

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
 Data File : VN068375.D
 Acq On : 31 Aug 2021 17:34
 Operator : JC/MD
 Sample : M3611-01 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 01 02:07:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 31 02:20:58 2021
 Response via : Initial Calibration

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

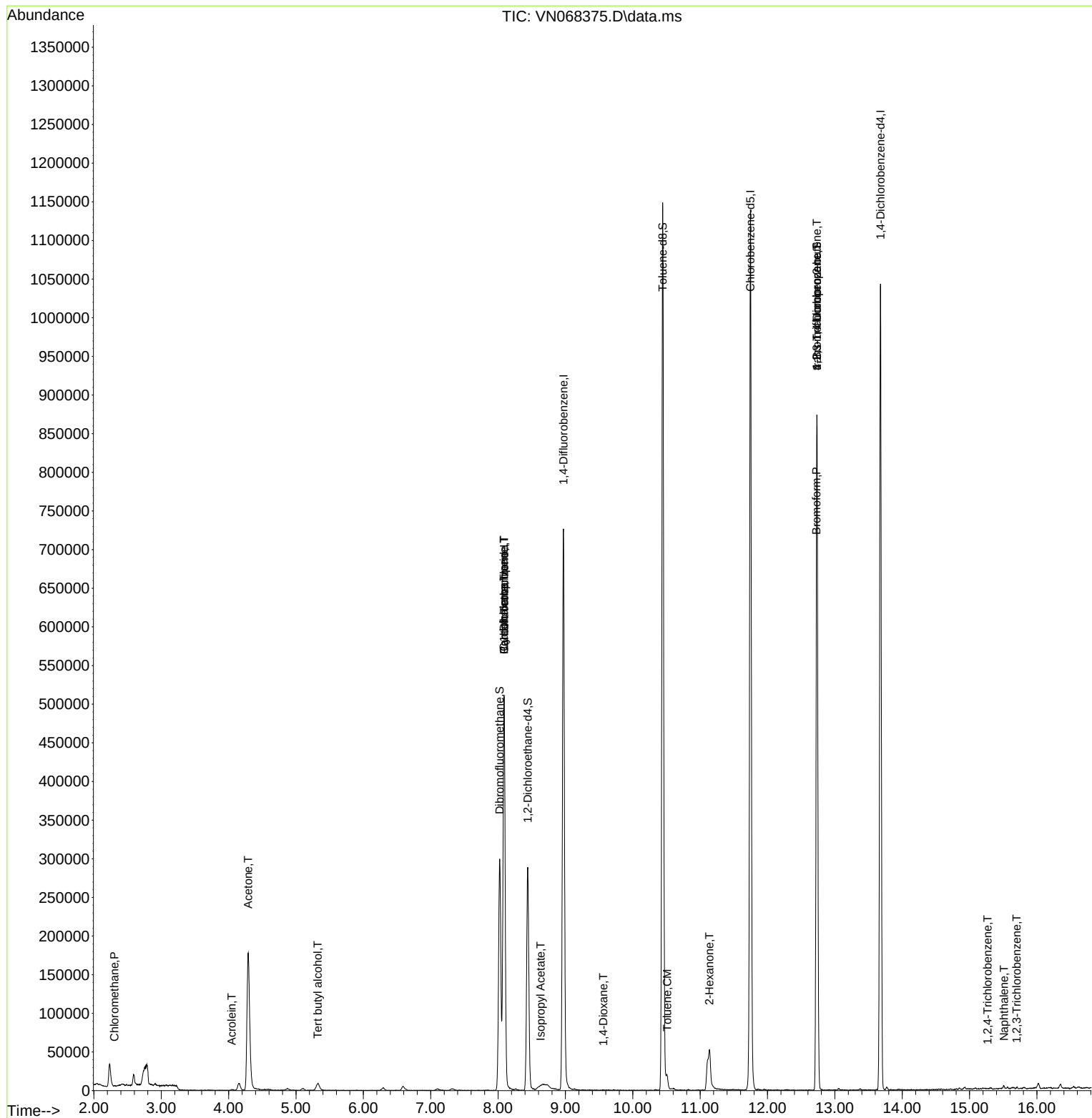
Internal Standards						
1) Pentafluorobenzene	8.091	168	426107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	698835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	717475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	308389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	239706	55.114	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.220%			
35) Dibromofluoromethane	8.024	113	217435	49.074	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.140%			
50) Toluene-d8	10.443	98	842883	50.818	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.640%			
62) 4-Bromofluorobenzene	12.733	95	293460	53.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.820%			
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1296	0.349	ug/l	97
5) Bromomethane	2.837	94	1544	Below Cal	#	58
11) Tert butyl alcohol	5.323	59	7410	13.029	ug/l #	73
13) Acrolein	4.044	56	966	2.615	ug/l	88
16) Acetone	4.291	43	320373	279.365	ug/l	98
18) Methyl Acetate	4.873	43	5166	Below Cal	#	77
20) Methylene Chloride	5.103	84	510	Below Cal	#	73
31) Cyclohexane	8.088	56	6842	1.194	ug/l #	26
36) 1,1-Dichloropropene	8.088	75	27572	4.961	ug/l #	44
38) Carbon Tetrachloride	8.091	117	39432	5.937	ug/l #	16
43) Isopropyl Acetate	8.630	43	7026	0.938	ug/l #	51
49) 1,4-Dioxane	9.561	88	51	0.660	ug/l #	1
52) Toluene	10.513	92	5952	0.515	ug/l	98
59) 2-Hexanone	11.138	43	29118	8.935	ug/l #	26
71) Bromoform	12.725	173	1124	2.140	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	146596	27.970	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	146596	92.413	ug/l #	14
93) 1,2,4-Trichlorobenzene	15.268	180	471	2.288	ug/l #	84
95) Naphthalene	15.509	128	4334	2.669	ug/l	98
96) 1,2,3-Trichlorobenzene	15.700	180	350	2.058	ug/l	77

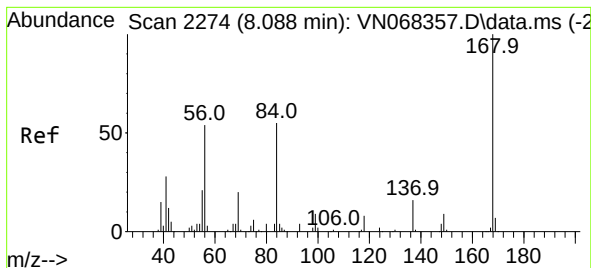
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083121\
Data File : VN068375.D
Acq On : 31 Aug 2021 17:34
Operator : JC/MD
Sample : M3611-01 200X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Sep 01 02:07:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083021W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 31 02:20:58 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.091 min Scan# 2275

Delta R.T. 0.003 min

Lab File: VN068375.D

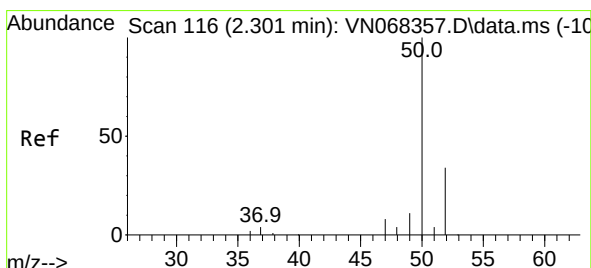
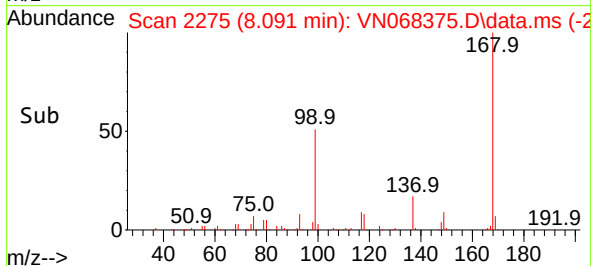
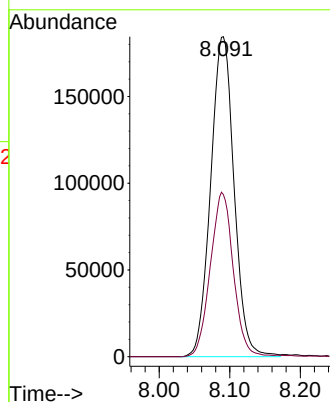
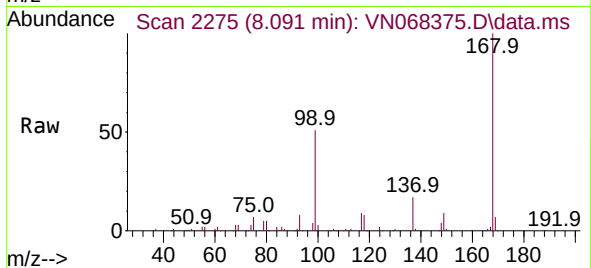
Acq: 31 Aug 2021 17:34

