

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081221\
 Data File : VN068097.D
 Acq On : 12 Aug 2021 18:18
 Operator : JC/MD
 Sample : M3361-11 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 13 05:45:39 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)

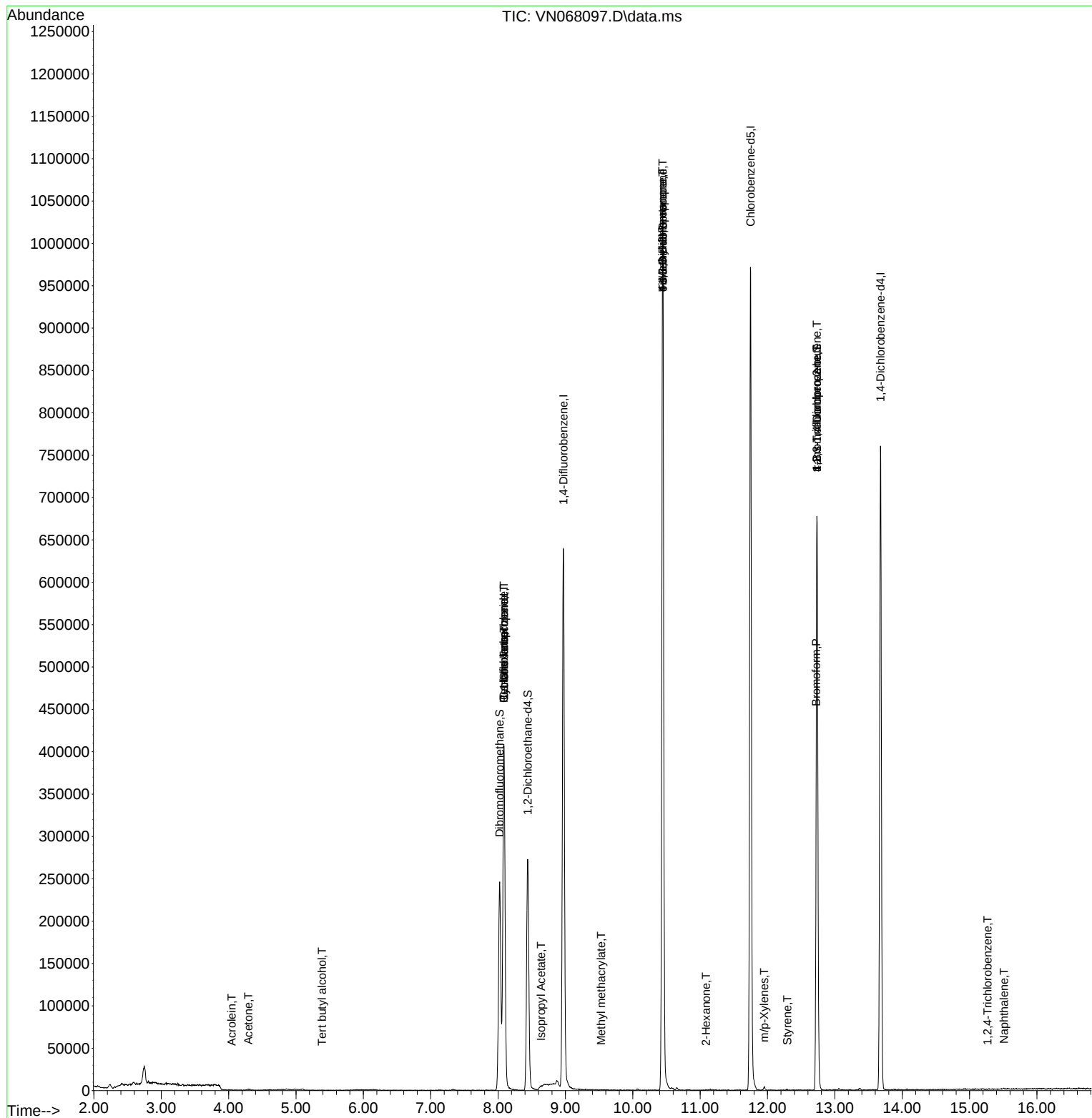
Internal Standards						
1) Pentafluorobenzene	8.088	168	297911	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	577650	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	570171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	200871	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	230631	54.685	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	109.380%
35) Dibromofluoromethane	8.024	113	174900	51.954	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.900%
50) Toluene-d8	10.446	98	740303	47.831	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.733	95	243992	43.611	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.220%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.385	59	120	0.212	ug/l #	71
13) Acrolein	4.044	56	108	0.282	ug/l	97
16) Acetone	4.293	43	985	0.640	ug/l	96
20) Methylene Chloride	5.090	84	515	Below Cal	#	57
31) Cyclohexane	8.088	56	7639	1.228	ug/l #	13
36) 1,1-Dichloropropene	8.086	75	26073	4.880	ug/l #	48
38) Carbon Tetrachloride	8.086	117	33217	6.321	ug/l #	16
43) Isopropyl Acetate	8.641	43	3550	0.424	ug/l #	58
48) Methyl methacrylate	9.531	41	93	2.326	ug/l #	12
51) 4-Methyl-2-Pentanone	10.440	43	3716	13.145	ug/l #	1
53) t-1,3-Dichloropropene	10.443	75	111	2.848	ug/l #	71
54) cis-1,3-Dichloropropene	10.443	75	111	2.370	ug/l #	50
59) 2-Hexanone	11.087	43	337	13.362	ug/l #	28
68) m/p-Xylenes	11.953	106	1378	4.209	ug/l	79
70) Styrene	12.296	104	149	2.641	ug/l #	58
71) Bromoform	12.723	173	525	4.163	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	132920	32.949	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	132920	88.436	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.268	180	26	2.475	ug/l #	12
95) Naphthalene	15.512	128	1056	3.238	ug/l #	69

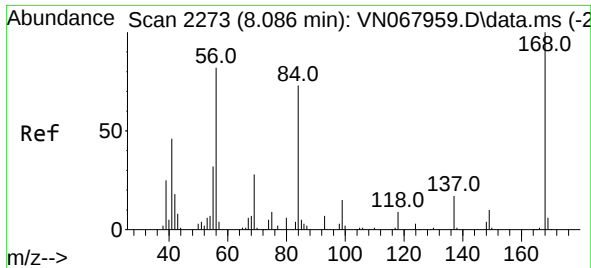
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 05:45:39 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

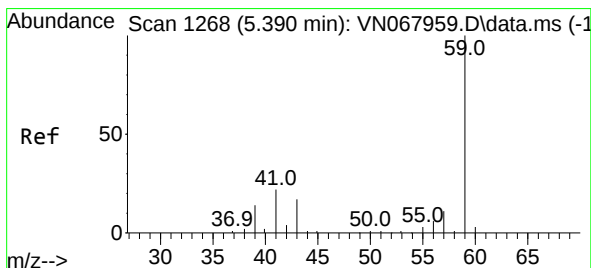
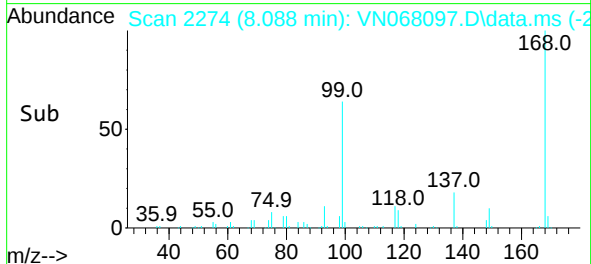
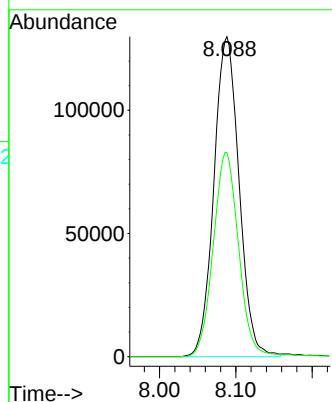
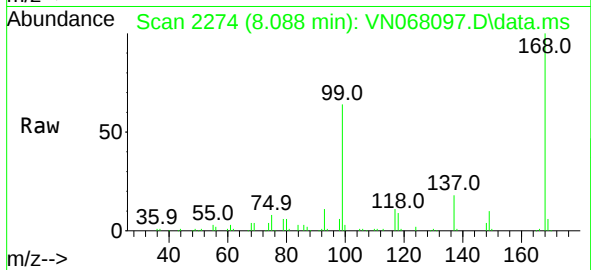




