

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102021\
 Data File : VN069059.D
 Acq On : 20 Oct 2021 14:05
 Operator : JC/MD
 Sample : M4286-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 16:41:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

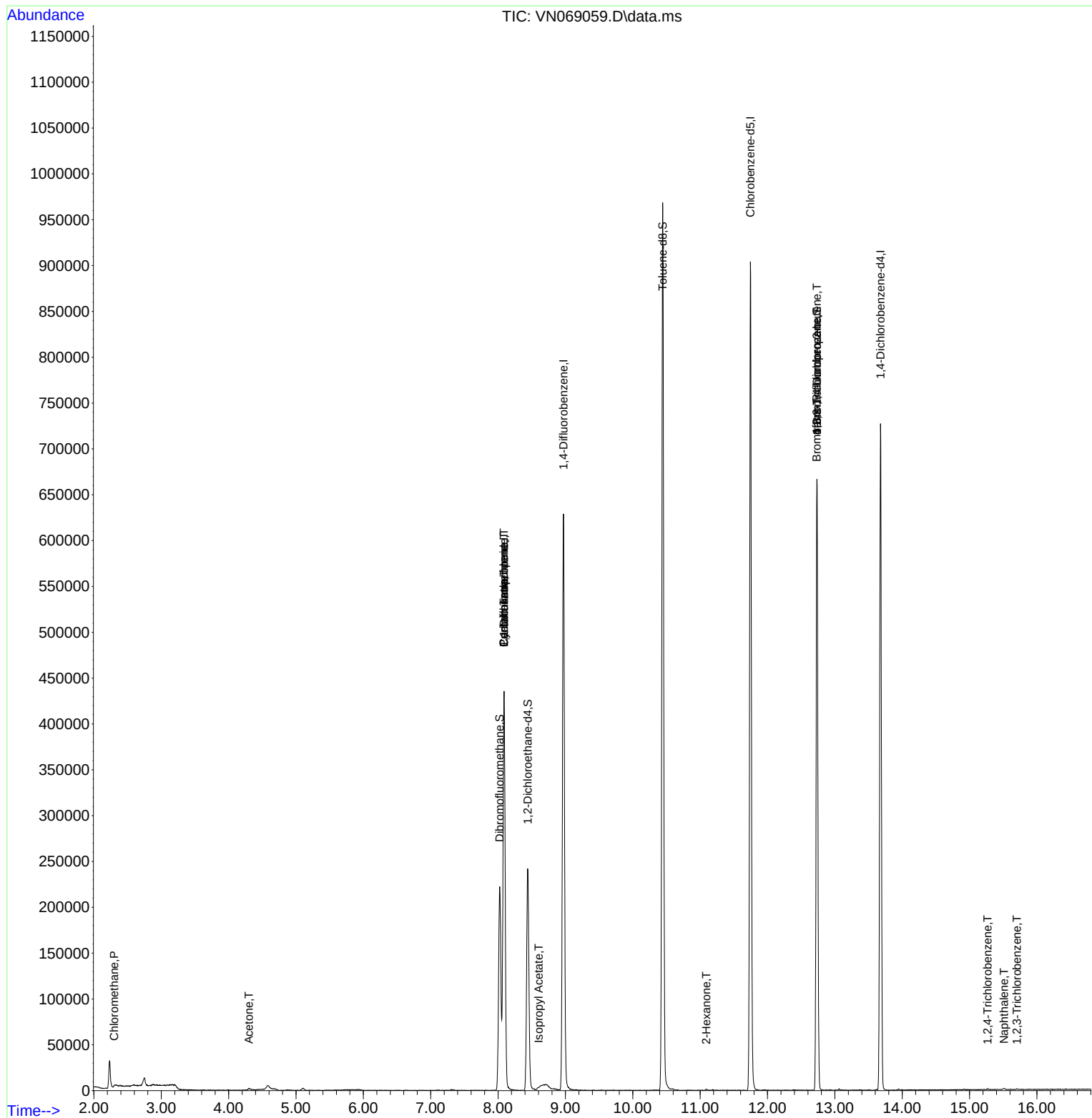
Internal Standards						
1) Pentafluorobenzene	8.088	168	327778	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	565370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	524630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	192919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	208976	48.356	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.720%
35) Dibromofluoromethane	8.024	113	166828	50.717	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.440%
50) Toluene-d8	10.443	98	697790	53.018	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.040%
62) 4-Bromofluorobenzene	12.733	95	243026	48.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.880%
Target Compounds						
					Qvalue	
3) Chloromethane	2.301	50	1708	0.426	ug/l	94
16) Acetone	4.299	43	1307	0.810	ug/l	97
31) Cyclohexane	8.088	56	7720	1.149	ug/l #	11
36) 1,1-Dichloropropene	8.088	75	27092	5.610	ug/l #	49
38) Carbon Tetrachloride	8.088	117	34111	6.432	ug/l #	16
43) Isopropyl Acetate	8.603	43	1908	0.217	ug/l #	55
59) 2-Hexanone	11.089	43	1066	0.291	ug/l	63
71) Bromoform	12.731	173	747	0.240	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	127006	30.941	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	127006	74.025	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.268	180	546	2.761	ug/l #	73
95) Naphthalene	15.509	128	2367	4.056	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.702	180	528	2.676	ug/l #	73