Tgt Ion:168 Resp: 426107

Ion Ratio Lower Upper

168 100

99 50.6 38.6 57.8



#3

Chloromethane

Concen: 0.349 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.003 min

Lab File: VN068375.D

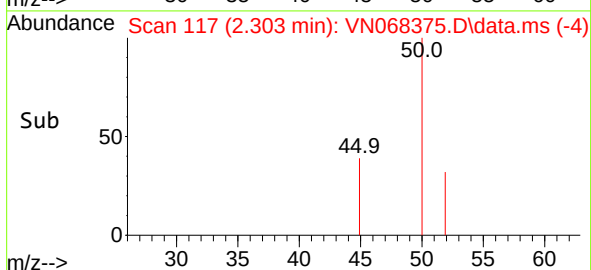
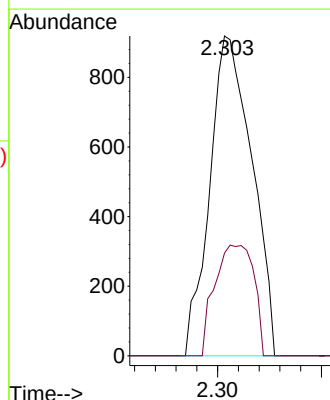
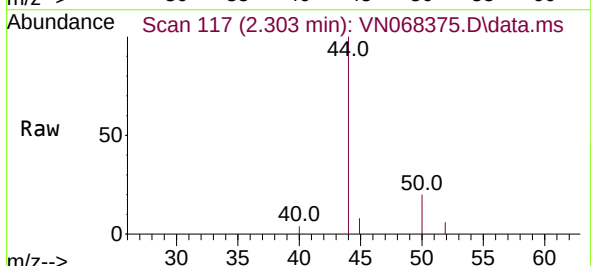
Acq: 31 Aug 2021 17:34

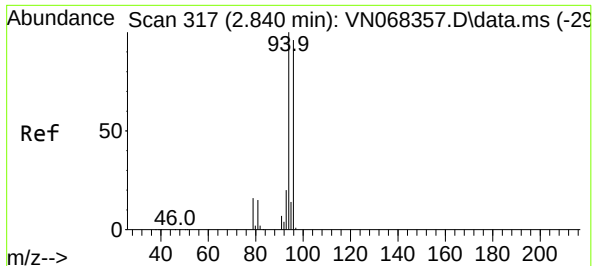
Tgt Ion: 50 Resp: 1296

Ion Ratio Lower Upper

50 100

52 32.1 27.1 40.7

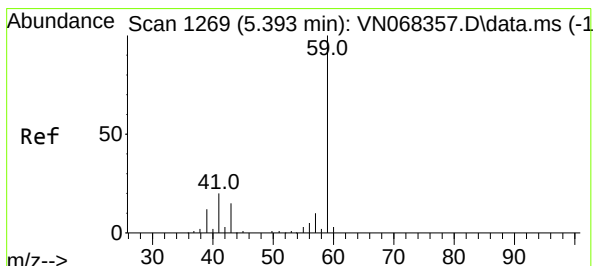
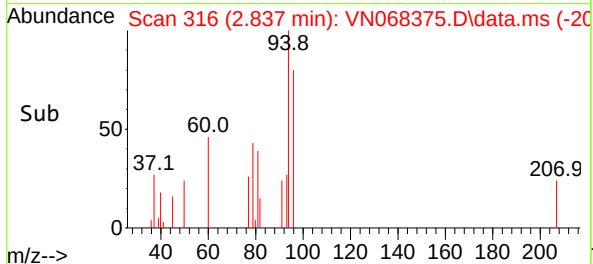
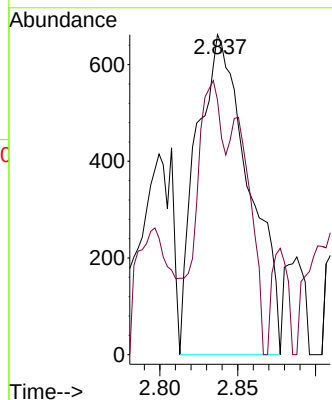
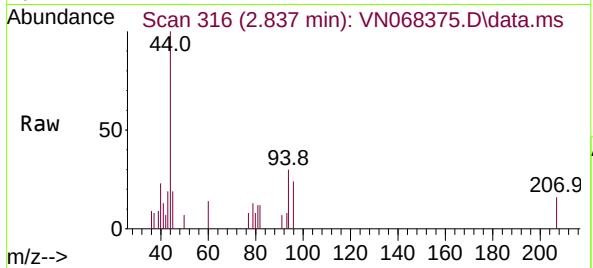




#5
Bromomethane
Concen: Below Cal
RT: 2.837 min Scan# 316
Delta R.T. -0.003 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

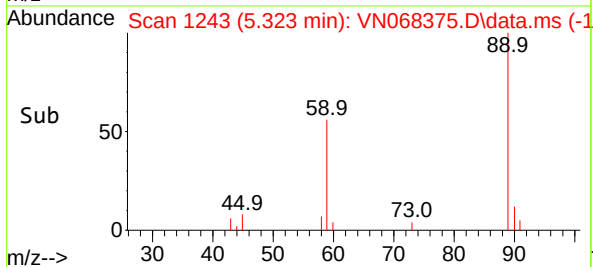
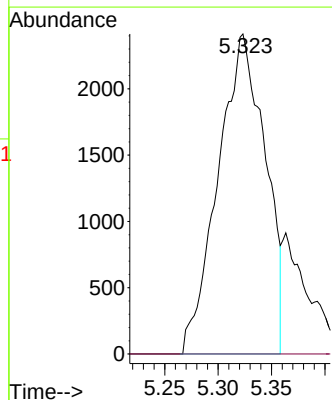
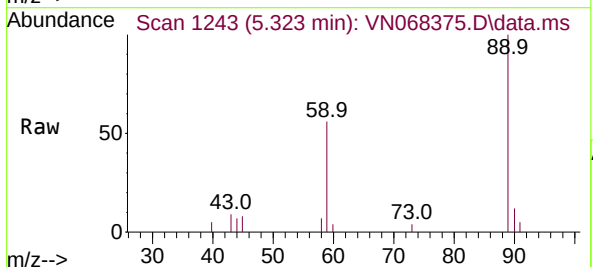
Instrument :
MSVOA_N
ClientSampled :

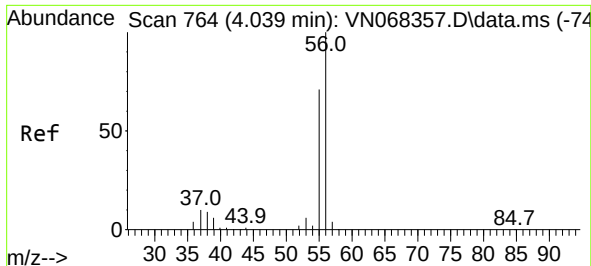
Tgt Ion: 94 Resp: 1544
Ion Ratio Lower Upper
94 100
96 55.7 77.1 115.7#



#11
Tert butyl alcohol
Concen: 13.029 ug/l
RT: 5.323 min Scan# 1243
Delta R.T. -0.070 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion: 59 Resp: 7410
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

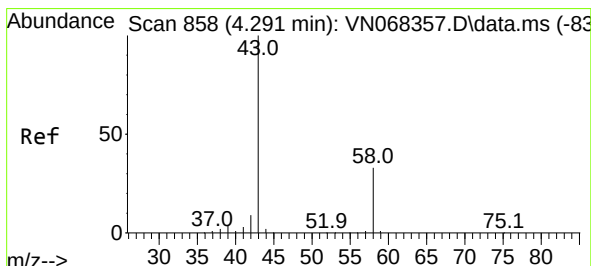
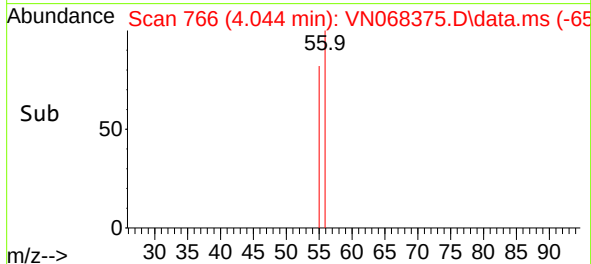
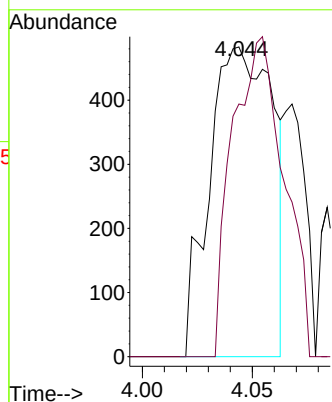
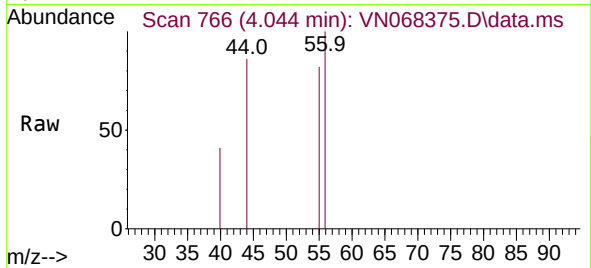




