

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069277.D
 Acq On : 29 Oct 2021 3:53
 Operator : JC/MD
 Sample : M4338-25
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 29 07:57:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

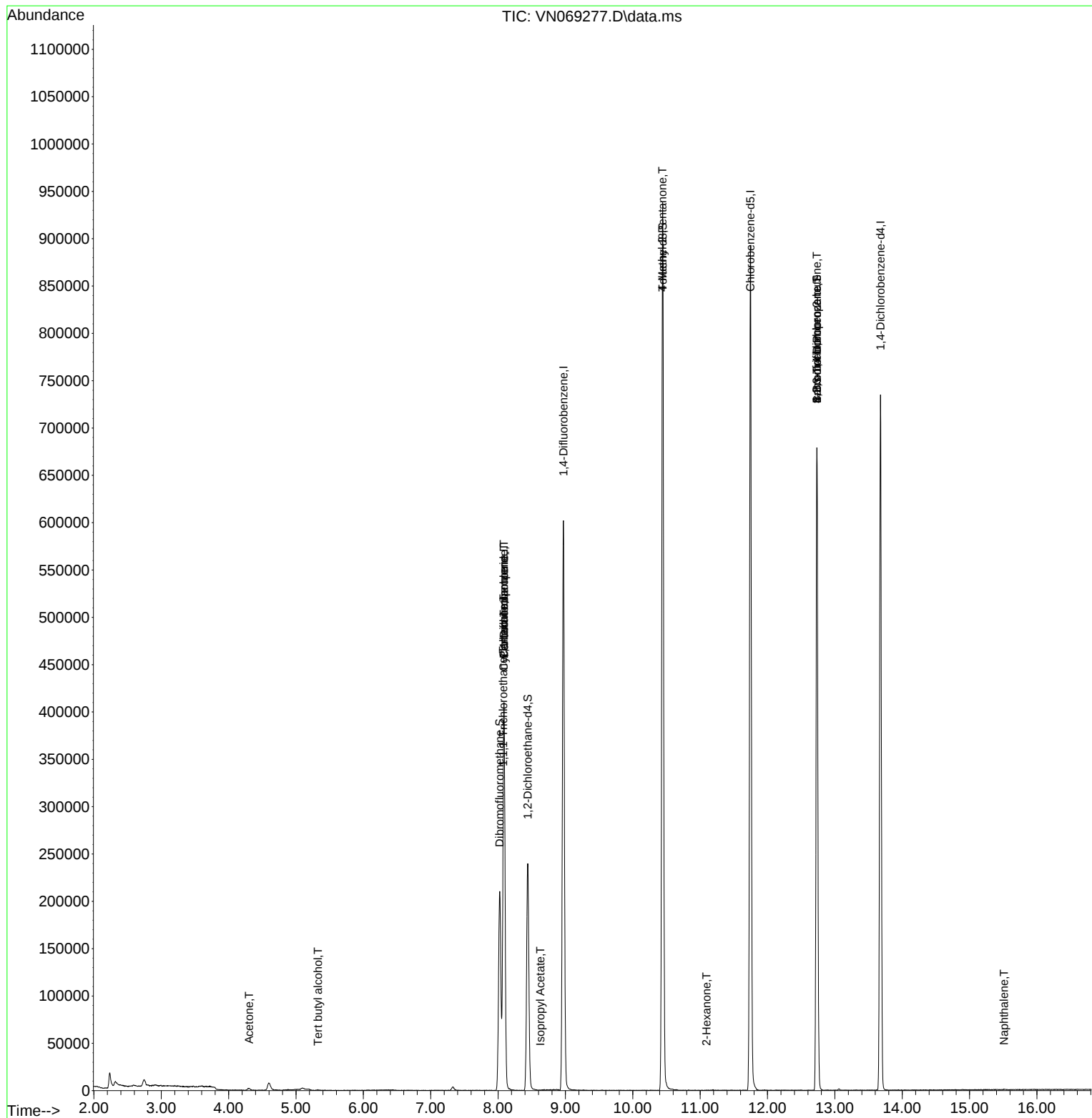
Internal Standards						
1) Pentafluorobenzene	8.086	168	303893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	532947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	527946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	206595	47.094	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.180%		
35) Dibromofluoromethane	8.024	113	156094	46.985	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.960%		
50) Toluene-d8	10.443	98	673374	50.694	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.380%		
62) 4-Bromofluorobenzene	12.733	95	245661	49.010	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	1101	Below Cal	#	87
11) Tert butyl alcohol	5.326	59	102	13.520	ug/l #	72
16) Acetone	4.304	43	4024	2.153	ug/l	96
31) Cyclohexane	8.083	56	7325	1.248	ug/l #	5
32) 1,1,1-Trichloroethane	8.075	97	24	0.878	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	25399	5.528	ug/l #	49
38) Carbon Tetrachloride	8.088	117	32372	7.079	ug/l #	16
43) Isopropyl Acetate	8.627	43	49	0.464	ug/l #	55
51) 4-Methyl-2-Pentanone	10.440	43	3023	6.898	ug/l #	1
59) 2-Hexanone	11.095	43	174	8.037	ug/l #	25
71) Bromoform	12.733	173	1052	3.176	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	132910	25.573	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	132910	73.149	ug/l #	12
95) Naphthalene	15.509	128	652	3.369	ug/l #	69

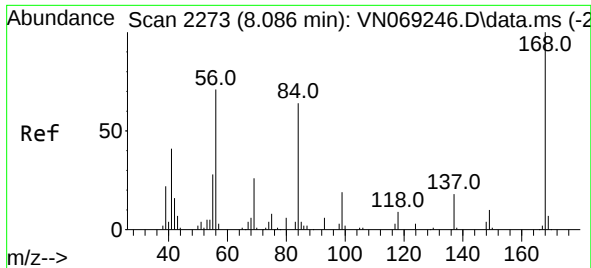
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 29 07:57:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
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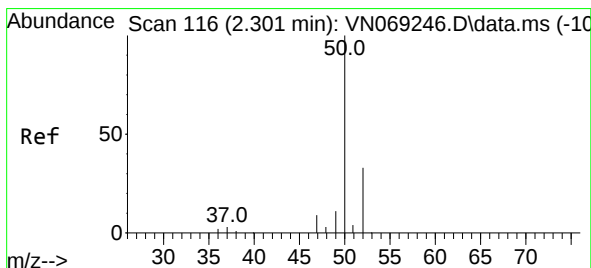
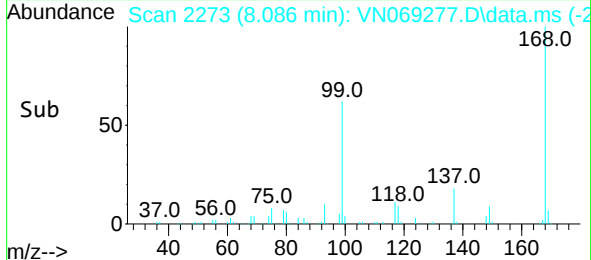
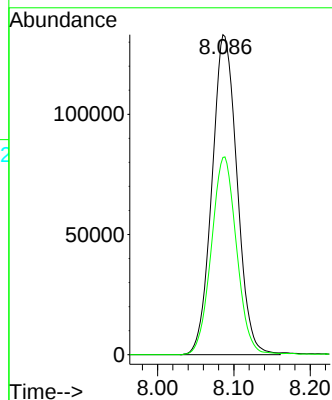
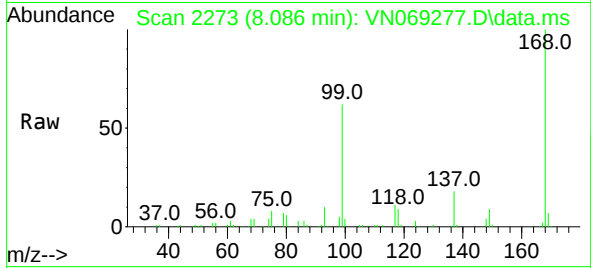




