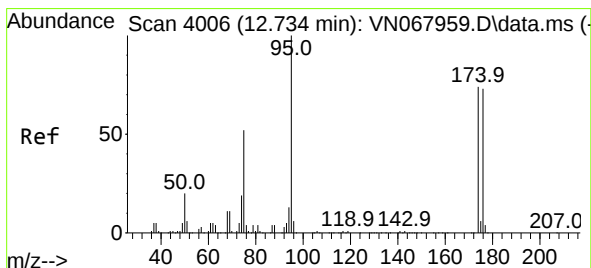
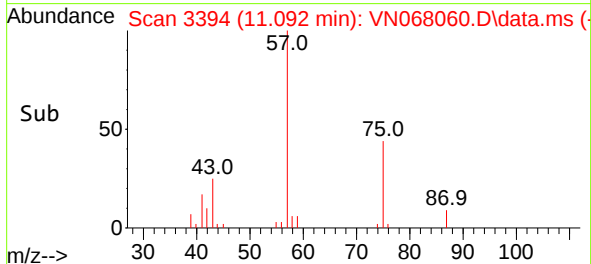
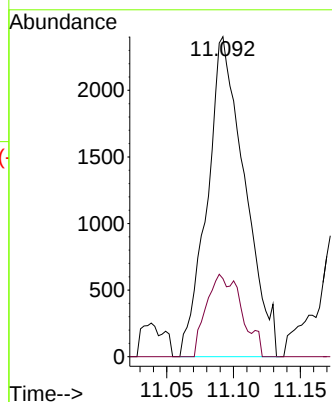
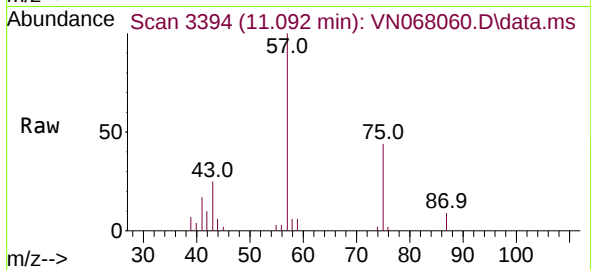




#59
2-Hexanone
Concen: 14.30 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

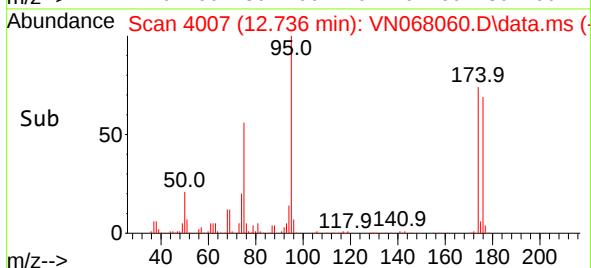
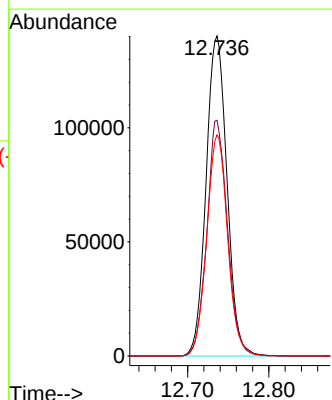
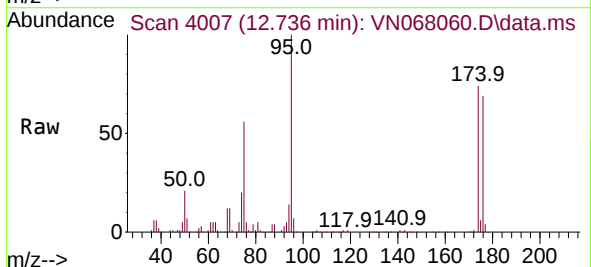
Instrument :
MSVOA_N
ClientSampled :