#13
Acrolein
Concen: 2.615 ug/l
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

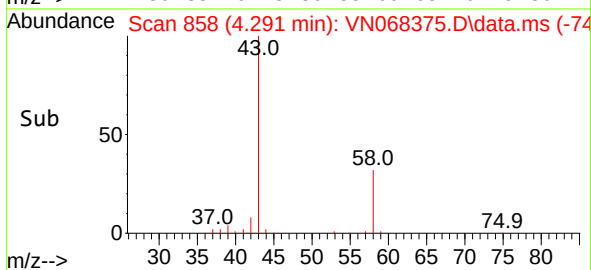
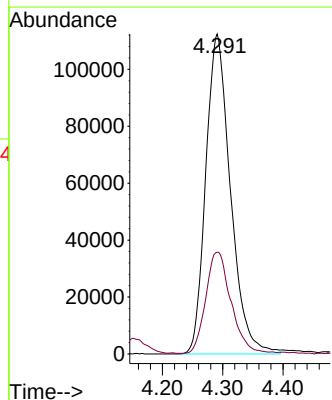
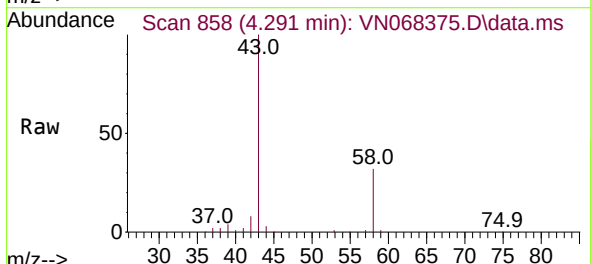
Instrument :
MSVOA_N
ClientSampled :

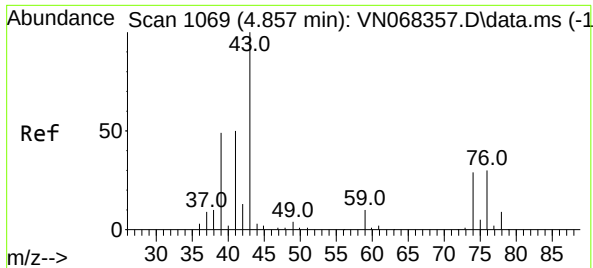
Tgt Ion: 56 Resp: 966
Ion Ratio Lower Upper
56 100
55 84.1 58.9 88.3



#16
Acetone
Concen: 279.365 ug/l
RT: 4.291 min Scan# 858
Delta R.T. -0.000 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion: 43 Resp: 320373
Ion Ratio Lower Upper
43 100
58 31.6 26.3 39.5

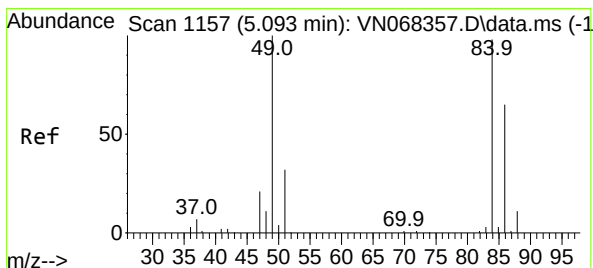
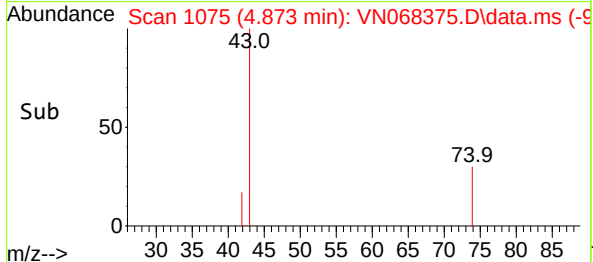
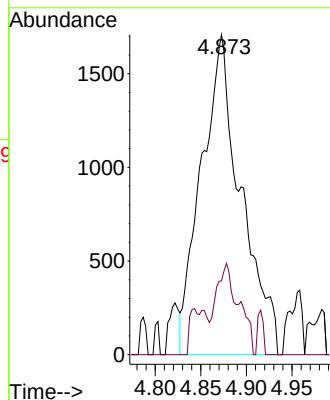
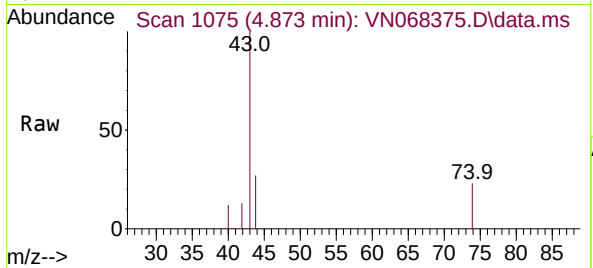




#18
Methyl Acetate
Concen: Below Cal
RT: 4.873 min Scan# 1075
Delta R.T. 0.016 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

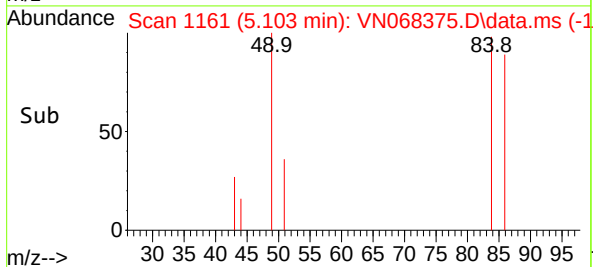
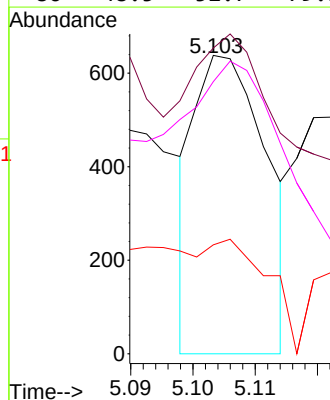
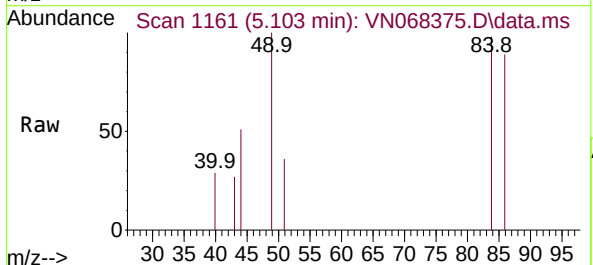
Instrument :
MSVOA_N
ClientSampled :

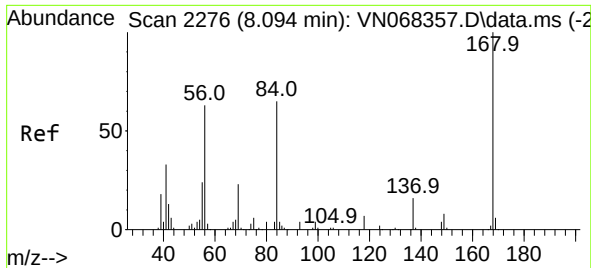
Tgt Ion: 43 Resp: 5166
Ion Ratio Lower Upper
43 100
74 16.3 23.0 34.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.103 min Scan# 1161
Delta R.T. 0.010 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion: 84 Resp: 510
Ion Ratio Lower Upper
84 100
49 67.4 81.8 122.6#
51 24.4 26.3 39.5#
86 48.5 52.7 79.1#