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.000 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

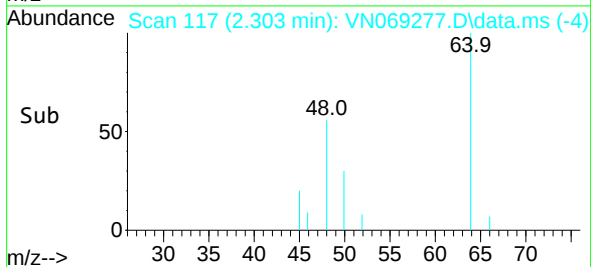
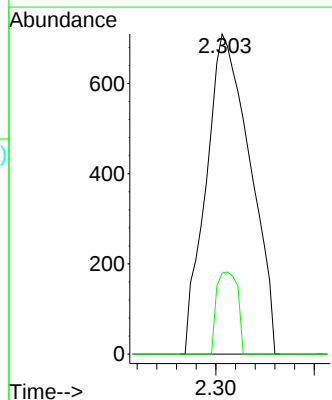
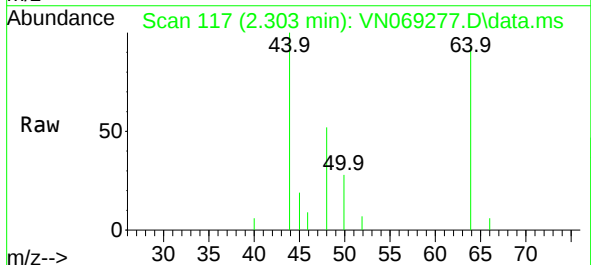
Instrument :
MSVOA_D
ClientSampleId :

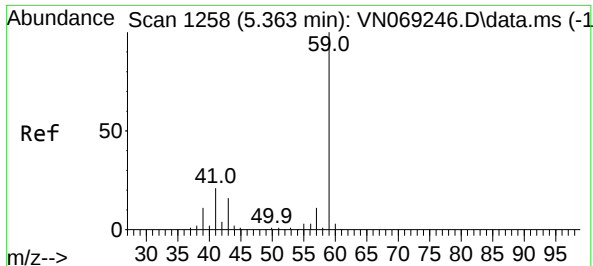
Tgt Ion:168 Resp: 303893
Ion Ratio Lower Upper
168 100
99 61.6 48.9 73.3



#3
Chloromethane
Concen: Below Cal
RT: 2.303 min Scan# 117
Delta R.T. 0.002 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 50 Resp: 1101
Ion Ratio Lower Upper
50 100
52 25.4 26.3 39.5#



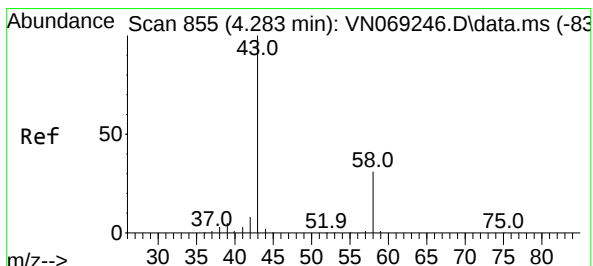
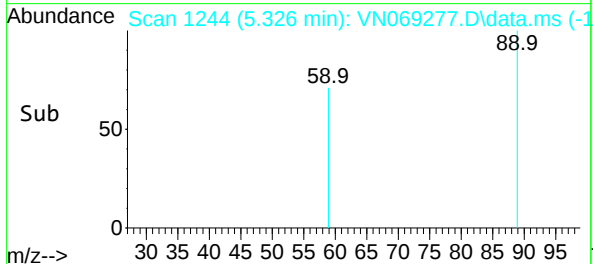
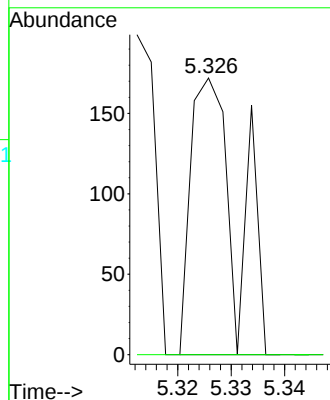
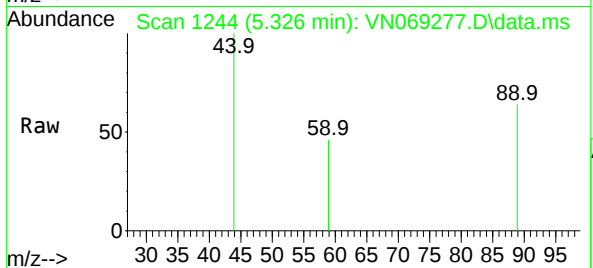


#11

Tert butyl alcohol
Concen: 13.520 ug/l
RT: 5.326 min Scan# 1244
Delta R.T. -0.037 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Instrument :
MSVOA_D
ClientSampleId :