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

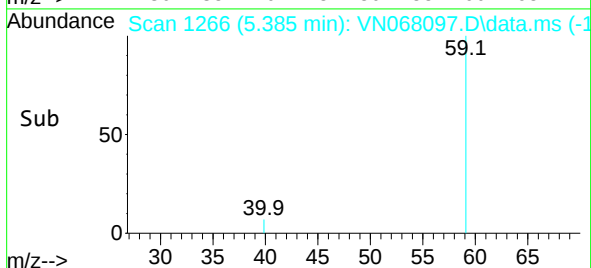
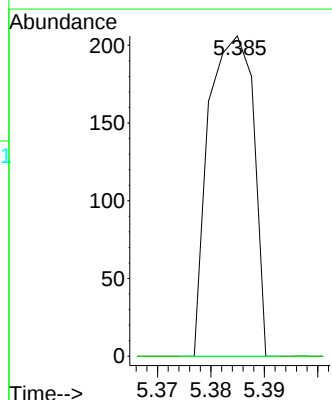
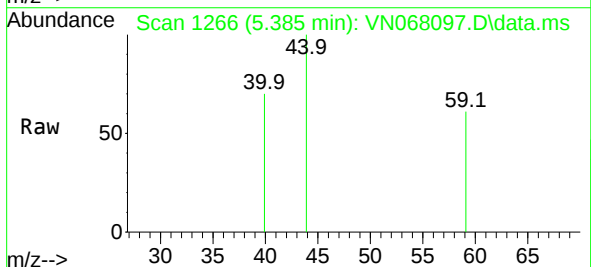
Instrument :
MSVOA_N
ClientSampled :

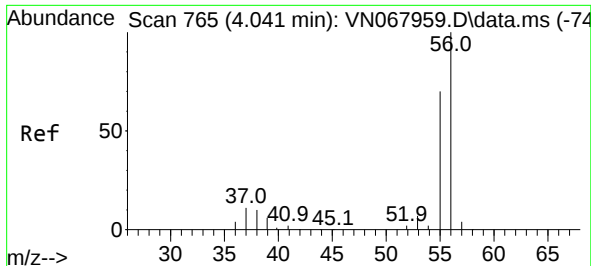
Tgt Ion:168 Resp: 297911
Ion Ratio Lower Upper
168 100
99 63.8 62.9 94.3



#11
Tert butyl alcohol
Concen: 0.212 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 59 Resp: 120
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

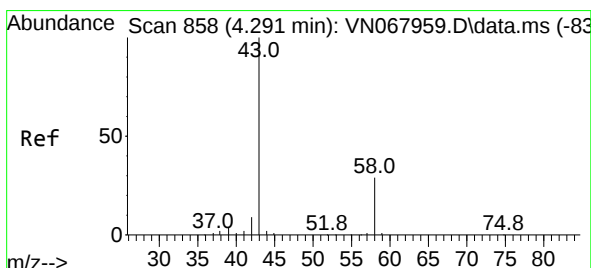
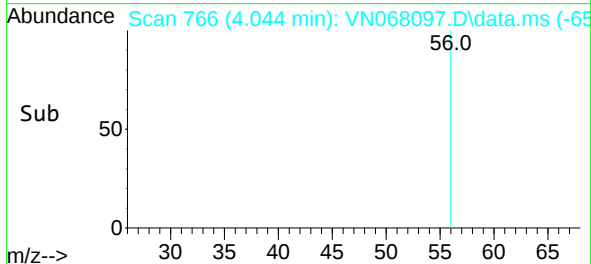
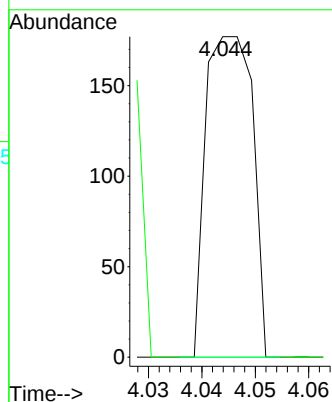
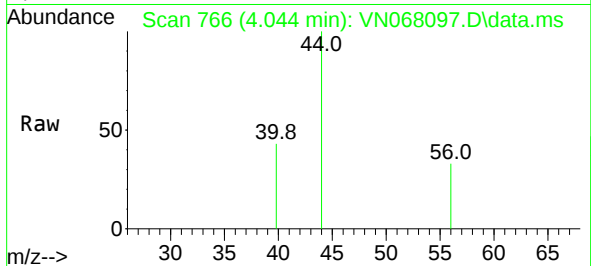




#13
Acrolein
Concen: 0.282 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

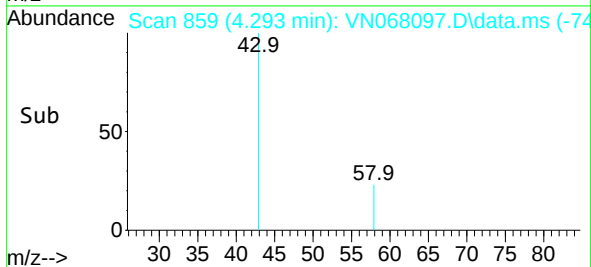
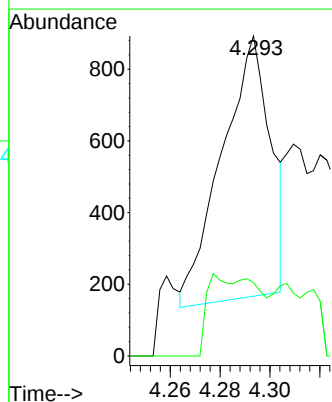
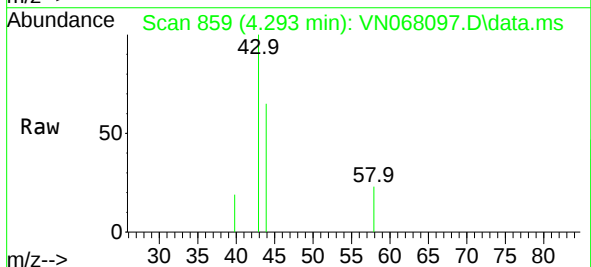
Instrument :
MSVOA_N
ClientSampled :

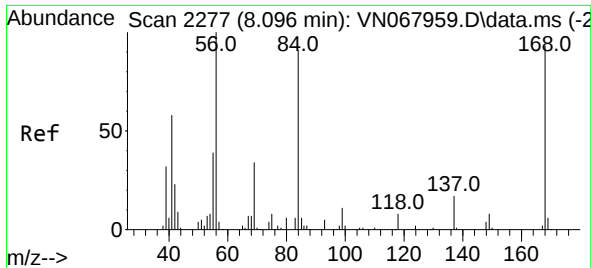
Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 74.1 57.4 86.0



#16
Acetone
Concen: 0.640 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.002 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 43 Resp: 985
Ion Ratio Lower Upper
43 100
58 28.7 21.2 31.8

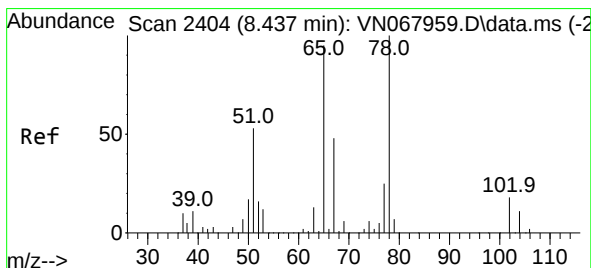
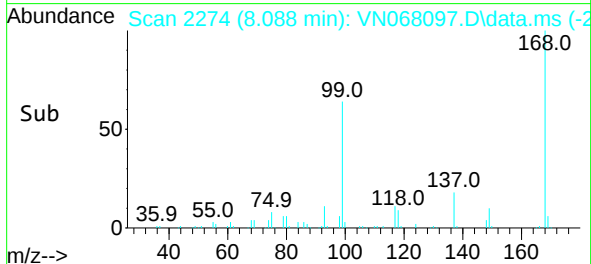
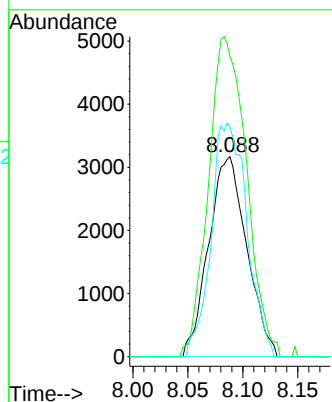
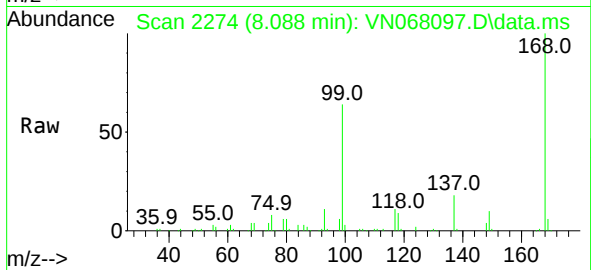