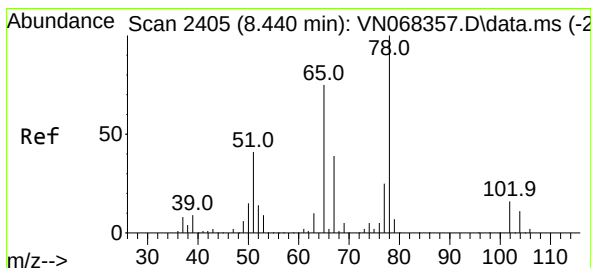
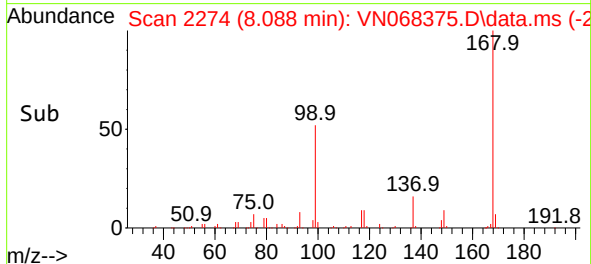
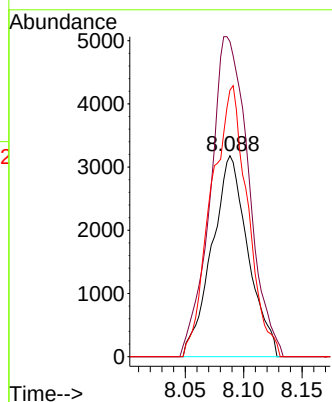
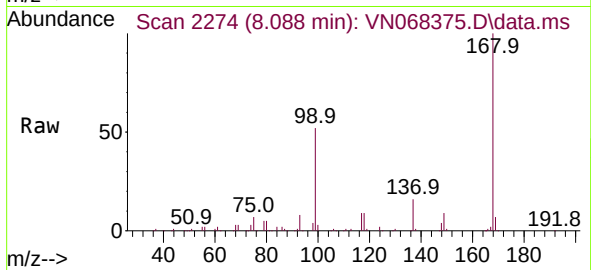




#31
Cyclohexane
Concen: 1.194 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.005 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

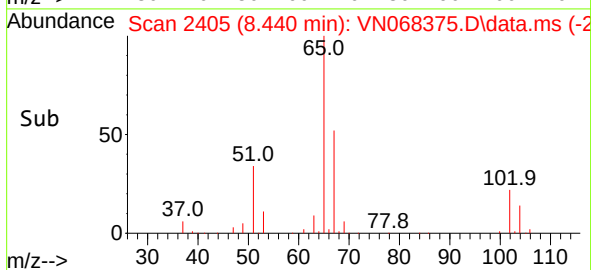
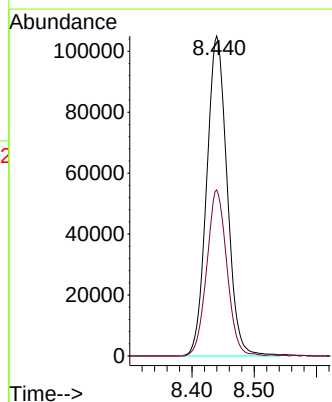
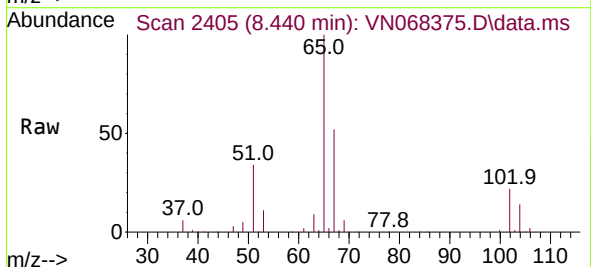
Instrument :
MSVOA_N
ClientSampled :

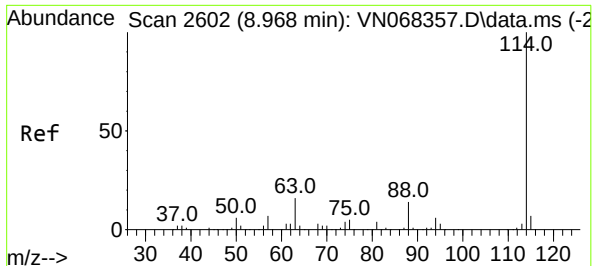
Tgt Ion: 56 Resp: 6842
Ion Ratio Lower Upper
56 100
69 156.7 29.8 44.6#
84 132.6 82.6 124.0#



#33
1,2-Dichloroethane-d4
Concen: 55.114 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion: 65 Resp: 239706
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.8

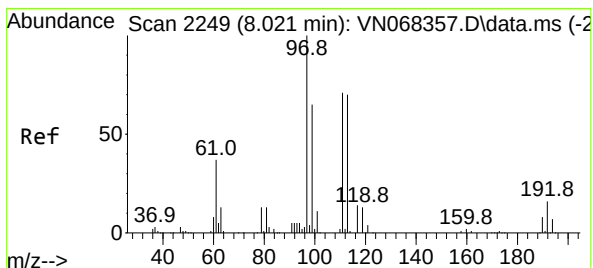
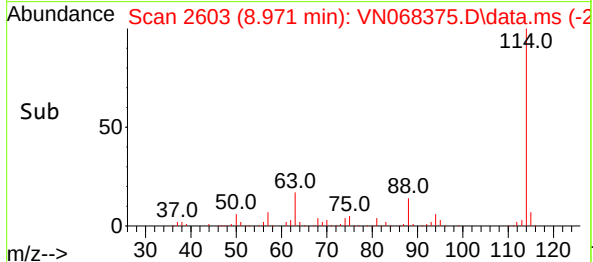
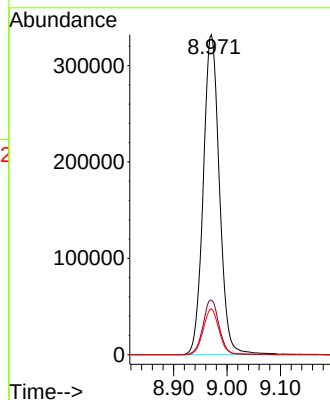
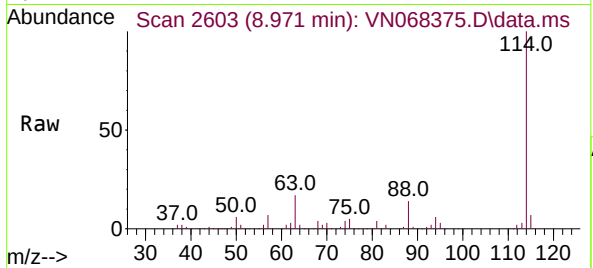




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

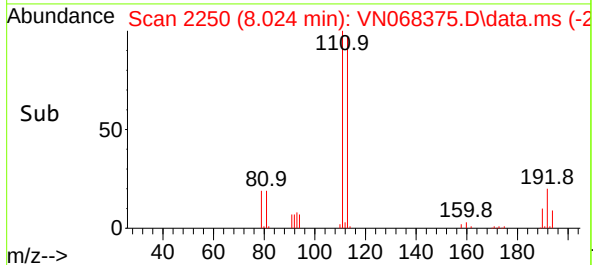
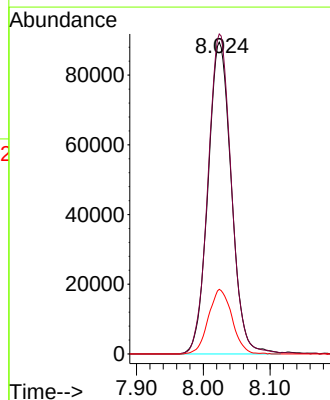
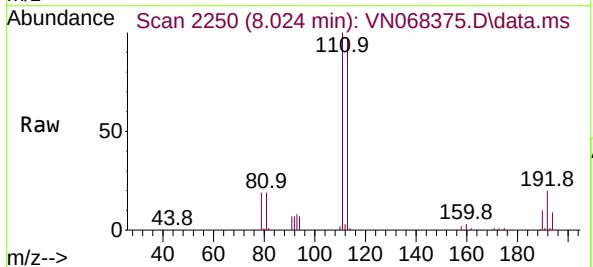
Instrument :
MSVOA_N
ClientSampleId :

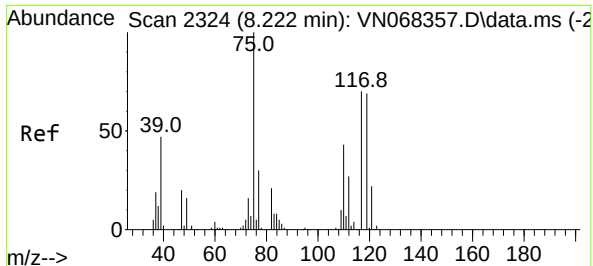
Tgt Ion:114 Resp: 698835
Ion Ratio Lower Upper
114 100
63 17.0 0.0 32.2
88 14.4 0.0 27.6



#35
Dibromofluoromethane
Concen: 49.074 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion:113 Resp: 217435
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 20.9 18.1 27.1