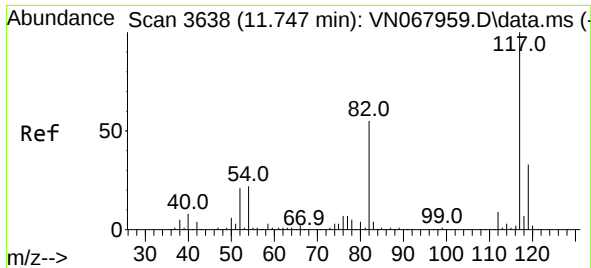
Tgt Ion: 43 Resp: 4686
Ion Ratio Lower Upper
43 100
58 24.2 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 44.28 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion: 95 Resp: 250325
Ion Ratio Lower Upper
95 100
174 72.7 0.0 122.0
176 69.1 0.0 117.6

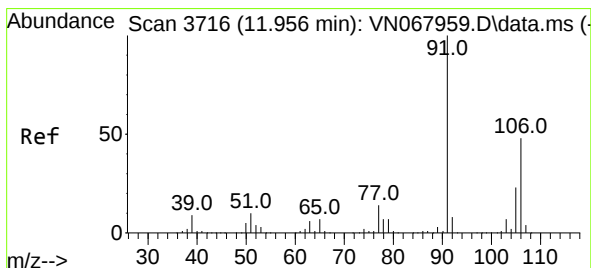
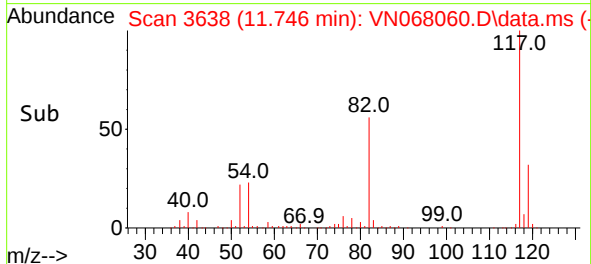
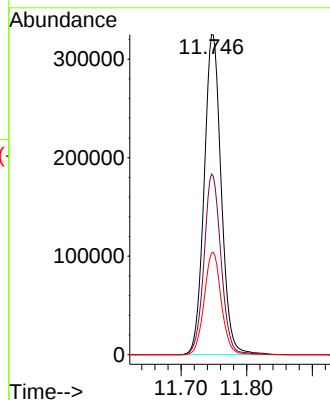
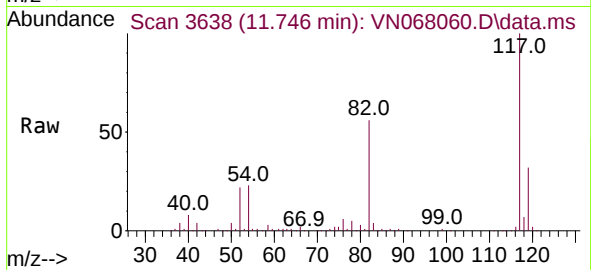




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

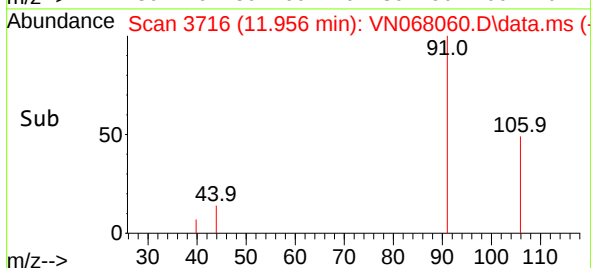
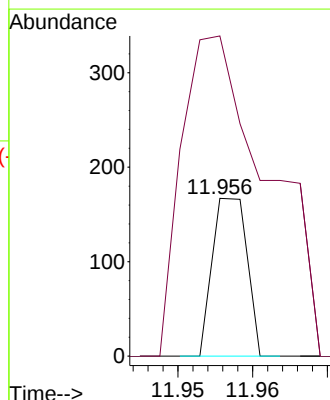
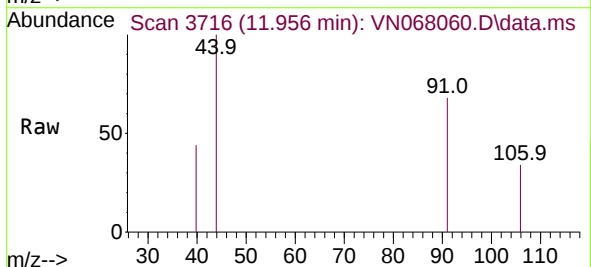
Instrument :
MSVOA_N
ClientSampled :