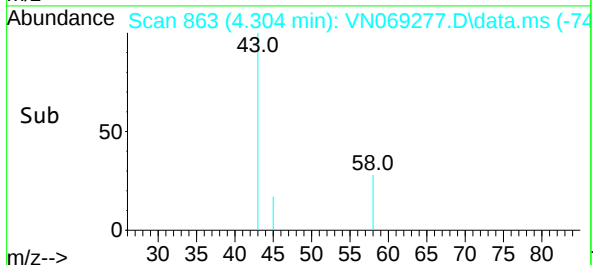
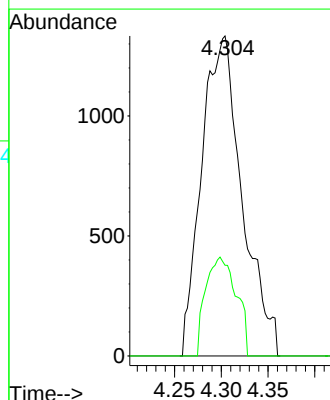
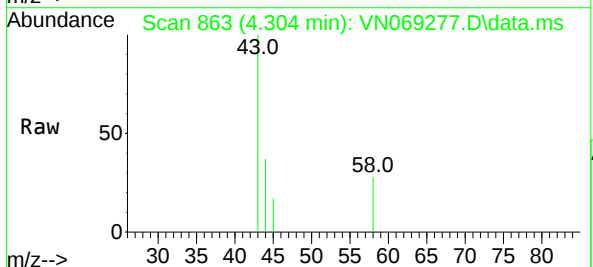
Tgt Ion: 59 Resp: 102
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

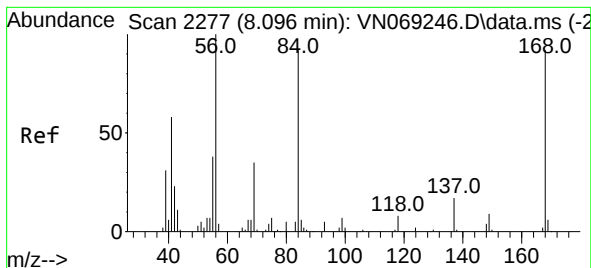


#16

Acetone
Concen: 2.153 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.021 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 43 Resp: 4024
Ion Ratio Lower Upper
43 100
58 28.4 24.5 36.7

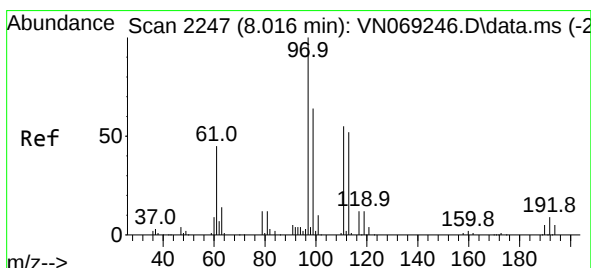
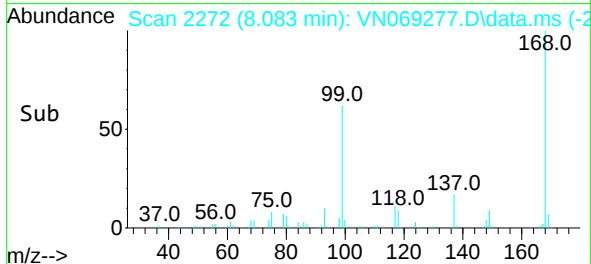
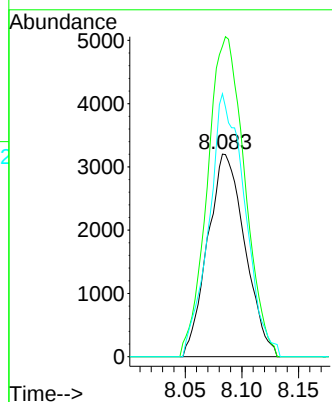
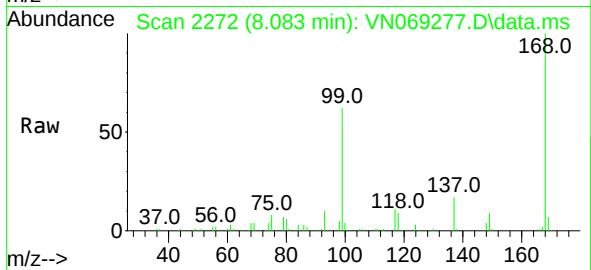




#31
Cyclohexane
Concen: 1.248 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.013 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

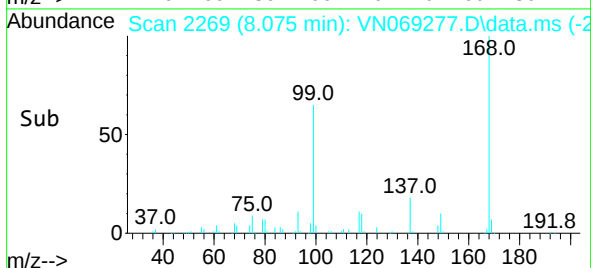
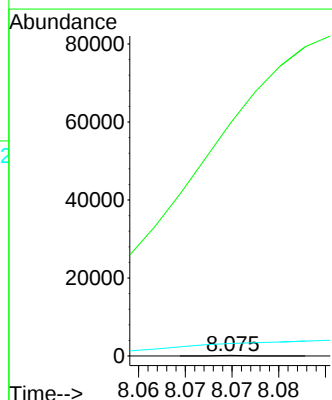
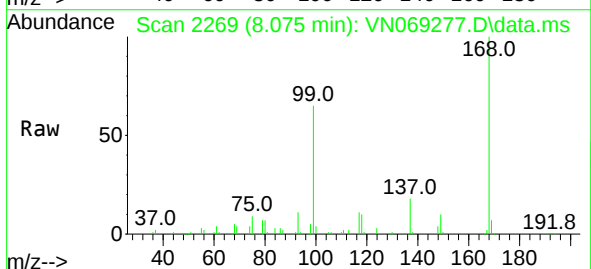
Instrument :
MSVOA_D
ClientSampleId :

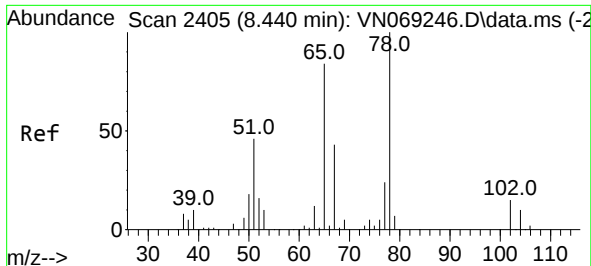
Tgt Ion: 56 Resp: 7325
Ion Ratio Lower Upper
56 100
69 153.2 26.9 40.3#
84 129.7 67.6 101.4#



#32
1,1,1-Trichloroethane
Concen: 0.878 ug/l
RT: 8.075 min Scan# 2269
Delta R.T. 0.059 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 97 Resp: 24
Ion Ratio Lower Upper
97 100
99 786754.2 50.8 76.2#
61 38400.0 34.6 51.8#