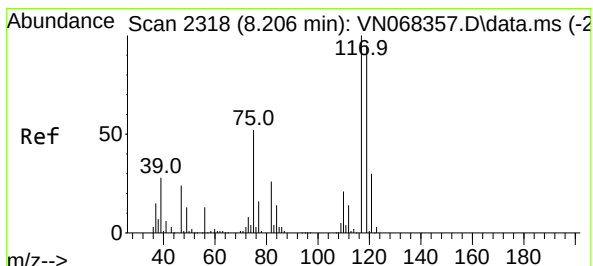
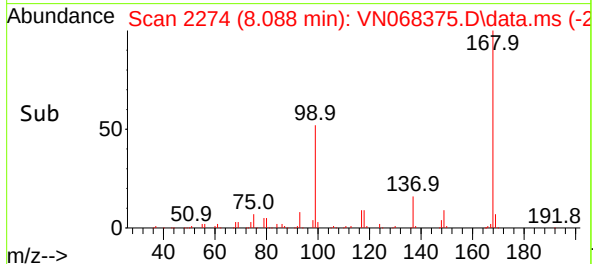
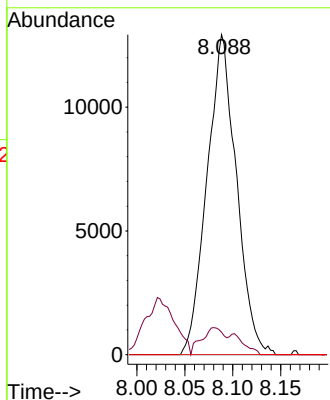
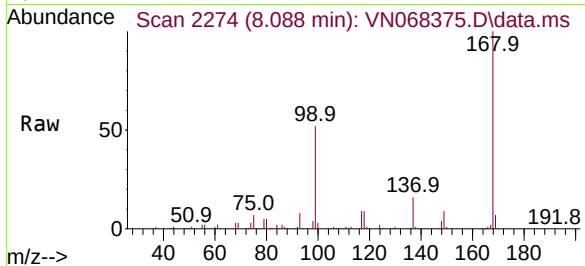




#36
1,1-Dichloropropene
Concen: 4.961 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

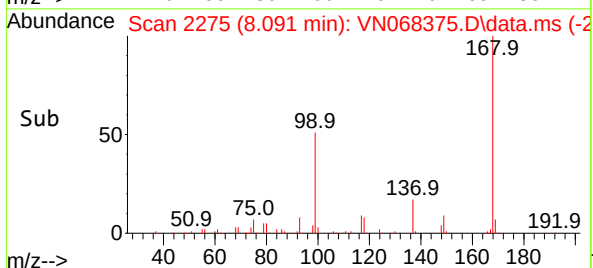
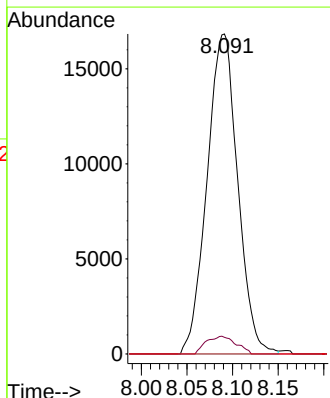
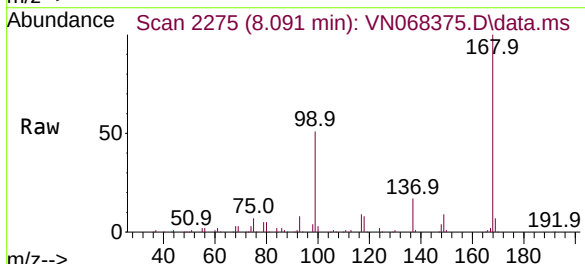
Instrument :
MSVOA_N
ClientSampled :

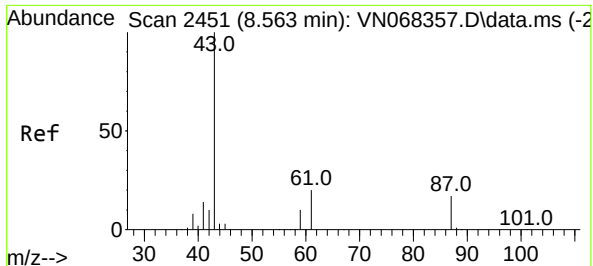
Tgt Ion: 75 Resp: 27572
Ion Ratio Lower Upper
75 100
110 6.5 20.8 62.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.937 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.115 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

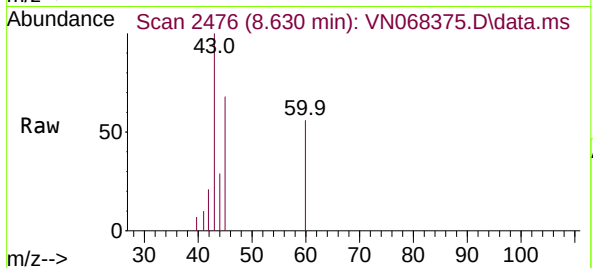
Tgt Ion:117 Resp: 39432
Ion Ratio Lower Upper
117 100
119 5.2 76.0 114.0#
121 0.0 24.2 36.2#



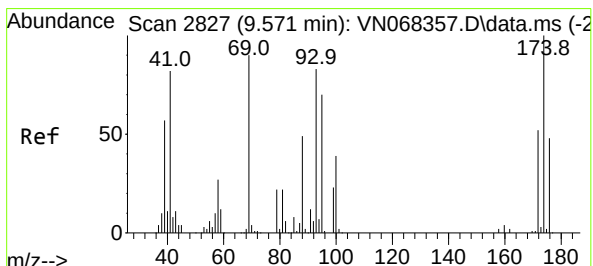
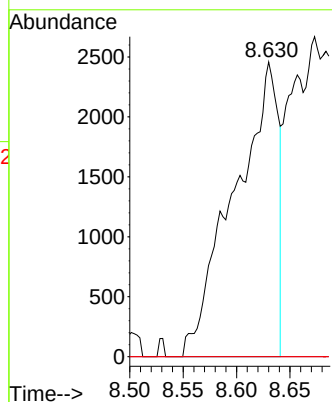
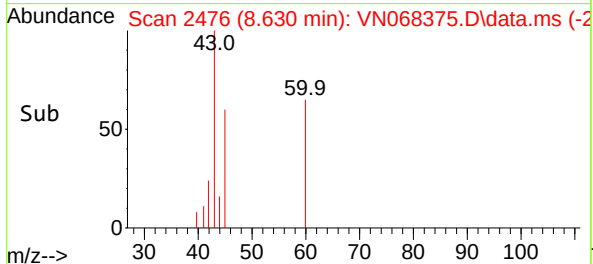


#43
Isopropyl Acetate
Concen: 0.938 ug/l
RT: 8.630 min Scan# 2476
Delta R.T. 0.067 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

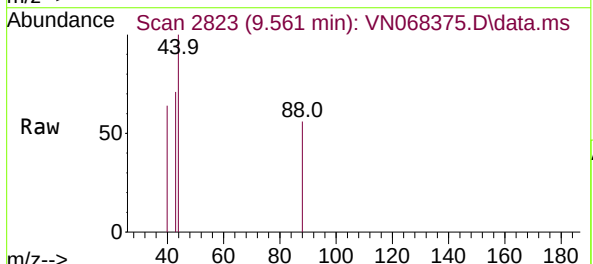
Instrument :
MSVOA_N
ClientSampled :



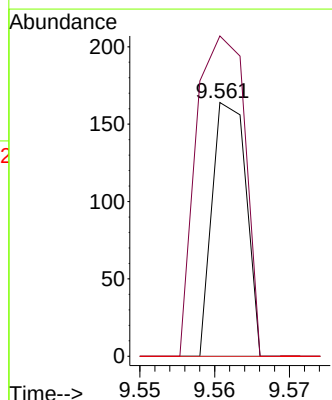
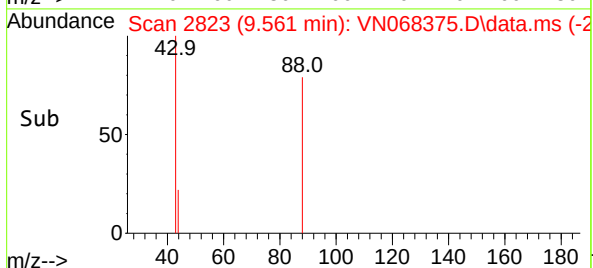
Tgt Ion: 43 Resp: 7026
Ion Ratio Lower Upper
43 100
61 0.0 23.4 35.0#
87 0.0 14.0 21.0#

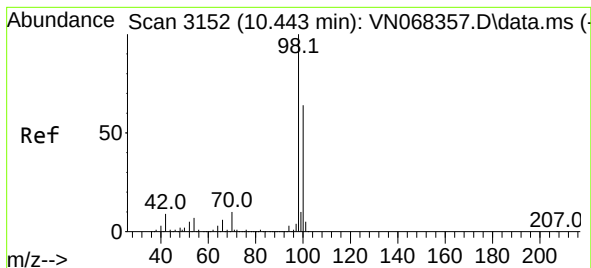


#49
1,4-Dioxane
Concen: 0.660 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.011 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34