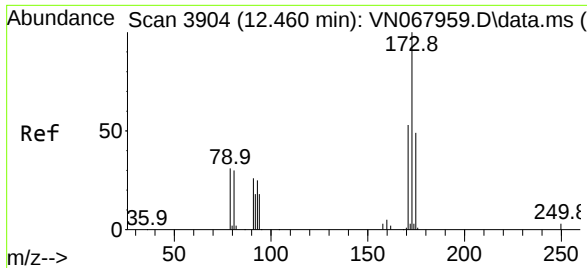
Tgt Ion:117 Resp: 587637
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 4.07 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion:106 Resp: 54
Ion Ratio Lower Upper
106 100
91 505.6 180.6 270.8#

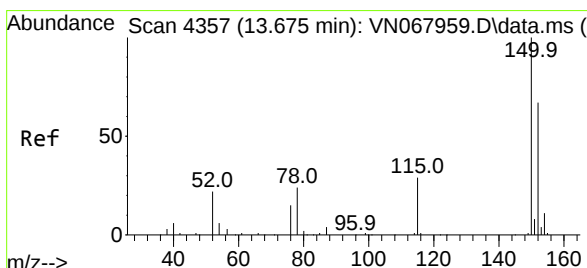
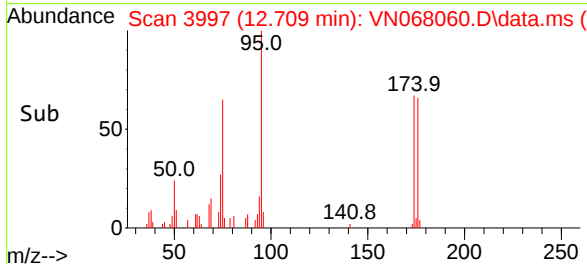
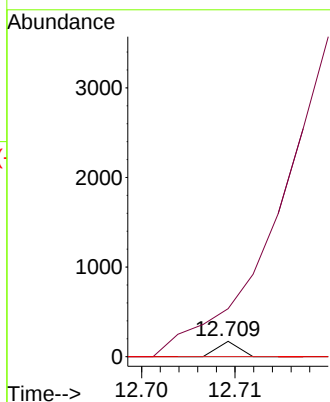
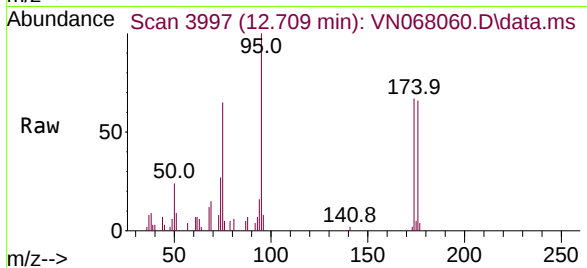




#71
Bromoform
Concen: 4.04 ug/l
RT: 12.709 min Scan# 3997
Delta R.T. 0.249 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