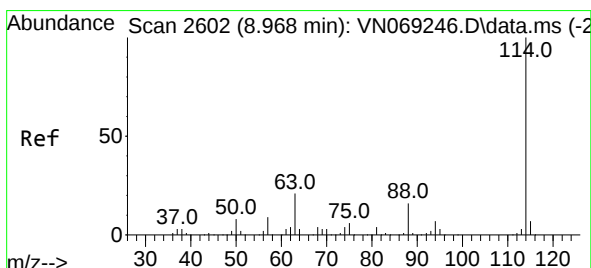
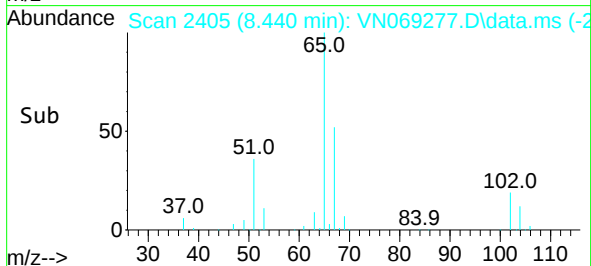
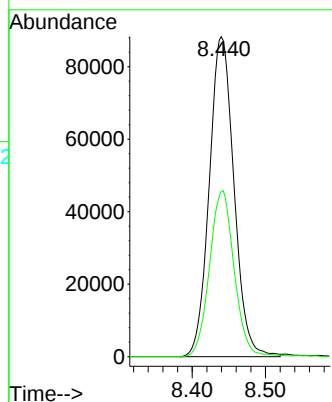
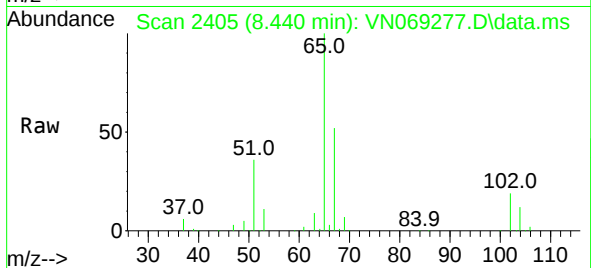


#33

1,2-Dichloroethane-d4
Concen: 47.094 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Instrument :
MSVOA_D
ClientSampleId :

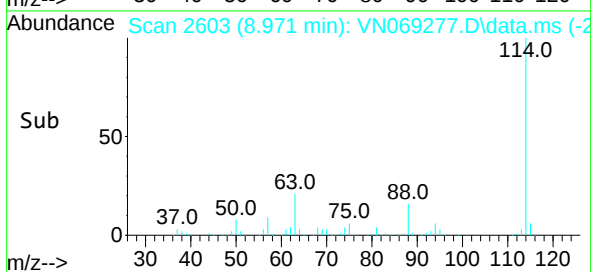
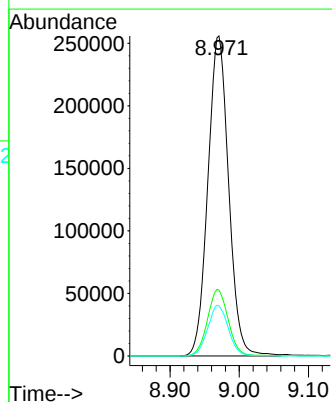
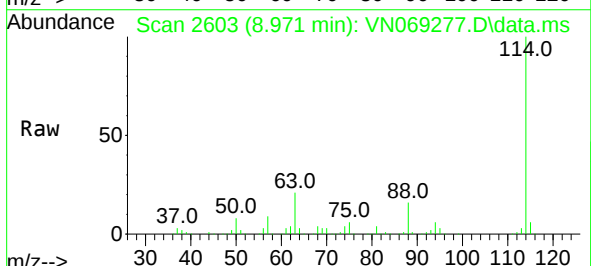
Tgt Ion: 65 Resp: 206595
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.8

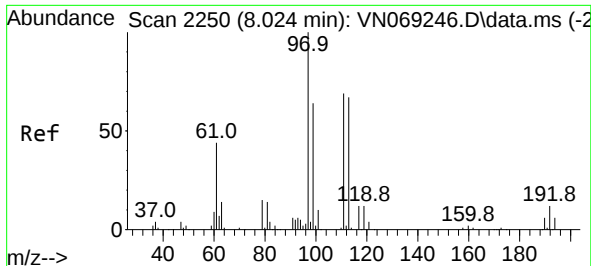


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 114 Resp: 532947
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.6
88 15.7 0.0 32.0

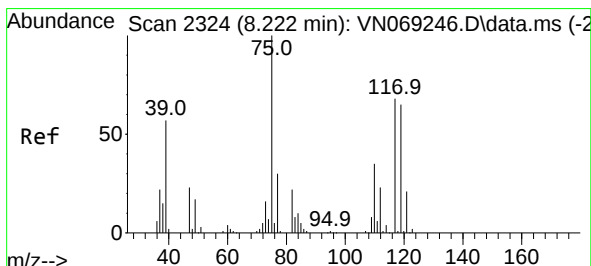
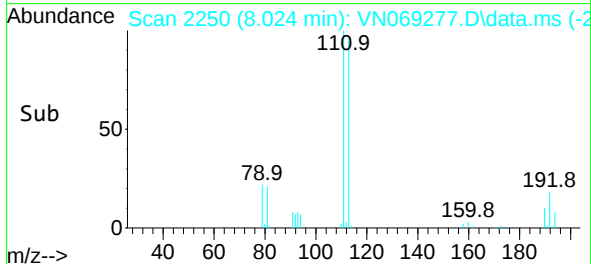
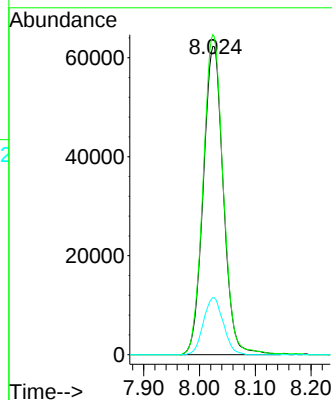
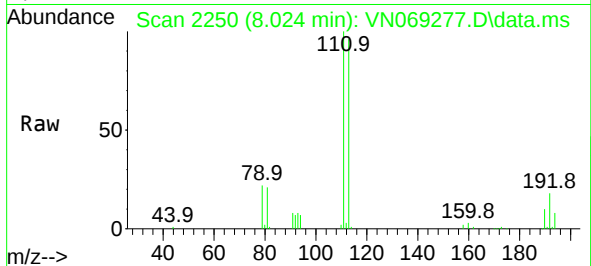




#35
Dibromofluoromethane
Concen: 46.985 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