Tgt Ion: 88 Resp: 51
Ion Ratio Lower Upper
88 100
43 182.4 19.0 28.4#
58 0.0 44.7 67.1#

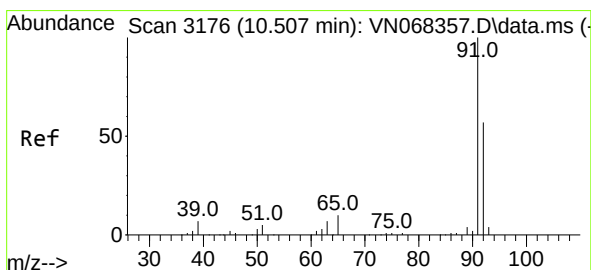
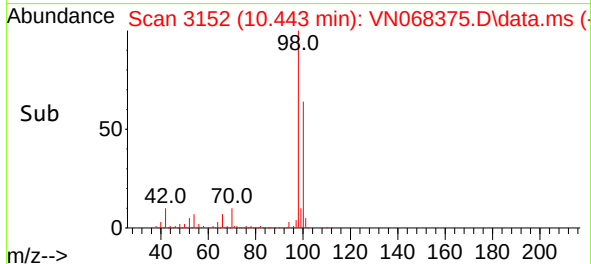
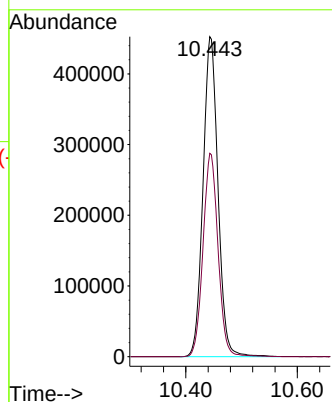
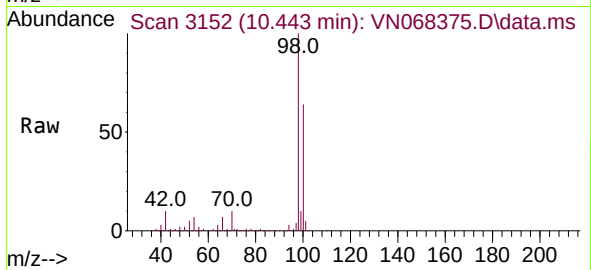




#50
Toluene-d8
Concen: 50.818 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

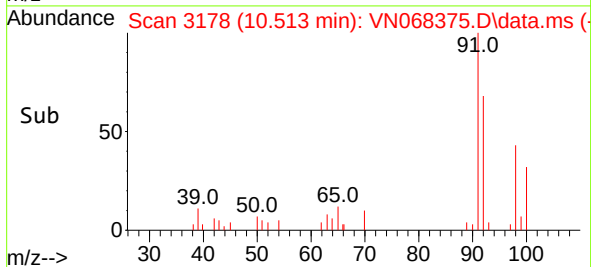
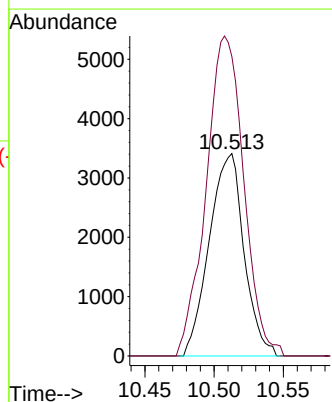
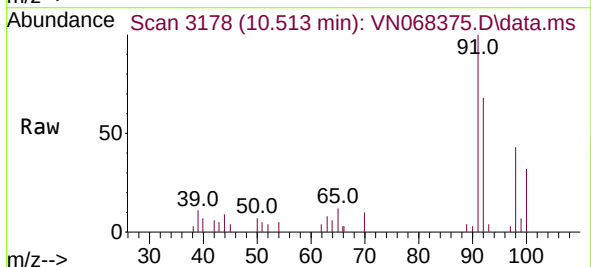
Instrument :
MSVOA_N
ClientSampleId :

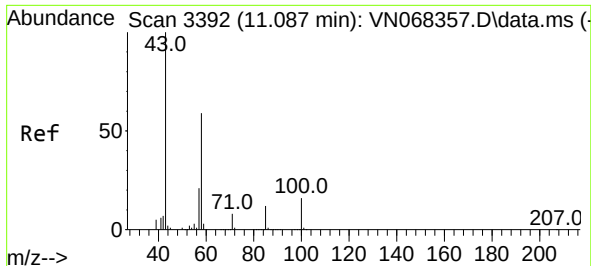
Tgt Ion: 98 Resp: 842883
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#52
Toluene
Concen: 0.515 ug/l
RT: 10.513 min Scan# 3178
Delta R.T. 0.005 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion: 92 Resp: 5952
Ion Ratio Lower Upper
92 100
91 171.3 139.6 209.4

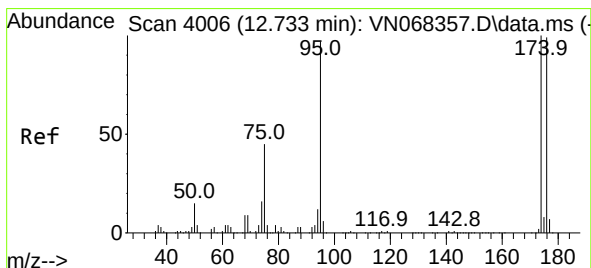
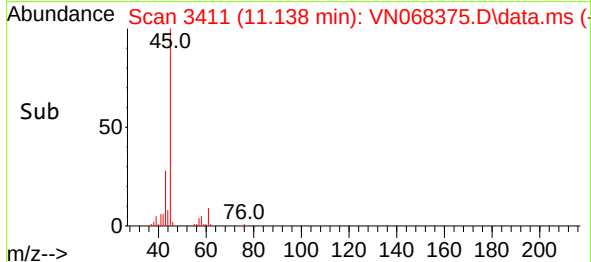
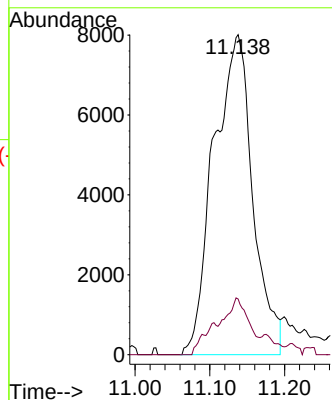
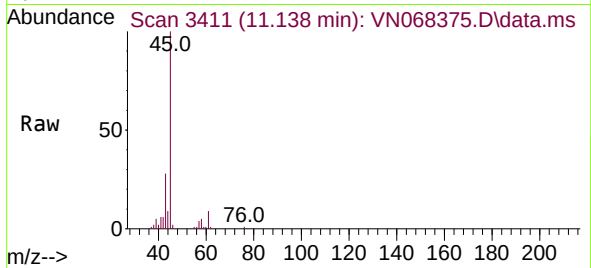




#59
2-Hexanone
Concen: 8.935 ug/l
RT: 11.138 min Scan# 3411
Delta R.T. 0.051 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

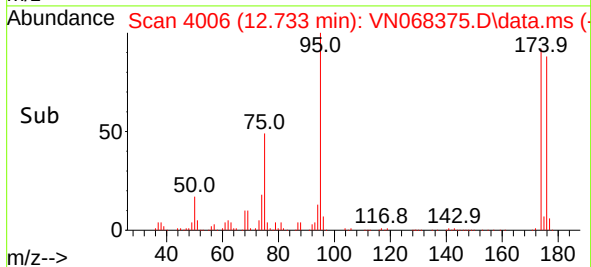
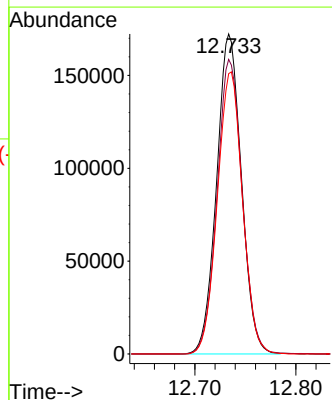
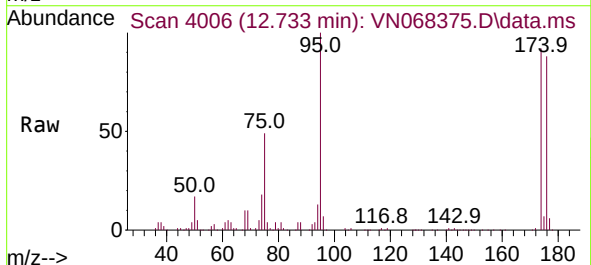
Instrument :
MSVOA_N
ClientSampled :