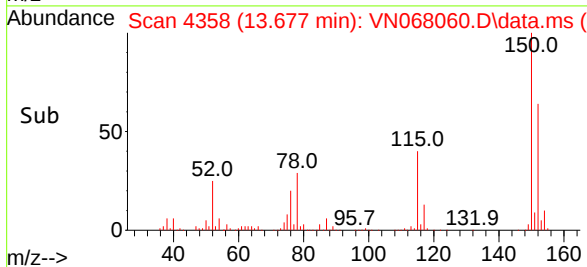
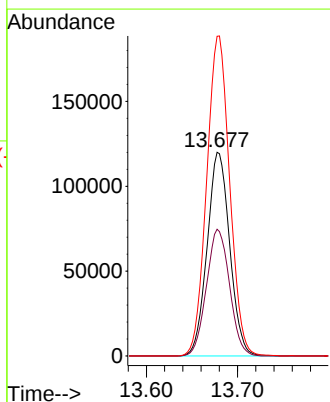
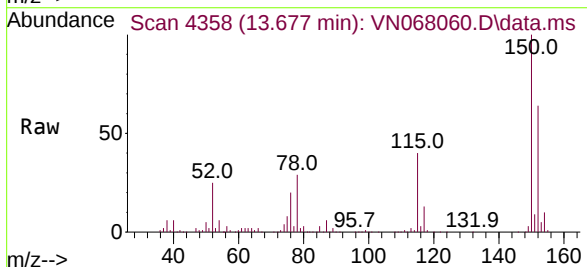
Instrument :
MSVOA_N
ClientSampled :

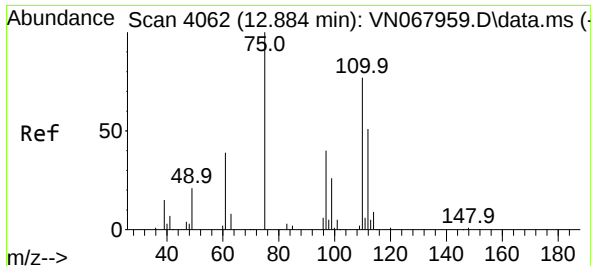
Tgt Ion:173 Resp: 28
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

Tgt Ion:152 Resp: 206379
Ion Ratio Lower Upper
152 100
115 63.6 36.1 108.5
150 160.1 0.0 351.8

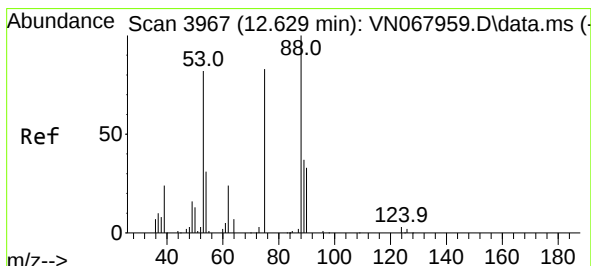
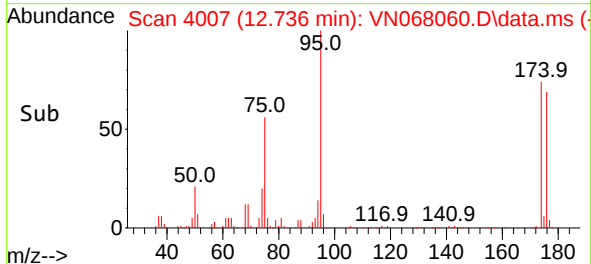
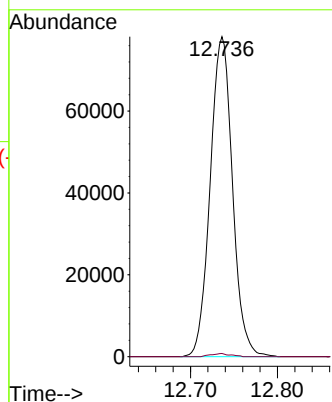
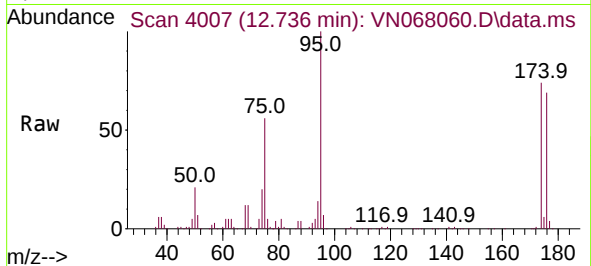




#76
1,2,3-Trichloropropane
Concen: 33.62 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.148 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