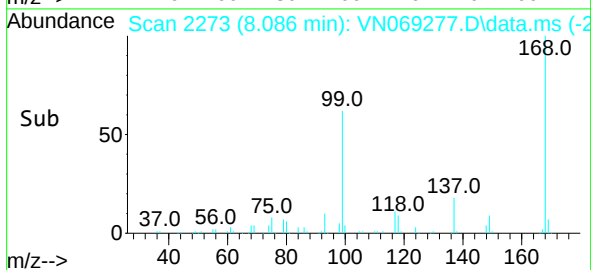
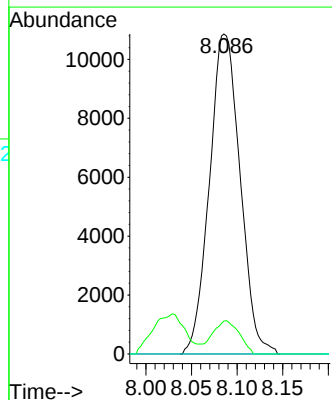
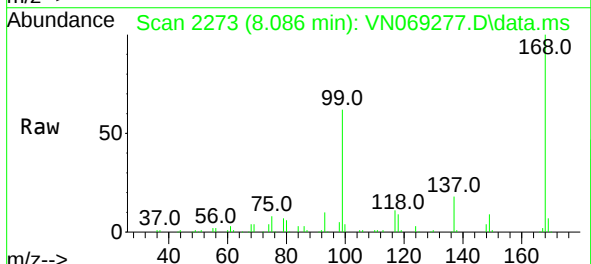
Instrument :
MSVOA_D
ClientSampleId :

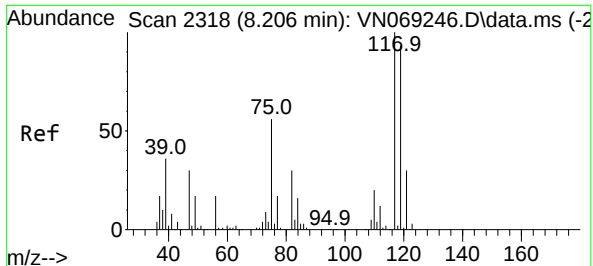
Tgt Ion:113 Resp: 156094
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 18.3 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.528 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

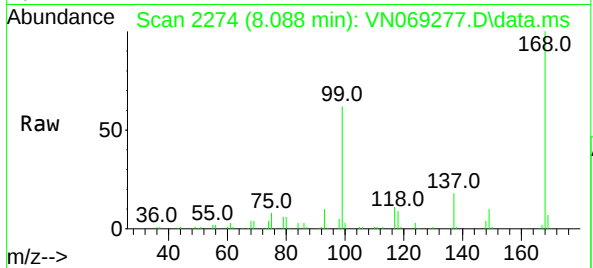
Tgt Ion: 75 Resp: 25399
Ion Ratio Lower Upper
75 100
110 9.0 17.9 53.8#
77 0.0 24.7 37.1#



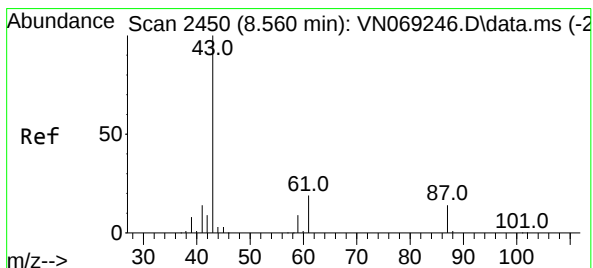
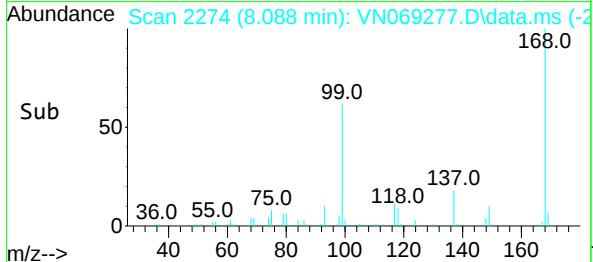
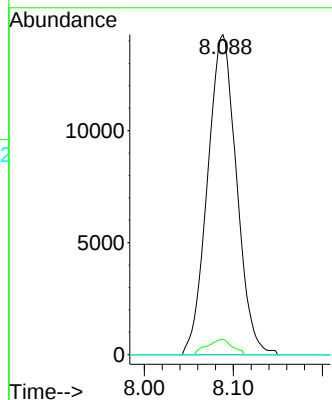


#38
Carbon Tetrachloride
Concen: 7.079 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Instrument :
MSVOA_D
ClientSampleId :

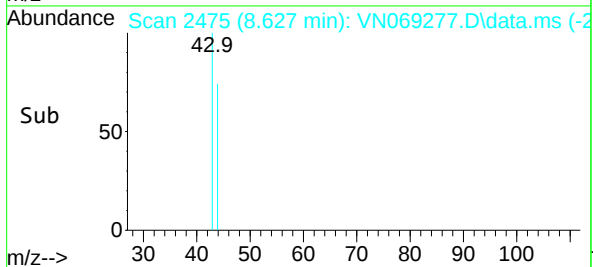
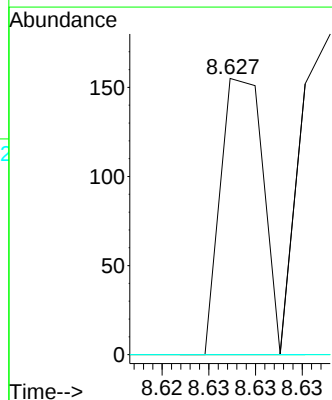
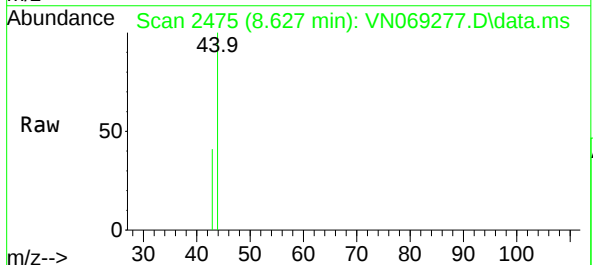


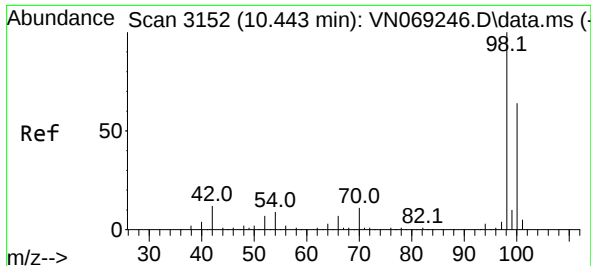
Tgt Ion:117 Resp: 32372
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.464 ug/l
RT: 8.627 min Scan# 2475
Delta R.T. 0.067 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 43 Resp: 49
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