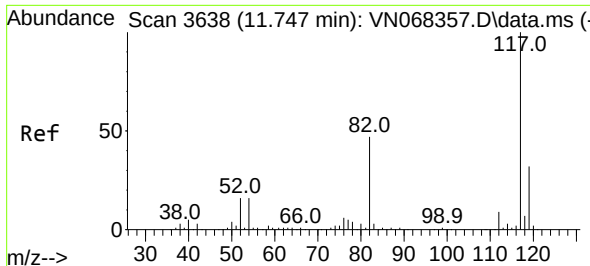
Tgt Ion: 43 Resp: 29118
Ion Ratio Lower Upper
43 100
58 4.1 29.8 89.4#



#62
4-Bromofluorobenzene
Concen: 53.913 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion: 95 Resp: 293460
Ion Ratio Lower Upper
95 100
174 93.4 0.0 211.4
176 89.7 0.0 205.4

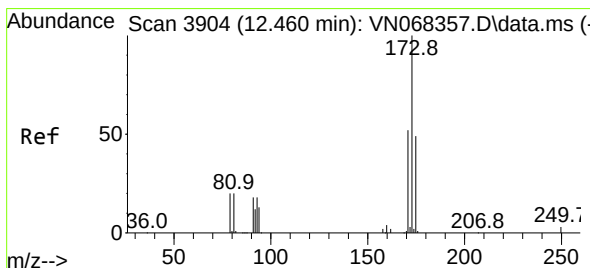
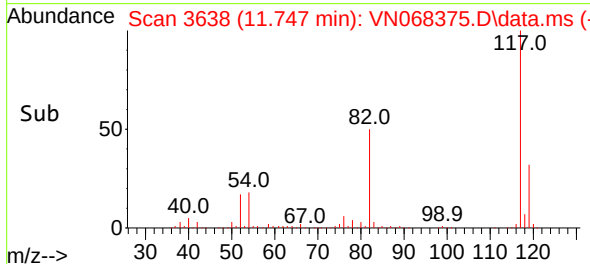
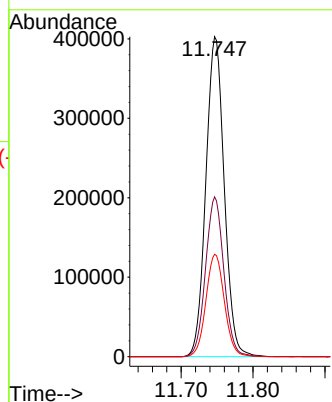
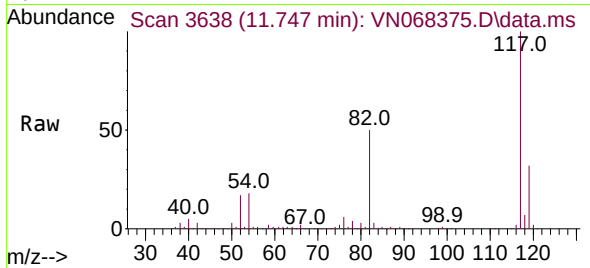




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

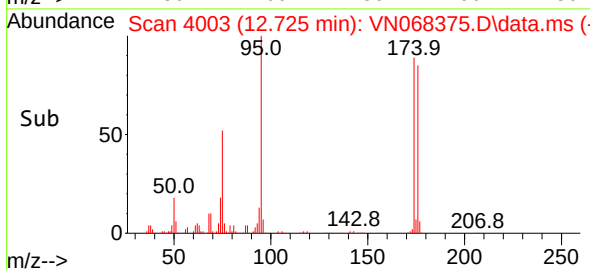
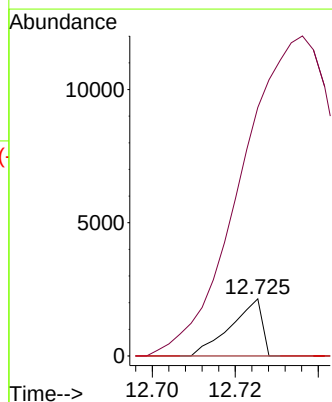
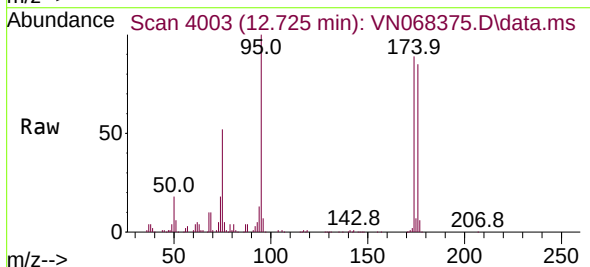
Instrument :
MSVOA_N
ClientSampled :

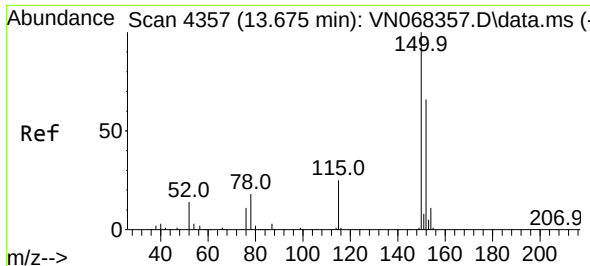
Tgt Ion:117 Resp: 717475
Ion Ratio Lower Upper
117 100
82 50.0 37.8 56.6
119 32.0 26.0 39.0



#71
Bromoform
Concen: 2.140 ug/l
RT: 12.725 min Scan# 4003
Delta R.T. 0.265 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion:173 Resp: 1124
Ion Ratio Lower Upper
173 100
175 1711.9 24.0 72.0#
254 0.0 0.0 0.0

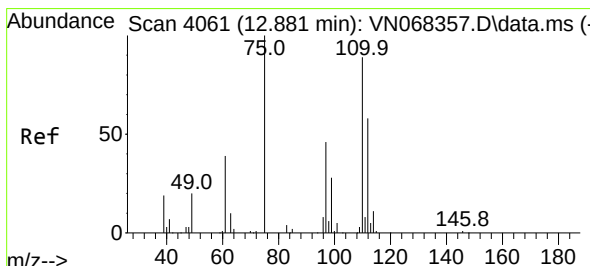
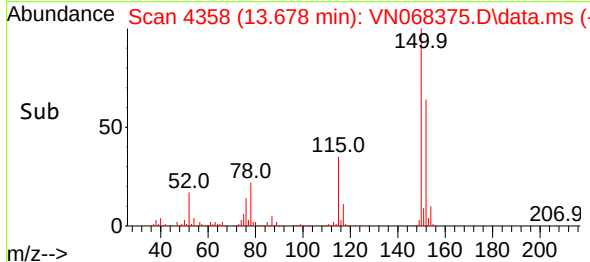
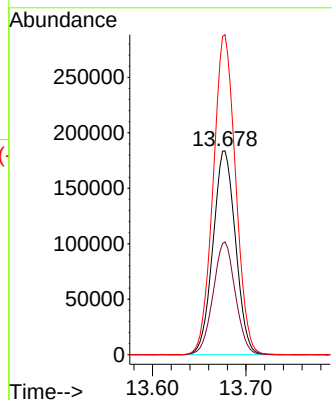
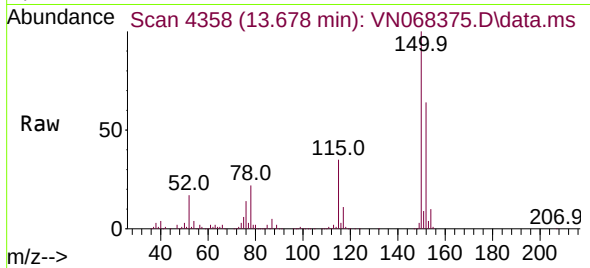




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068375.D
 Acq: 31 Aug 2021 17:34

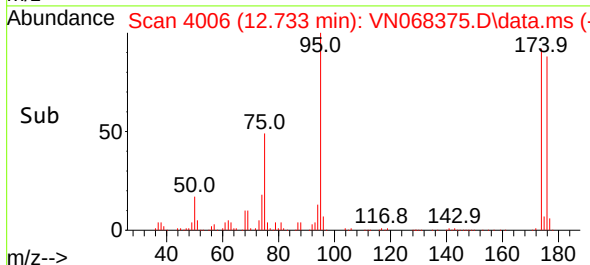
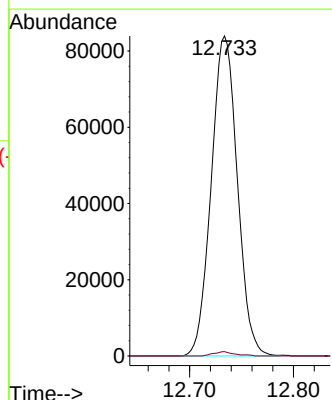
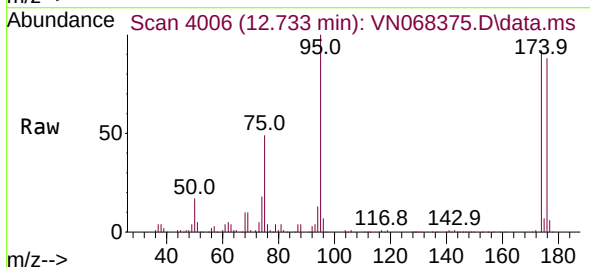
Instrument :
 MSVOA_N
 ClientSampled :