#31
Cyclohexane
Concen: 1.228 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

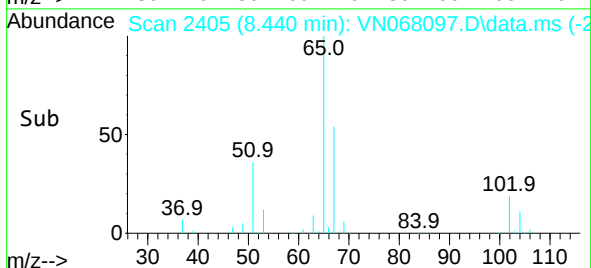
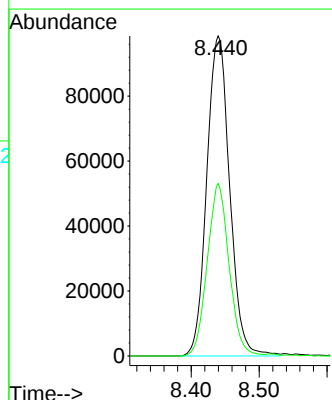
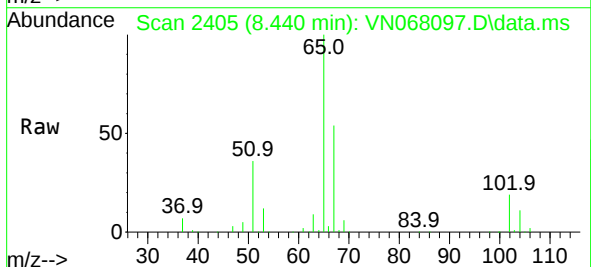
Instrument :
MSVOA_N
ClientSampled :

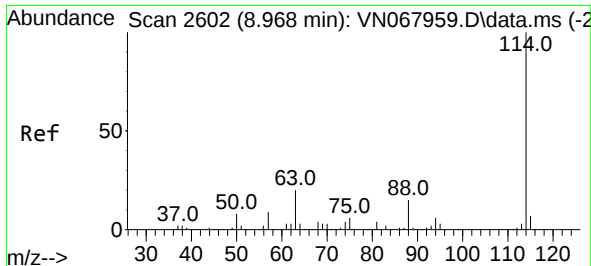
Tgt Ion: 56 Resp: 7639
Ion Ratio Lower Upper
56 100
69 150.0 27.3 40.9#
84 114.8 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 54.685 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 65 Resp: 230631
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6

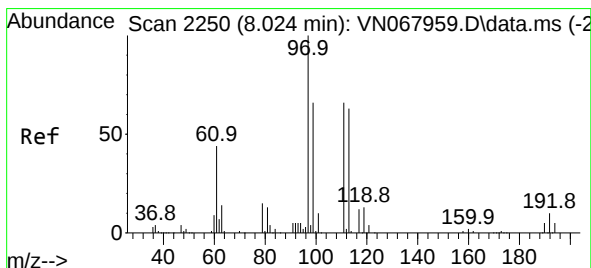
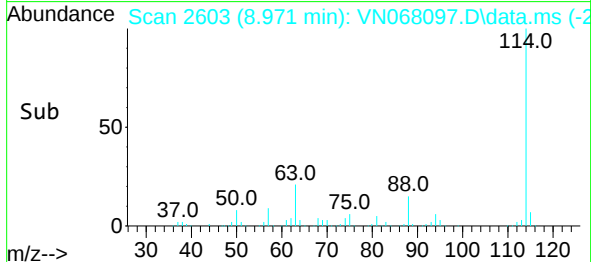
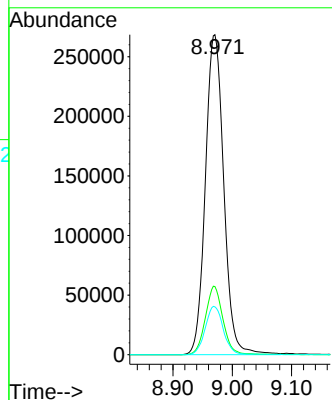
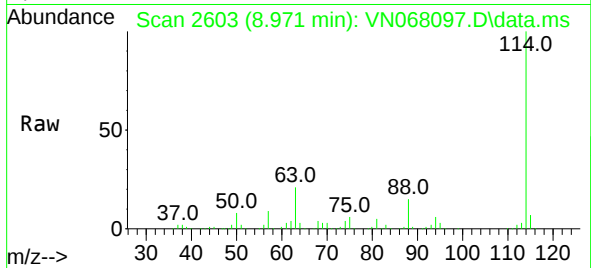




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

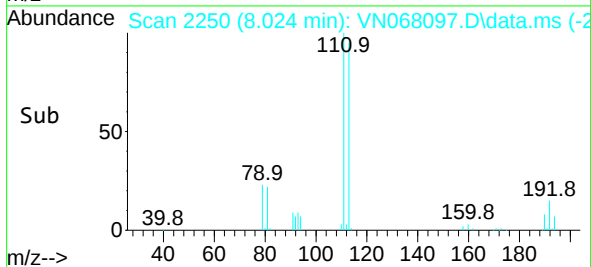
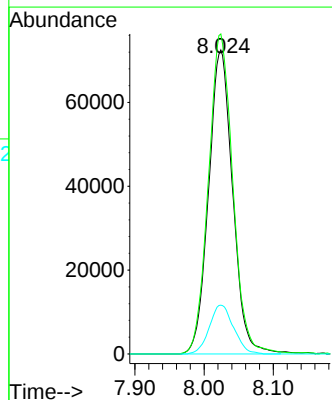
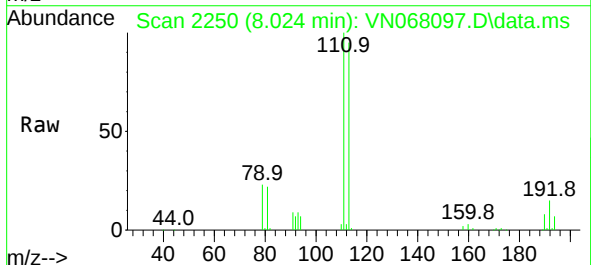
Instrument :
MSVOA_N
ClientSampled :

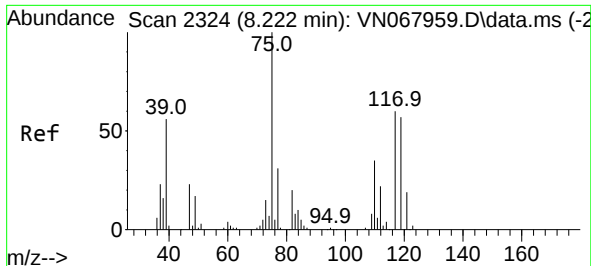
Tgt Ion:114 Resp: 577650
Ion Ratio Lower Upper
114 100
63 21.3 0.0 49.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.954 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion:113 Resp: 174900
Ion Ratio Lower Upper
113 100
111 107.0 83.8 125.8
192 16.2 13.4 20.0