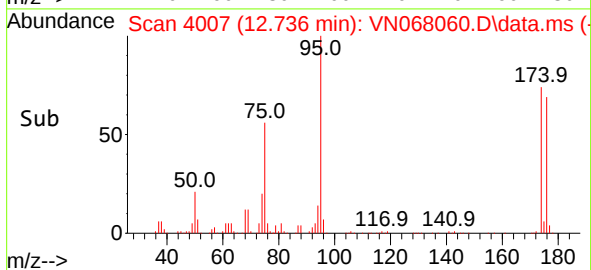
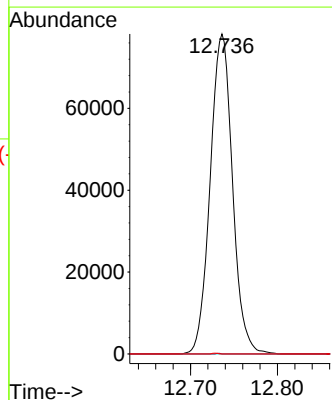
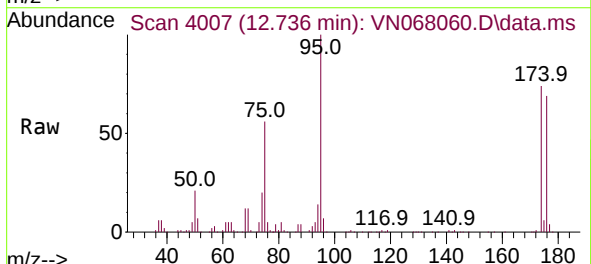
Instrument :
MSVOA_N
ClientSampled :

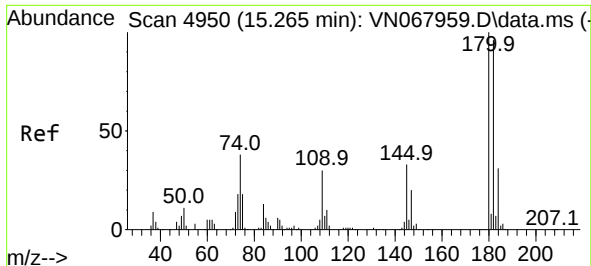
Tgt Ion: 75 Resp: 139338
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 90.16 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

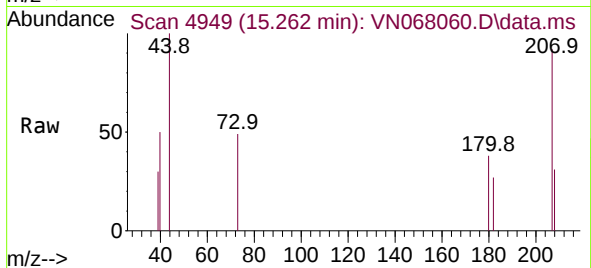
Tgt Ion: 75 Resp: 139338
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.1 37.8 56.8#



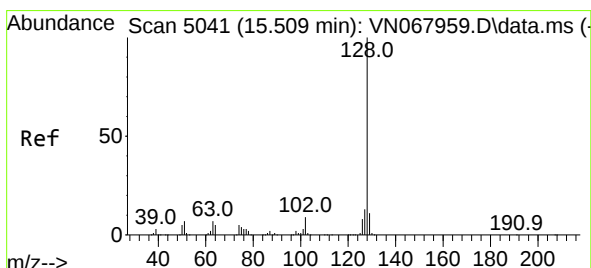
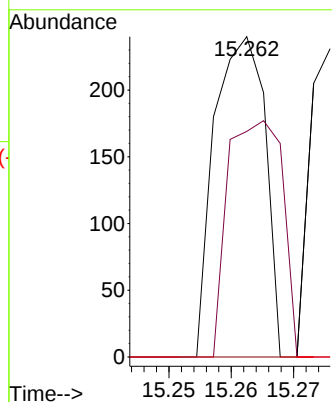
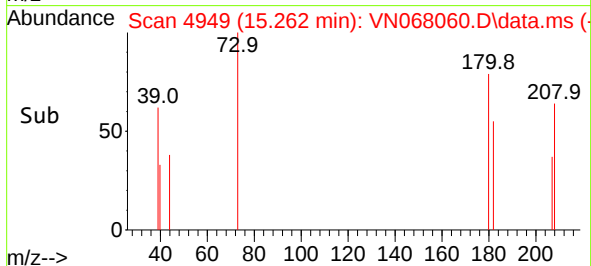