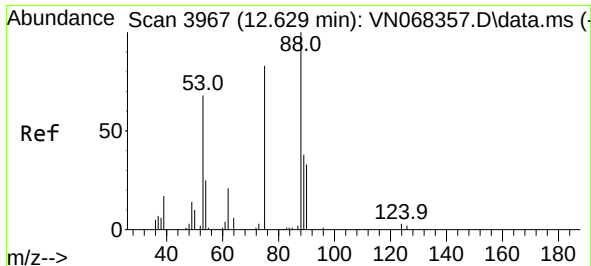
Tgt Ion:152 Resp: 308389
 Ion Ratio Lower Upper
 152 100
 115 54.6 26.1 78.3
 150 156.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 27.970 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN068375.D
 Acq: 31 Aug 2021 17:34

Tgt Ion: 75 Resp: 146596
 Ion Ratio Lower Upper
 75 100
 77 1.1 108.3 324.9#

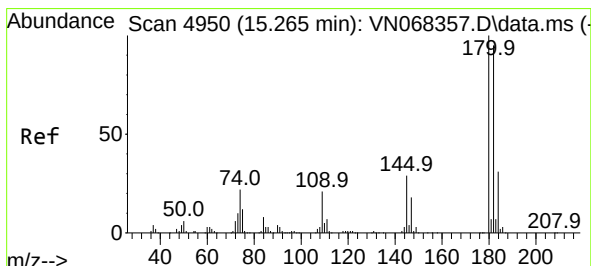
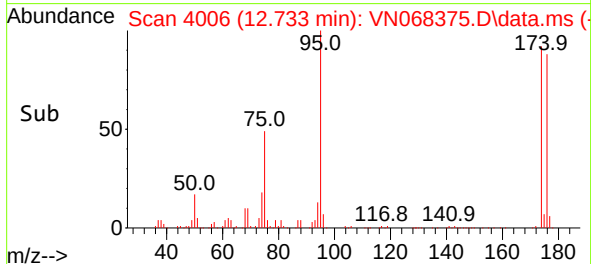
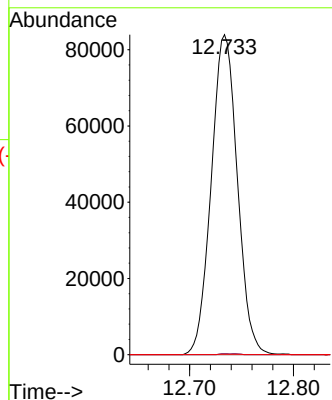
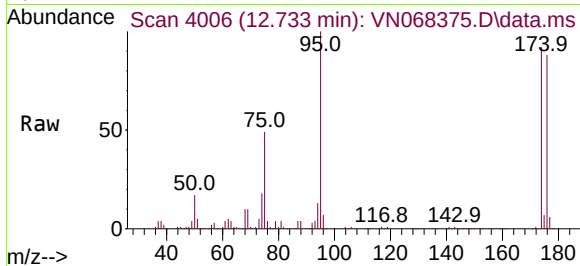




#81
trans-1,4-Dichloro-2-butene
Concen: 92.413 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

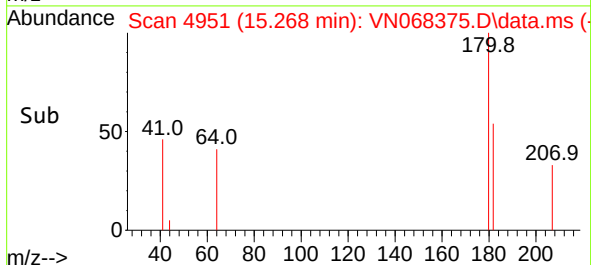
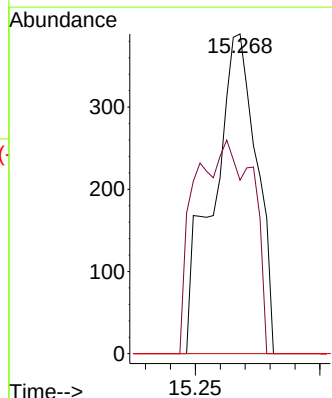
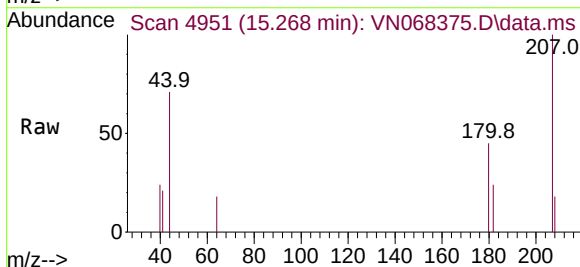
Instrument :
MSVOA_N
ClientSampleId :

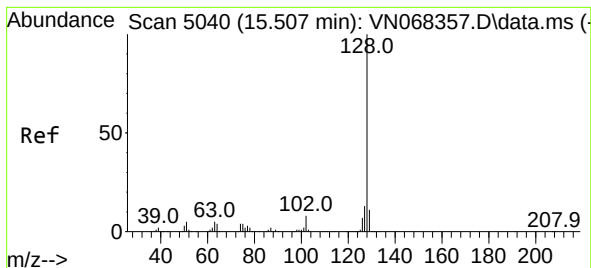
Tgt Ion: 75 Resp: 146596
Ion Ratio Lower Upper
75 100
53 0.1 69.4 104.2#
89 0.0 39.8 59.6#



#93
1,2,4-Trichlorobenzene
Concen: 2.288 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion:180 Resp: 471
Ion Ratio Lower Upper
180 100
182 89.4 46.9 140.7
145 0.0 14.1 42.3#

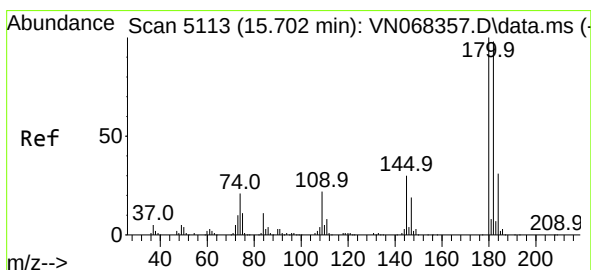
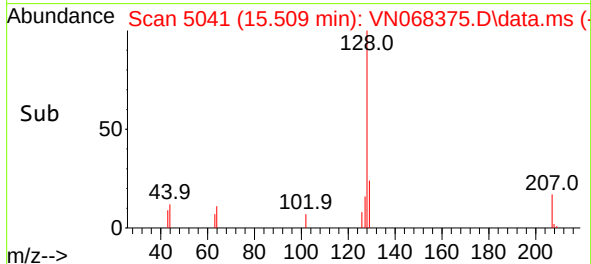
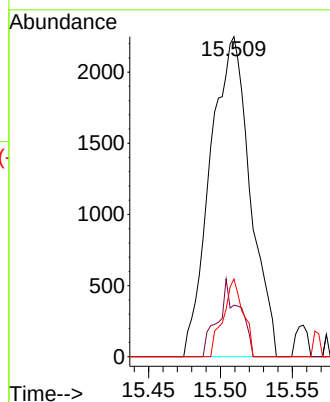
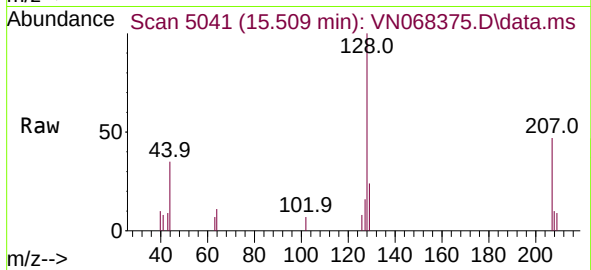




#95
Naphthalene
Concen: 2.669 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 4334
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 12.1 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.058 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN068375.D
Acq: 31 Aug 2021 17:34

Tgt Ion:180 Resp: 350
Ion Ratio Lower Upper
180 100
182 67.4 47.5 142.6
145 26.0 14.7 44.1