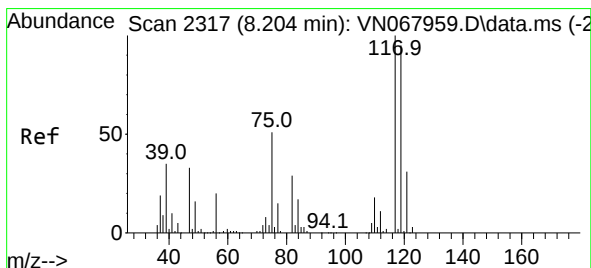
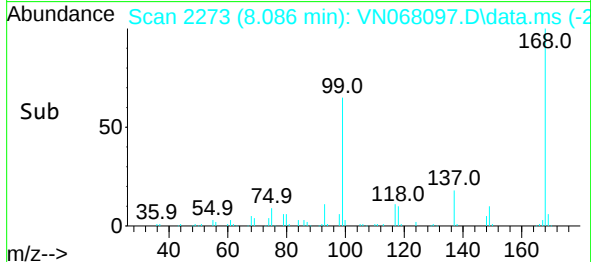
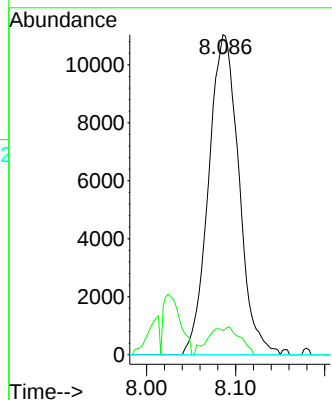
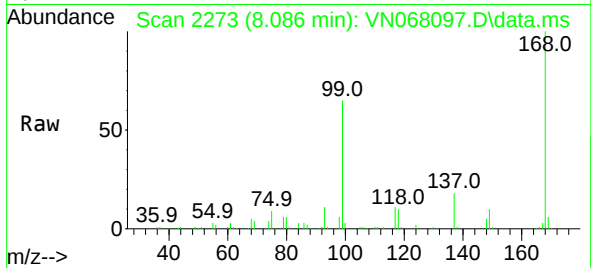




#36
 1,1-Dichloropropene
 Concen: 4.880 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.136 min
 Lab File: VN068097.D
 Acq: 12 Aug 2021 18:18

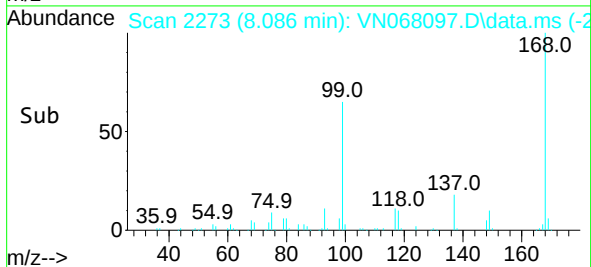
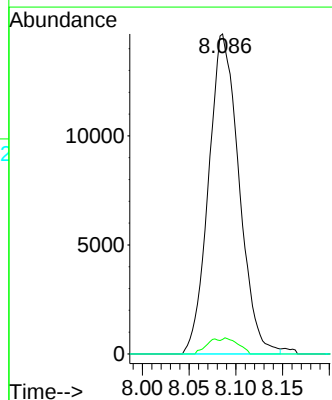
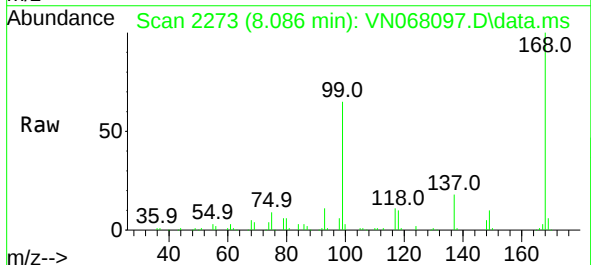
Instrument :
 MSVOA_N
 ClientSampled :

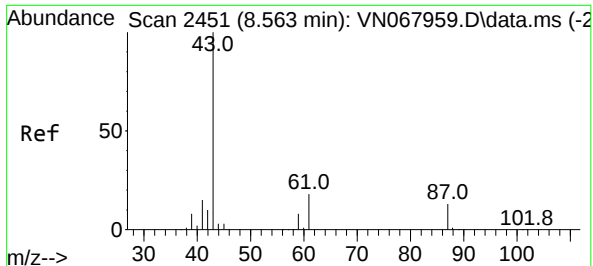
Tgt Ion: 75 Resp: 26073
 Ion Ratio Lower Upper
 75 100
 110 4.6 15.7 47.0#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 6.321 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.118 min
 Lab File: VN068097.D
 Acq: 12 Aug 2021 18:18

Tgt Ion: 117 Resp: 33217
 Ion Ratio Lower Upper
 117 100
 119 4.6 75.4 113.2#
 121 0.0 23.5 35.3#

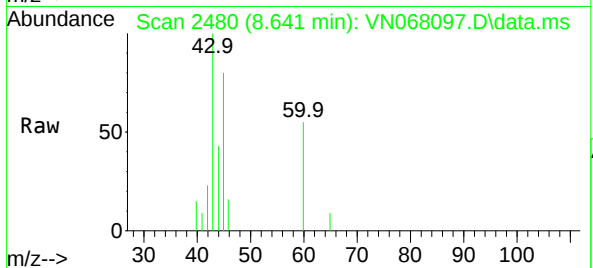




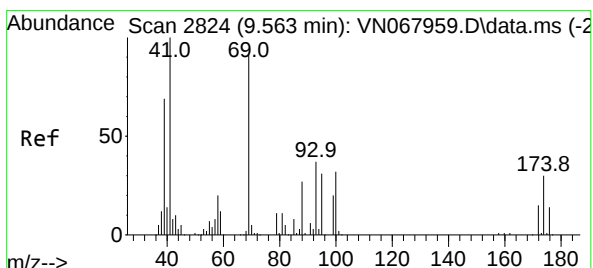
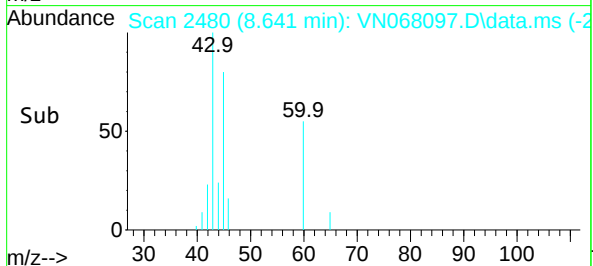
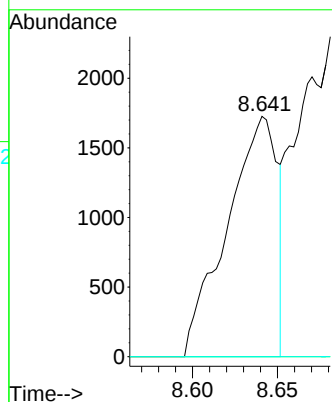
#43

Isopropyl Acetate
Concen: 0.424 ug/l
RT: 8.641 min Scan# 2480
Delta R.T. 0.078 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Instrument :
MSVOA_N
ClientSampled :



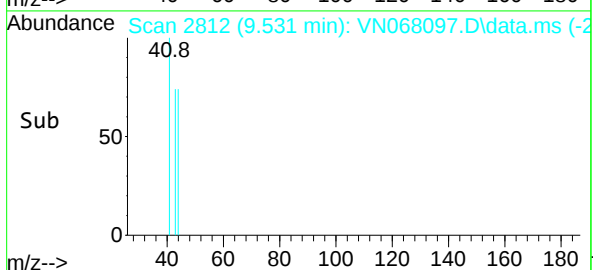
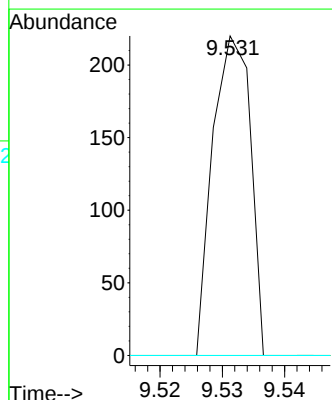
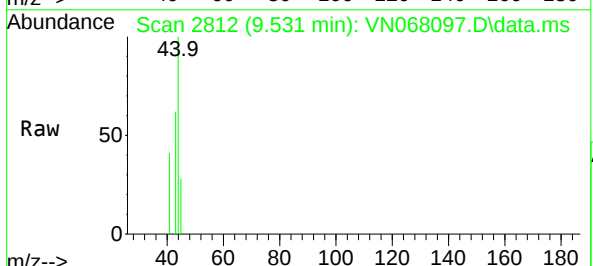
Tgt Ion:	43	Resp:	3550
Ion Ratio	Lower	Upper	
43	100		
61	0.0	19.0	28.4#
87	0.0	9.5	14.3#