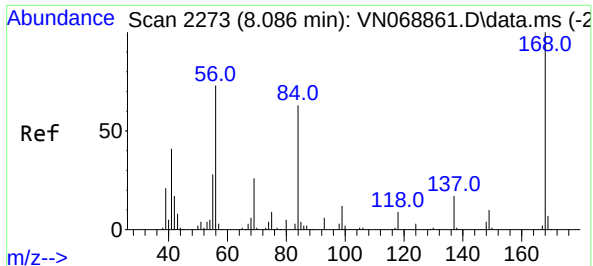
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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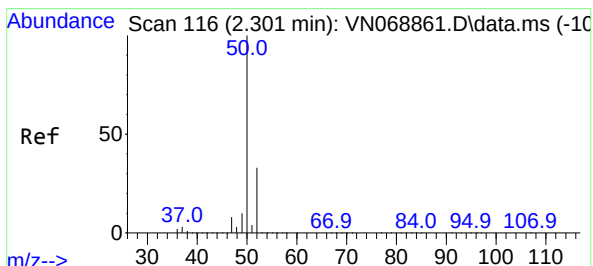
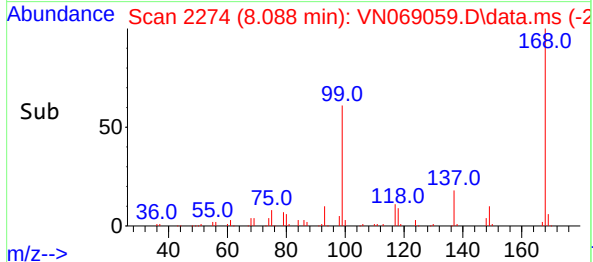
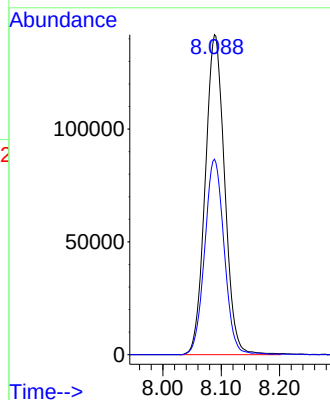
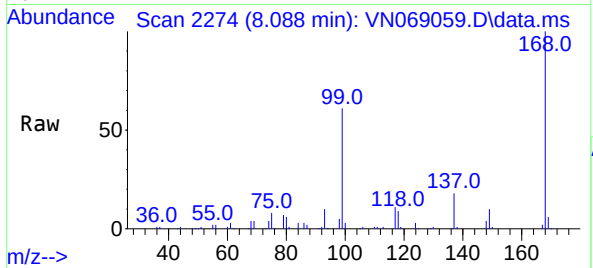