#93
1,2,4-Trichlorobenzene
Concen: 2.51 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01

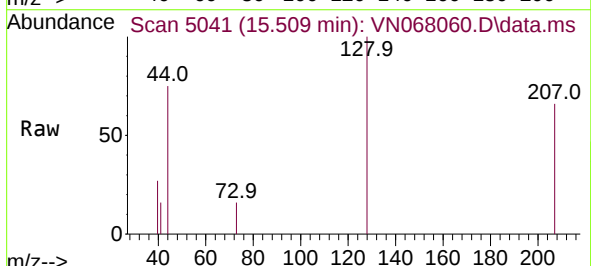
Instrument :
MSVOA_N
ClientSampled :



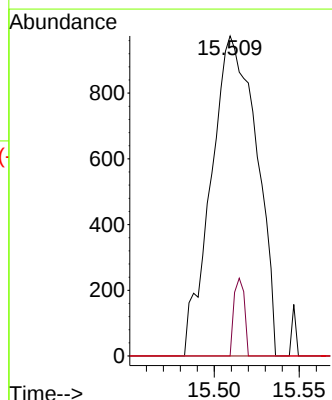
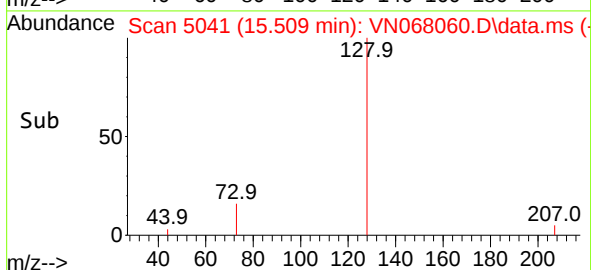
Tgt Ion:180 Resp: 135
Ion Ratio Lower Upper
180 100
182 80.0 47.5 142.5
145 0.0 17.2 51.6#

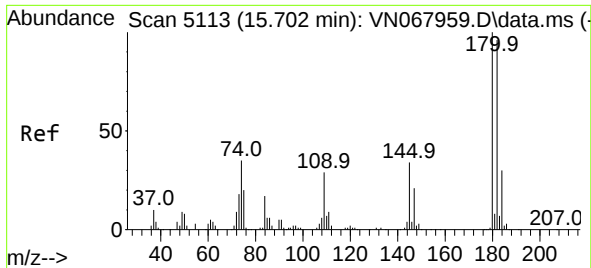


#95
Naphthalene
Concen: 3.32 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN068060.D
Acq: 10 Aug 2021 15:01



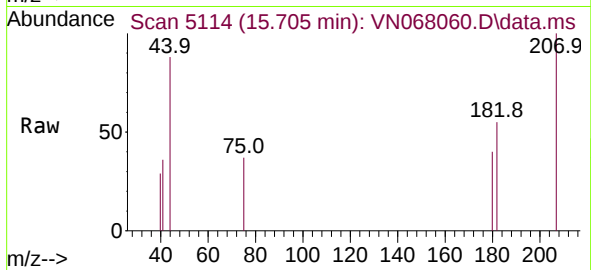
Tgt Ion:128 Resp: 1813
Ion Ratio Lower Upper
128 100
127 5.6 10.6 15.8#
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.41 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN068060.D
 Acq: 10 Aug 2021 15:01

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:180 Resp: 140
 Ion Ratio Lower Upper
 180 100
 182 216.4 47.8 143.3#
 145 0.0 18.2 54.6#