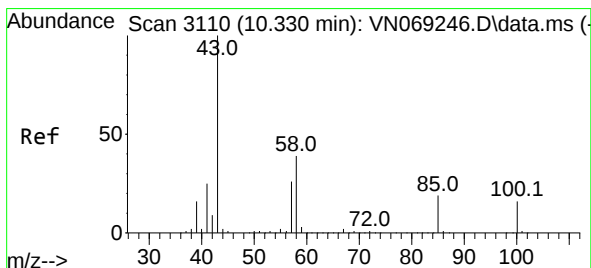
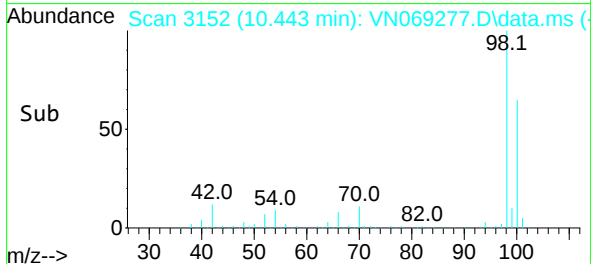
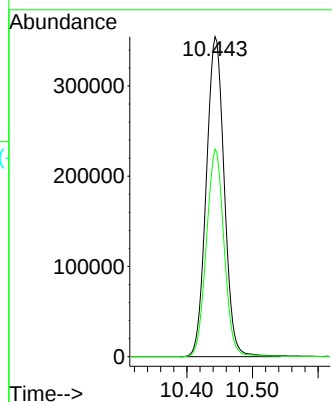
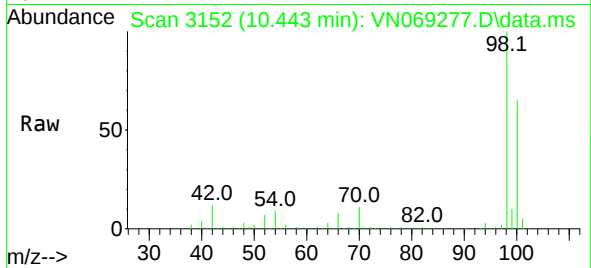




#50
Toluene-d8
Concen: 50.694 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

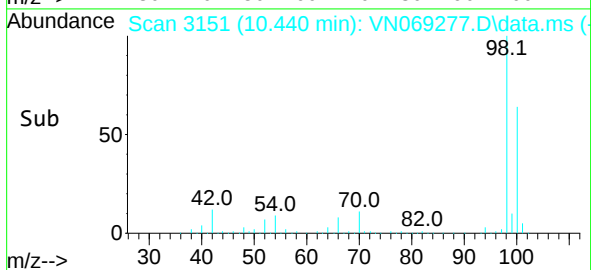
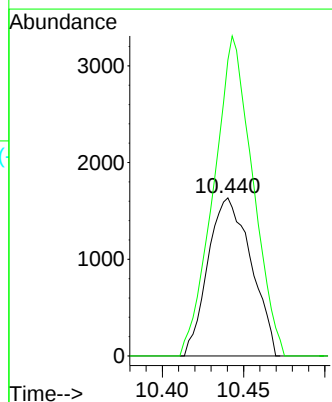
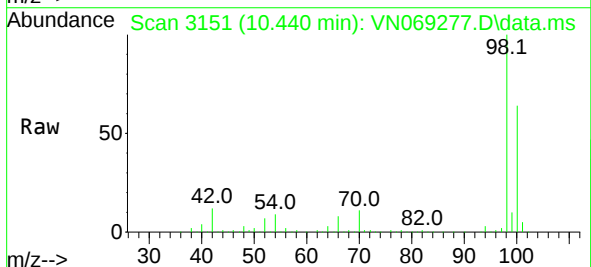
Instrument :
MSVOA_D
ClientSampleId :

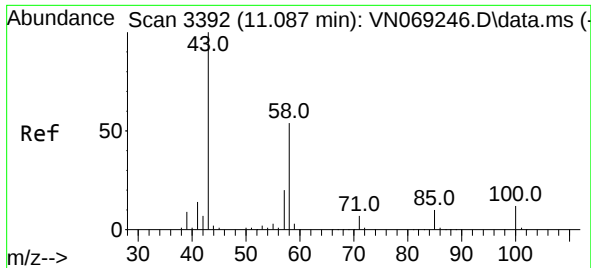
Tgt Ion: 98 Resp: 673374
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 6.898 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.110 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 43 Resp: 3023
Ion Ratio Lower Upper
43 100
58 183.1 31.0 46.4#

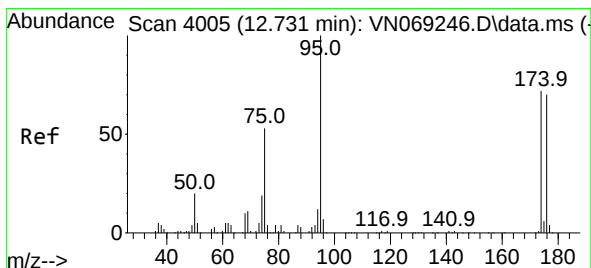
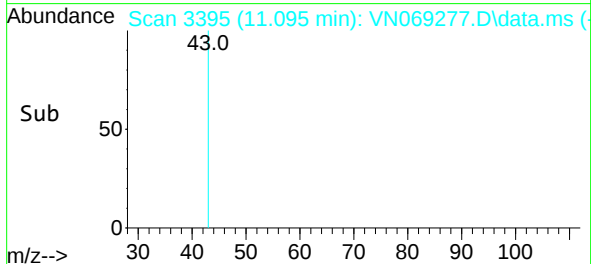
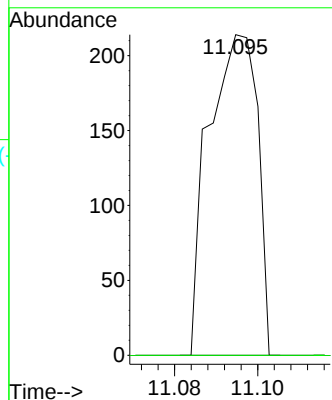
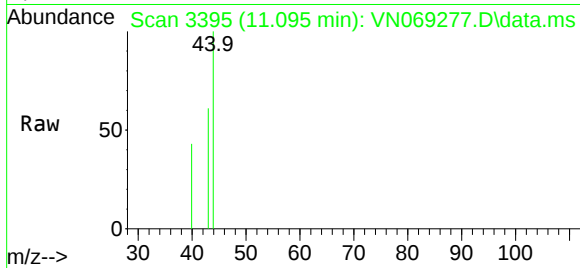




#59
2-Hexanone
Concen: 8.037 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