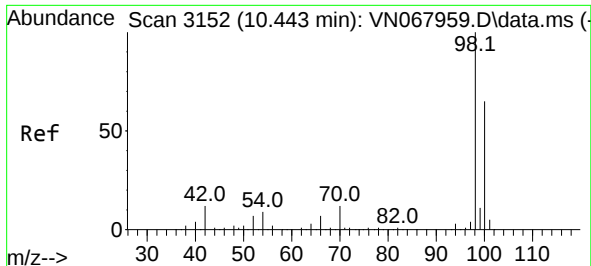


#48

Methyl methacrylate
Concen: 2.326 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.032 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion:	41	Resp:	93
Ion Ratio	Lower	Upper	
41	100		
69	0.0	64.6	96.8#
39	0.0	53.3	79.9#

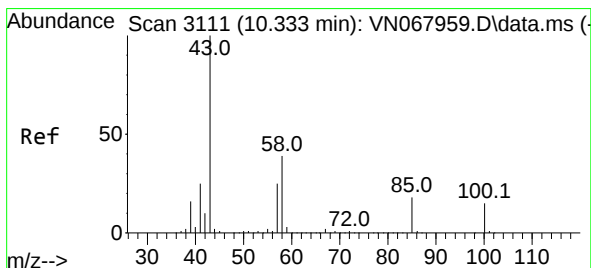
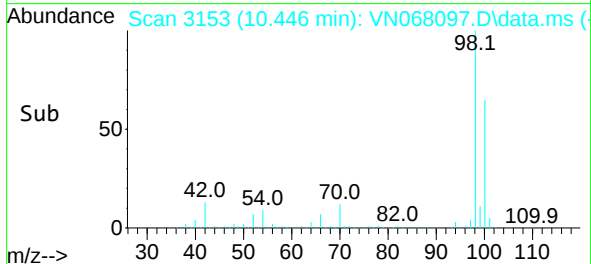
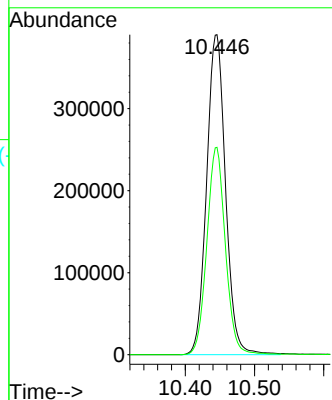
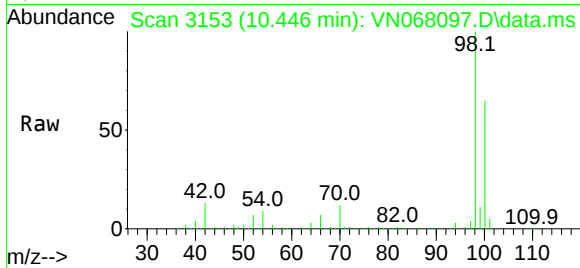




#50
Toluene-d8
Concen: 47.831 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

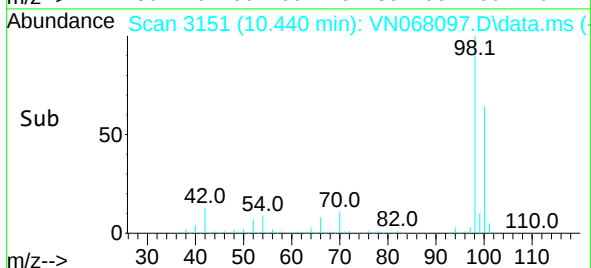
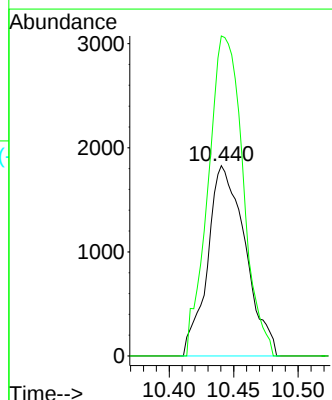
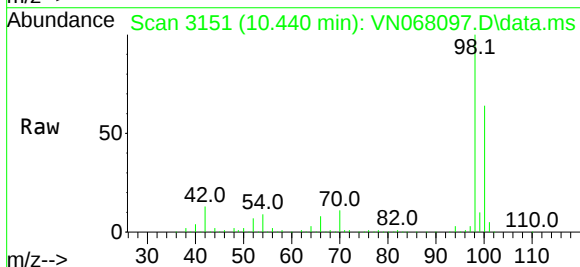
Instrument :
MSVOA_N
ClientSampled :

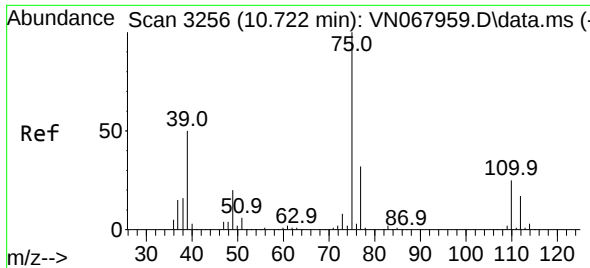
Tgt Ion: 98 Resp: 740303
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 13.145 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.107 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 43 Resp: 3716
Ion Ratio Lower Upper
43 100
58 155.7 28.6 43.0#

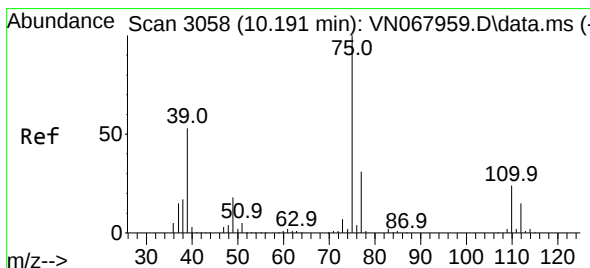
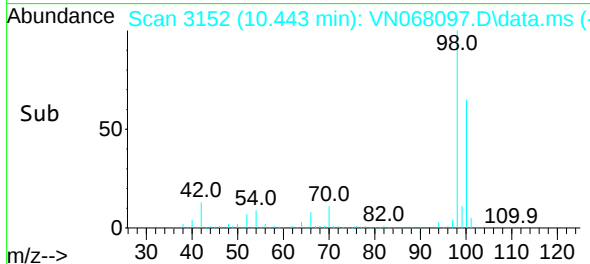
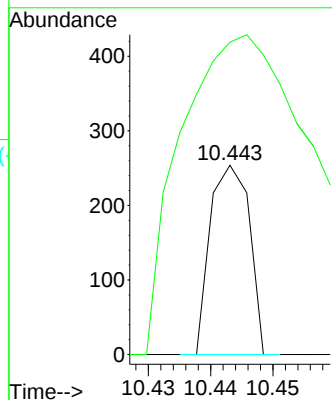
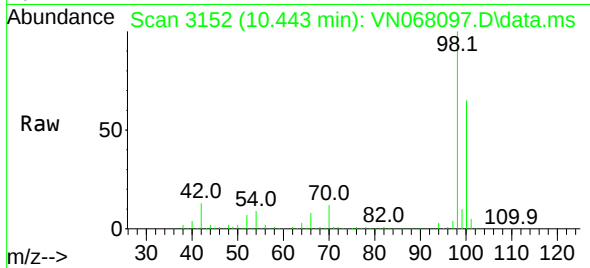




#53
t-1,3-Dichloropropene
Concen: 2.848 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.279 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

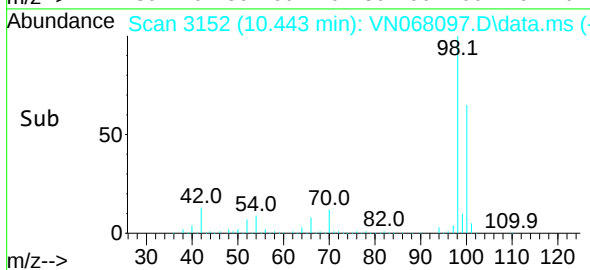
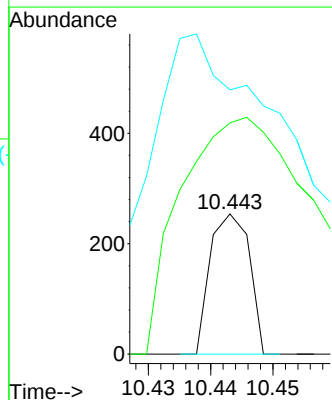
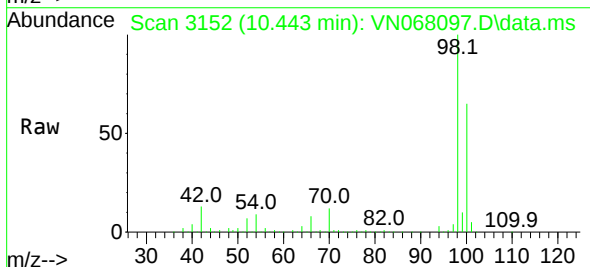
Instrument :
MSVOA_N
ClientSampled :