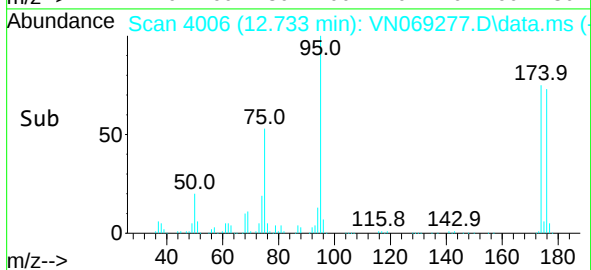
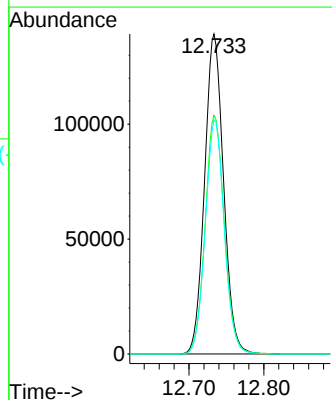
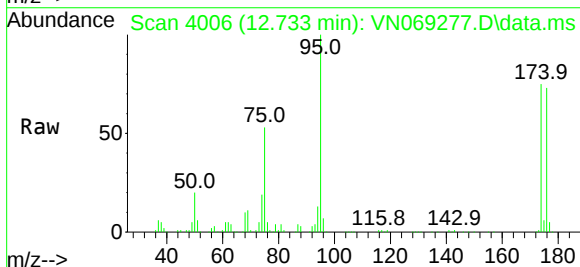
Instrument :
MSVOA_D
ClientSampled :

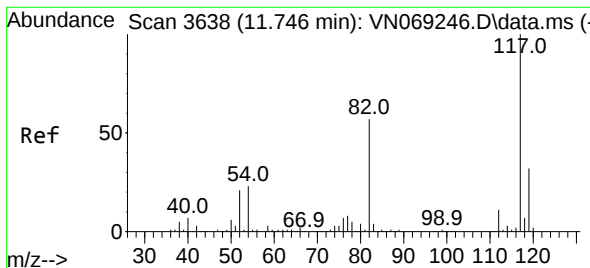
Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 49.010 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 95 Resp: 245661
Ion Ratio Lower Upper
95 100
174 75.5 0.0 144.8
176 73.1 0.0 140.0

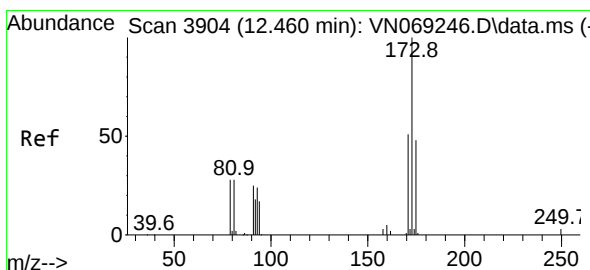
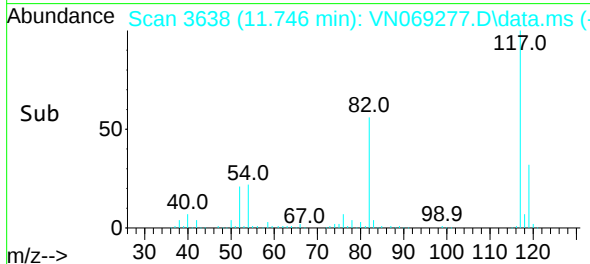
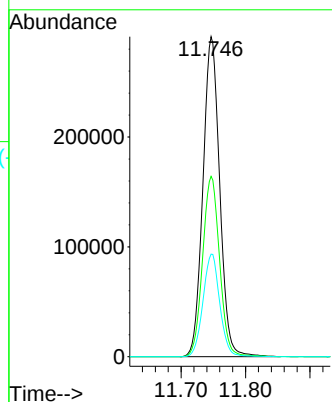
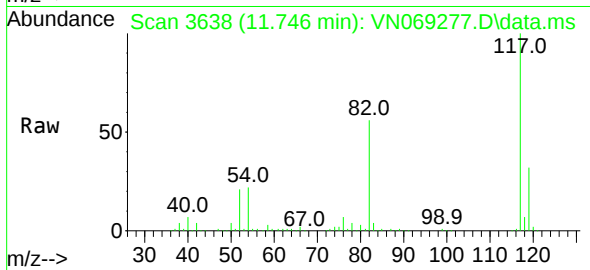




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

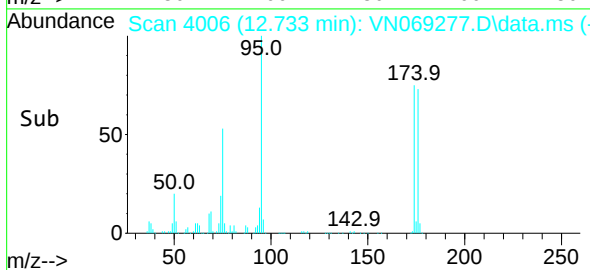
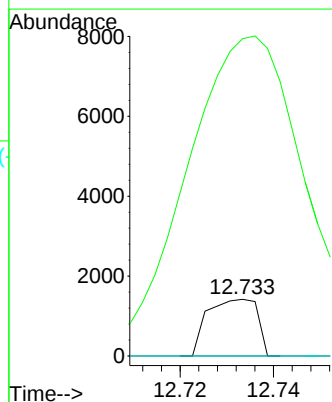
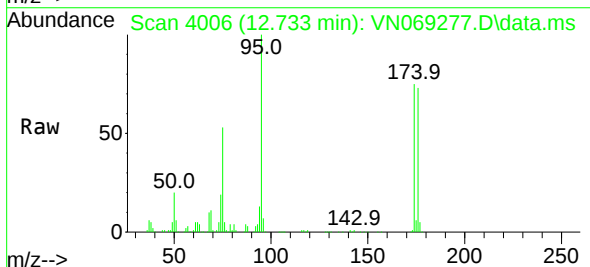
Instrument :
MSVOA_D
ClientSampleId :

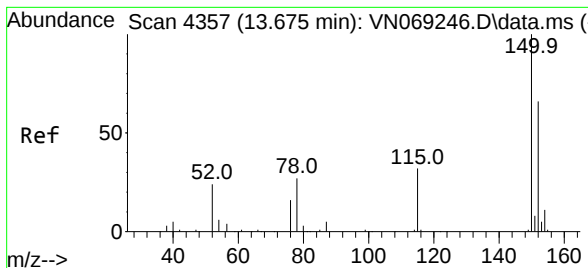
Tgt Ion:117 Resp: 527946
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 32.1 26.0 39.0



#71
Bromoform
Concen: 3.176 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.273 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion:173 Resp: 1052
Ion Ratio Lower Upper
173 100
175 1250.3 23.8 71.5#
254 0.0 0.0 0.0