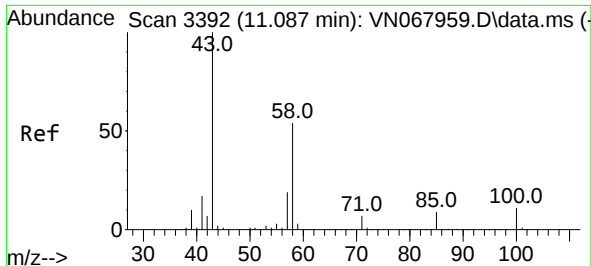
Tgt Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
77 47.6 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 2.370 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.252 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 75 Resp: 111
Ion Ratio Lower Upper
75 100
77 47.6 24.6 37.0#
39 16.9 50.7 76.1#

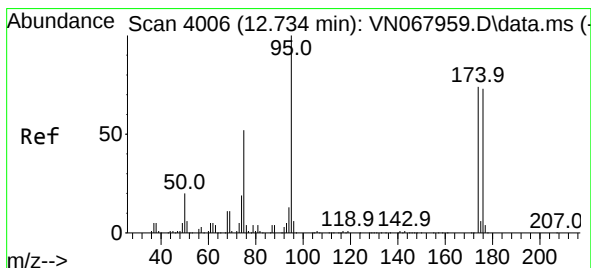
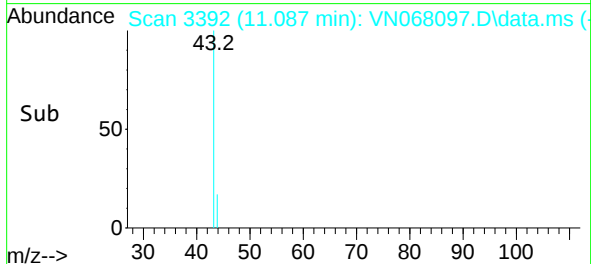
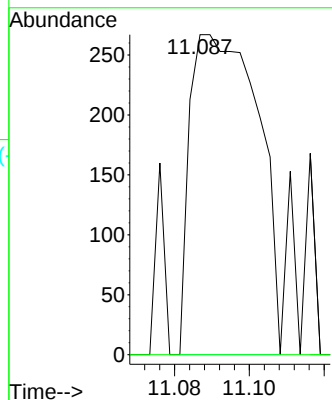
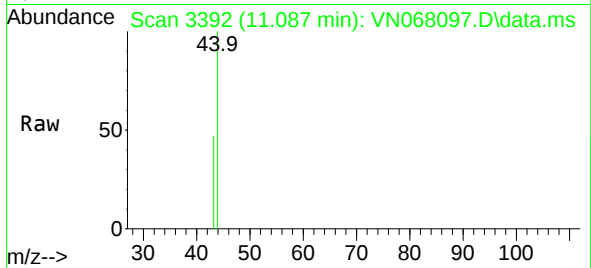




#59
2-Hexanone
Concen: 13.362 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

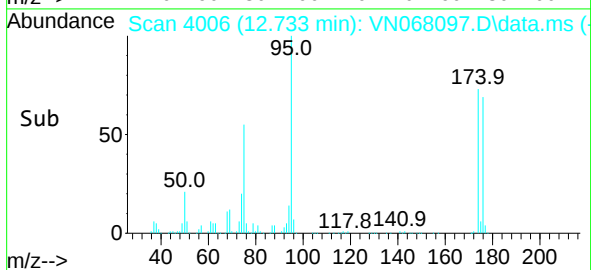
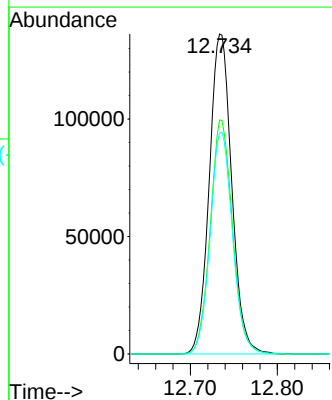
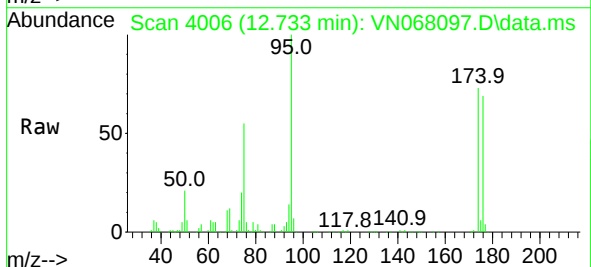
Instrument :
MSVOA_N
ClientSampled :

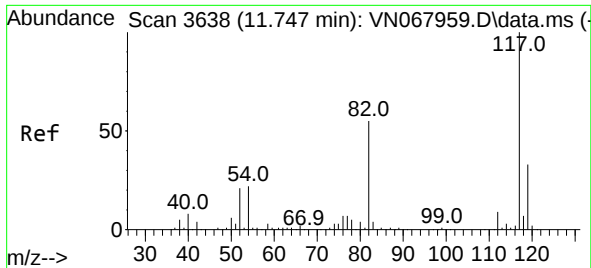
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 24.7 74.1#



#62
4-Bromofluorobenzene
Concen: 43.611 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 95 Resp: 243992
Ion Ratio Lower Upper
95 100
174 72.7 0.0 122.0
176 69.1 0.0 117.6

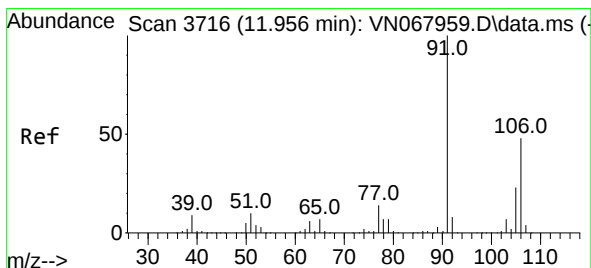
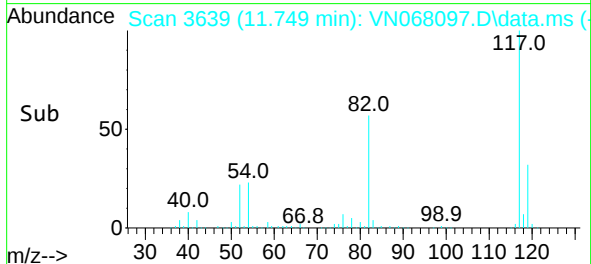
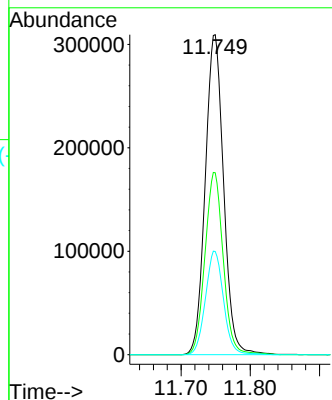
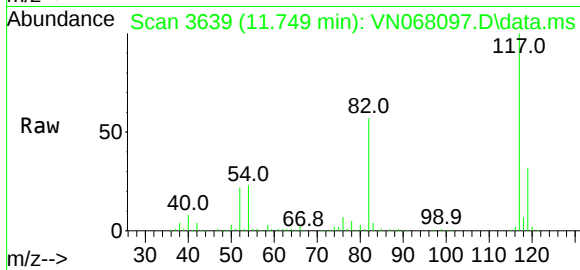