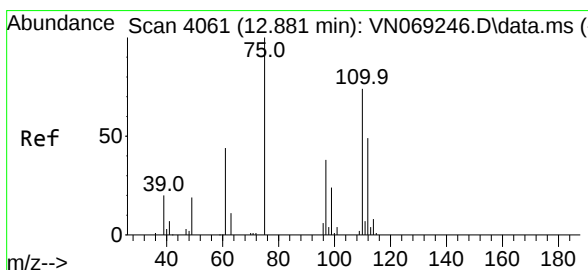
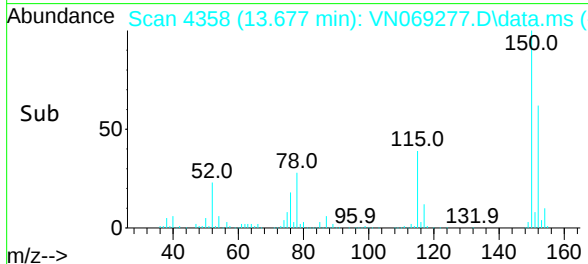
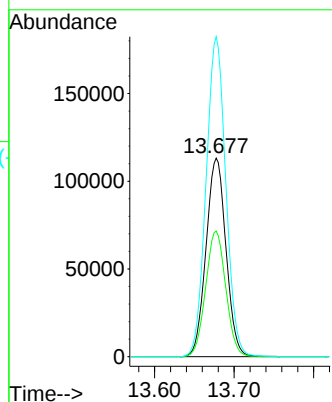
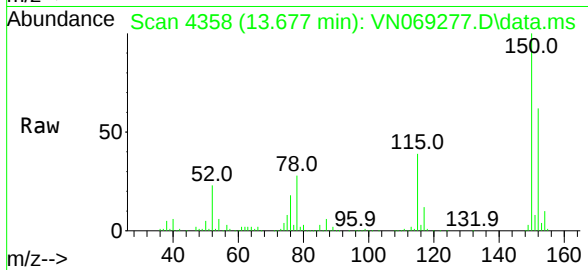




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.002 min
 Lab File: VN069277.D
 Acq: 29 Oct 2021 3:53

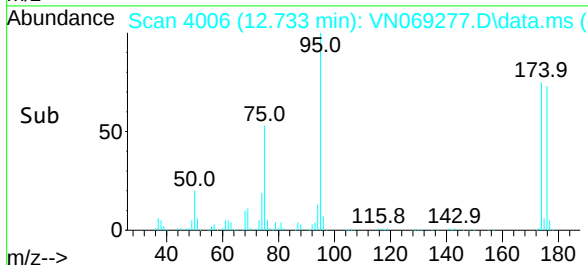
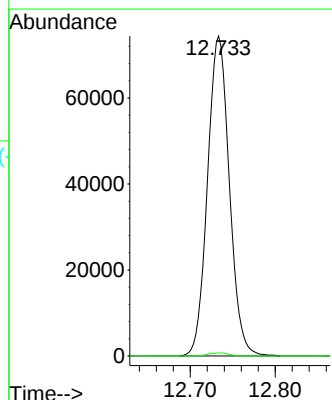
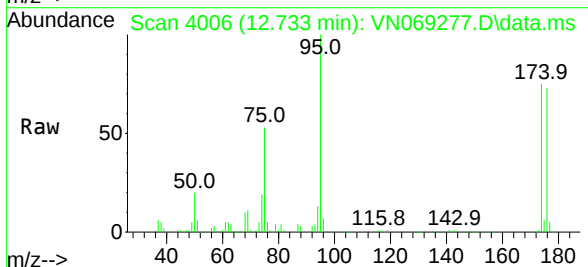
Instrument :
 MSVOA_D
 ClientSampled :

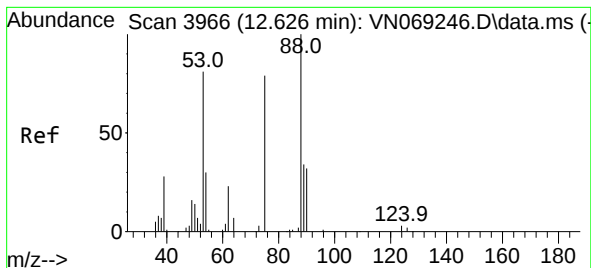
Tgt Ion:152 Resp: 197607
 Ion Ratio Lower Upper
 152 100
 115 63.7 31.4 94.3
 150 159.1 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 25.573 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069277.D
 Acq: 29 Oct 2021 3:53

Tgt Ion: 75 Resp: 132910
 Ion Ratio Lower Upper
 75 100
 77 0.9 96.2 288.4#

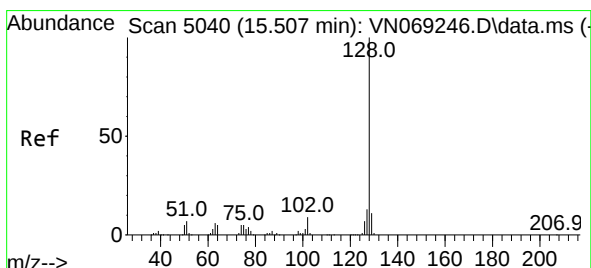
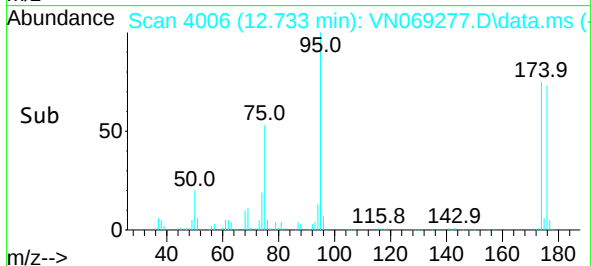
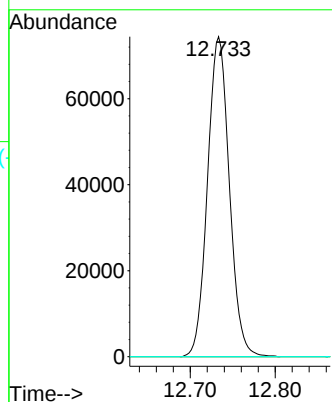
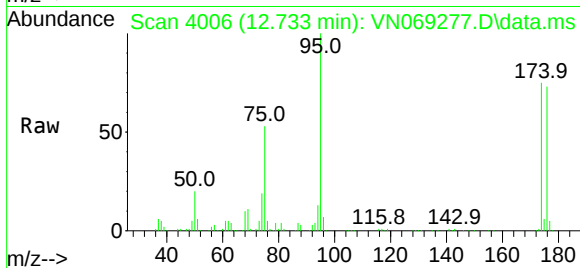




#81
trans-1,4-Dichloro-2-butene
Concen: 73.149 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 132910
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.369 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069277.D
Acq: 29 Oct 2021 3:53

Tgt Ion: 128 Resp: 652
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