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

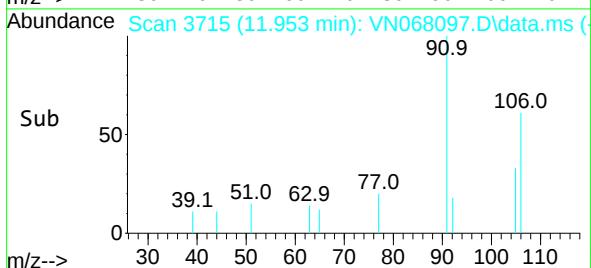
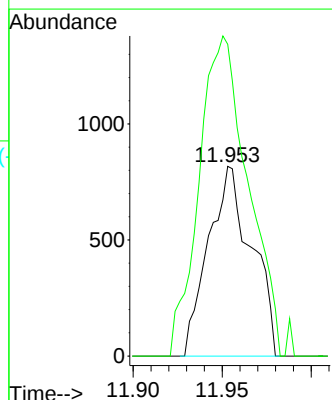
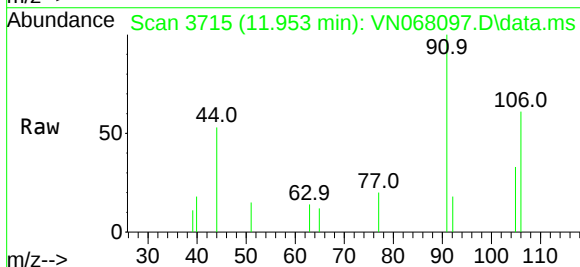
Instrument :
MSVOA_N
ClientSampled :

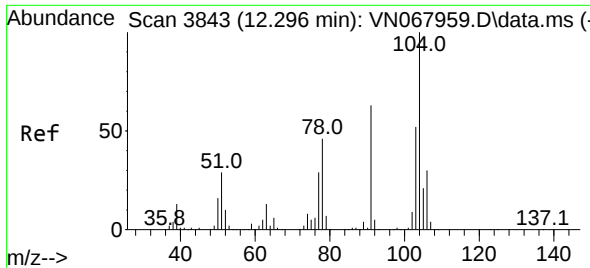
Tgt Ion:117 Resp: 570171
Ion Ratio Lower Upper
117 100
82 56.9 53.1 79.7
119 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 4.209 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion:106 Resp: 1378
Ion Ratio Lower Upper
106 100
91 191.7 180.6 270.8

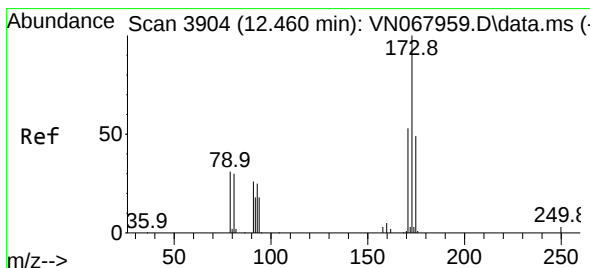
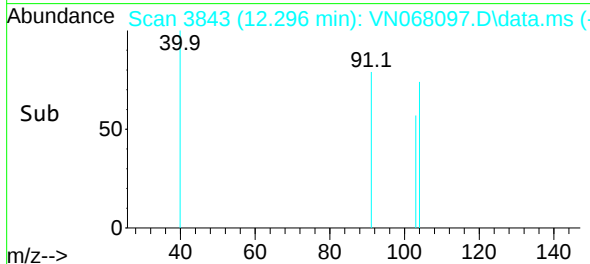
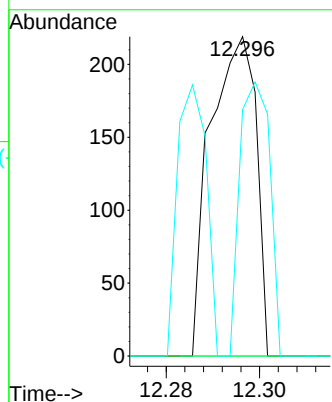
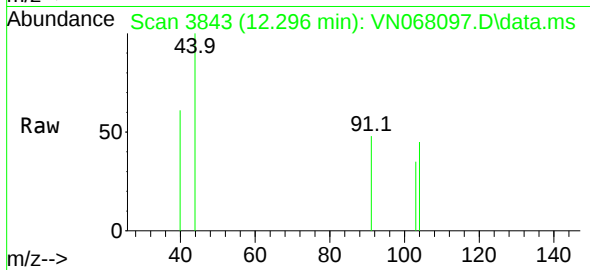




#70
Styrene
Concen: 2.641 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

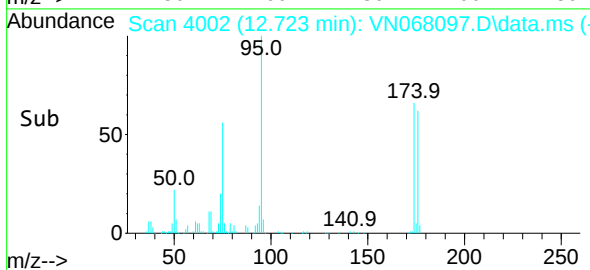
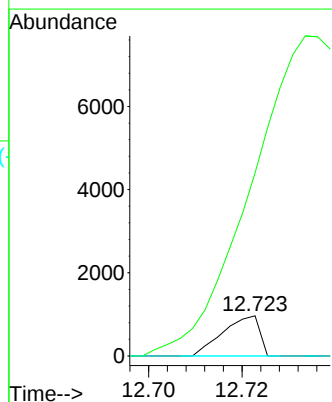
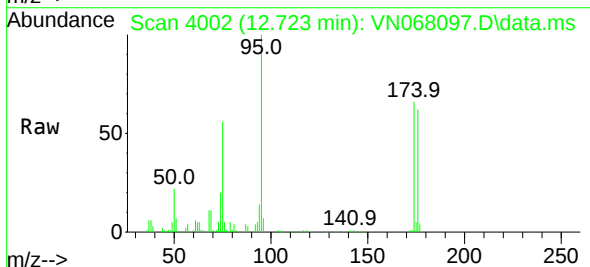
Instrument :
MSVOA_N
ClientSampled :

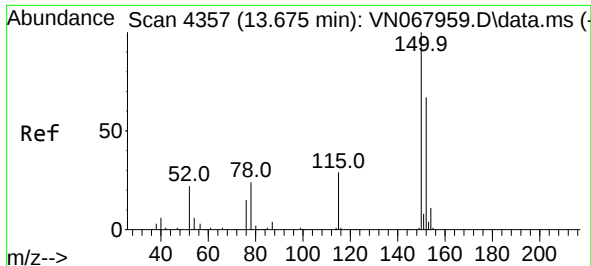
Tgt Ion:104 Resp: 149
Ion Ratio Lower Upper
104 100
78 0.0 48.2 72.2#
103 56.4 44.5 66.7



#71
Bromoform
Concen: 4.163 ug/l
RT: 12.723 min Scan# 4002
Delta R.T. 0.263 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion:173 Resp: 525
Ion Ratio Lower Upper
173 100
175 2357.5 23.9 71.8#
254 0.0 0.0 0.0

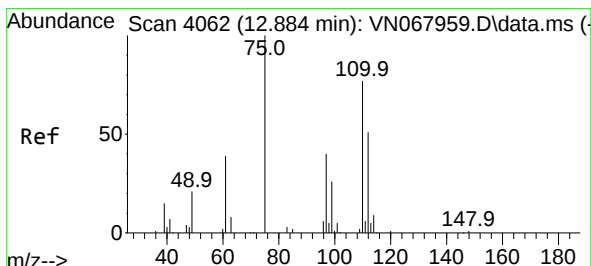
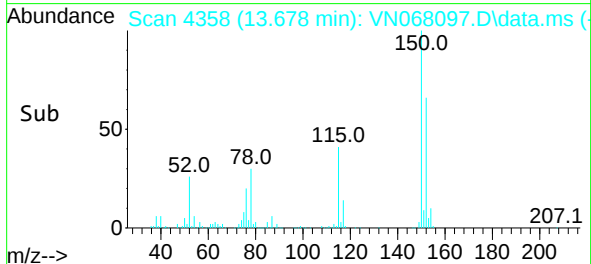
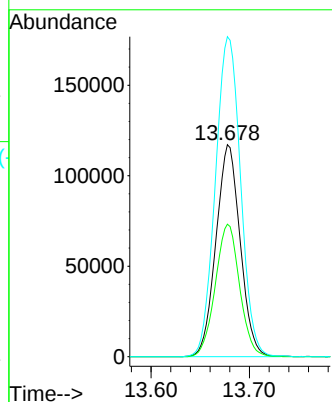
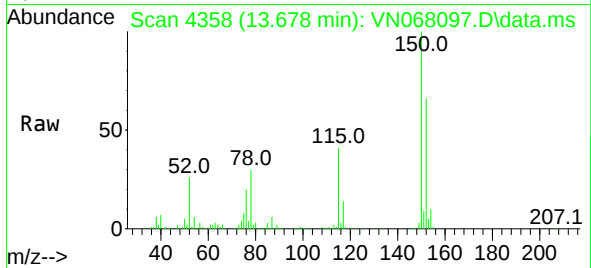




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

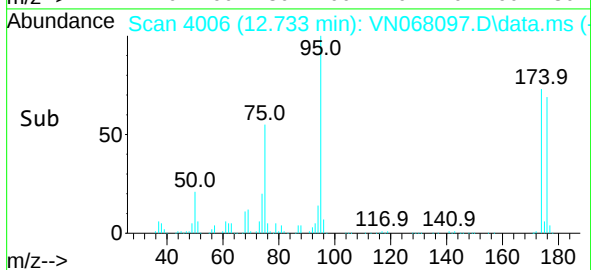
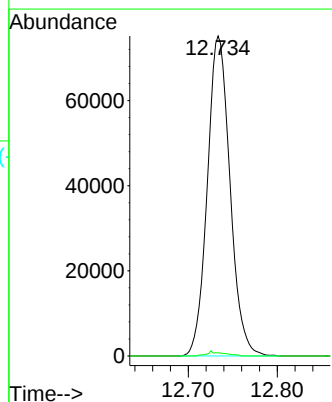
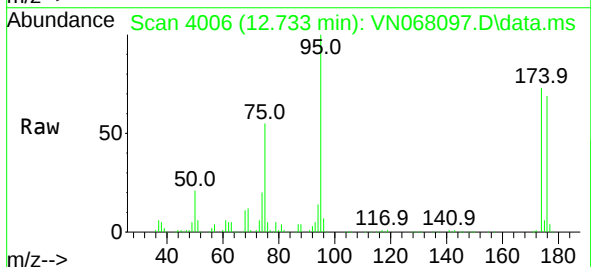
Instrument :
MSVOA_N
ClientSampled :

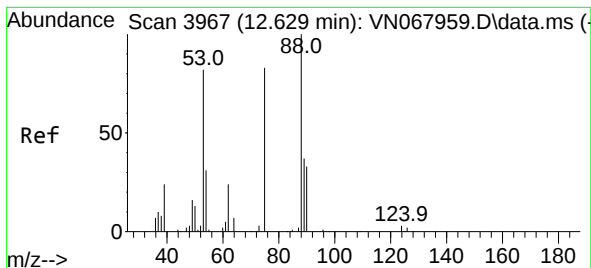
Tgt Ion:152 Resp: 200871
Ion Ratio Lower Upper
152 100
115 62.6 36.1 108.5
150 156.7 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 32.949 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Tgt Ion: 75 Resp: 132920
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#

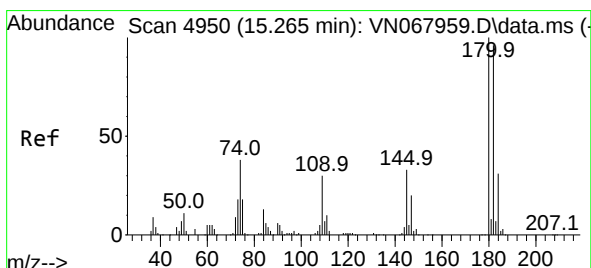
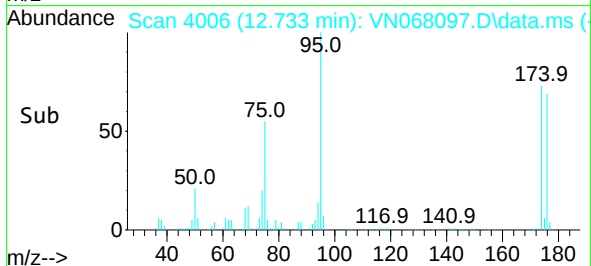
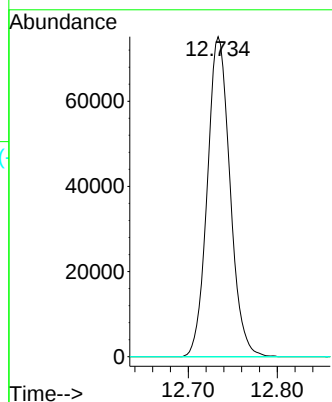
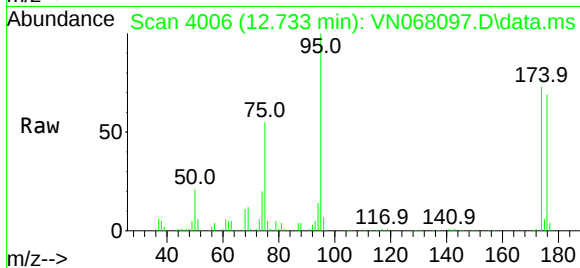




#81
trans-1,4-Dichloro-2-butene
Concen: 88.436 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

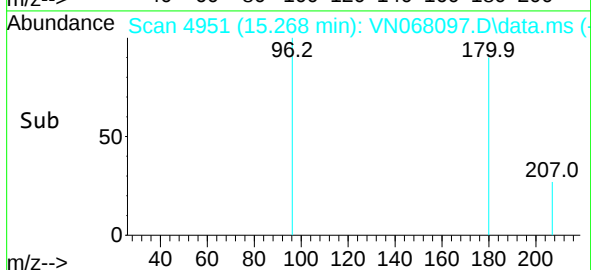
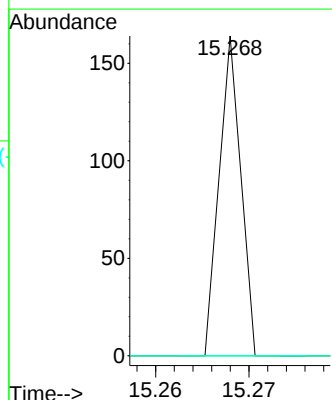
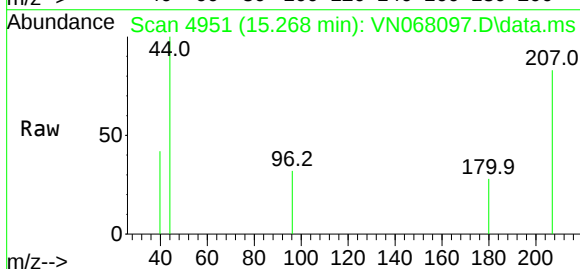
Instrument :
MSVOA_N
ClientSampled :

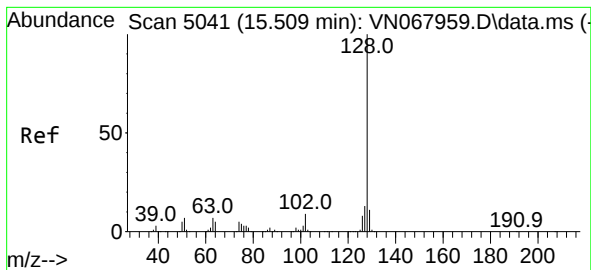
Tgt Ion: 75 Resp: 132920
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.475 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

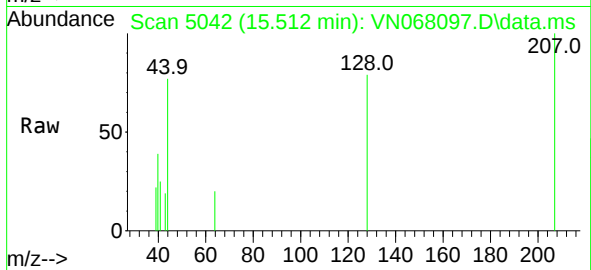
Tgt Ion:180 Resp: 26
Ion Ratio Lower Upper
180 100
182 0.0 47.5 142.5#
145 0.0 17.2 51.6#





#95
Naphthalene
Concen: 3.238 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.003 min
Lab File: VN068097.D
Acq: 12 Aug 2021 18:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1056
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.6 12.8#