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

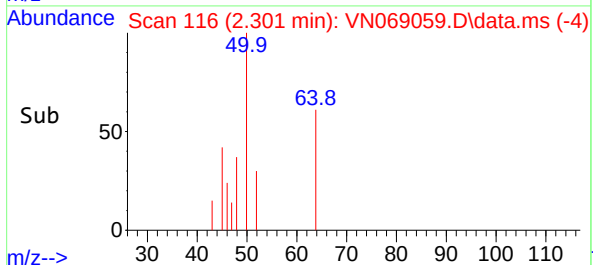
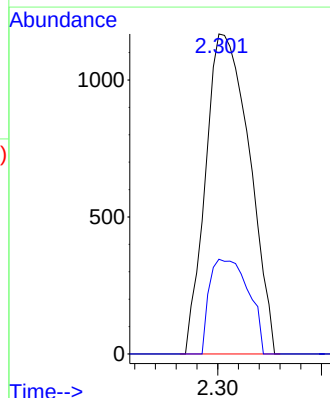
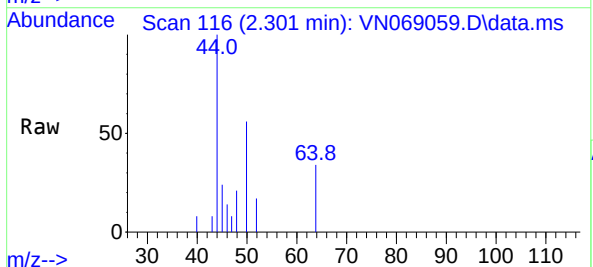
Instrument :
MSVOA_N
ClientSampled :

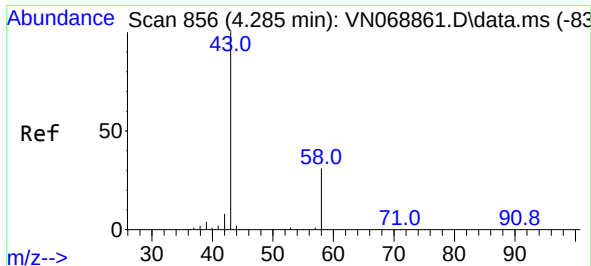
Tgt Ion:168 Resp: 327778
Ion Ratio Lower Upper
168 100
99 61.1 48.9 73.3



#3
Chloromethane
Concen: 0.426 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.000 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Tgt Ion: 50 Resp: 1708
Ion Ratio Lower Upper
50 100
52 29.6 26.3 39.5

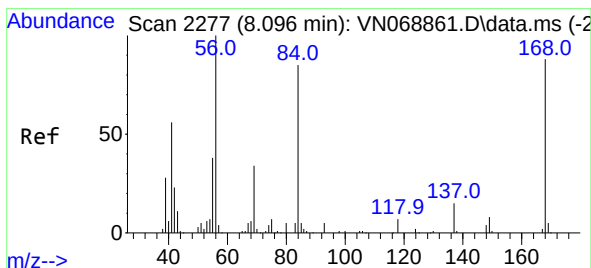
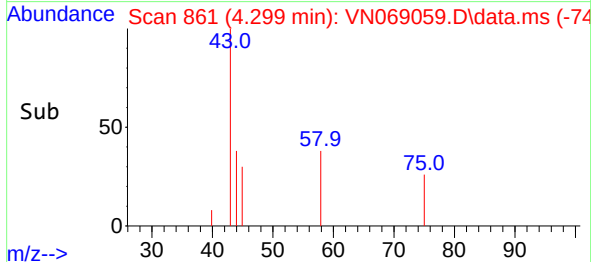
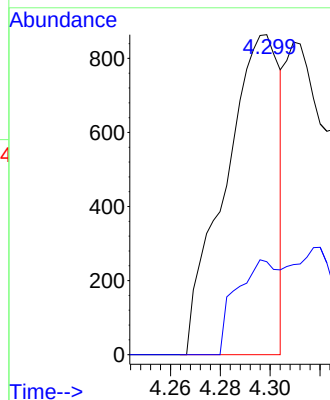
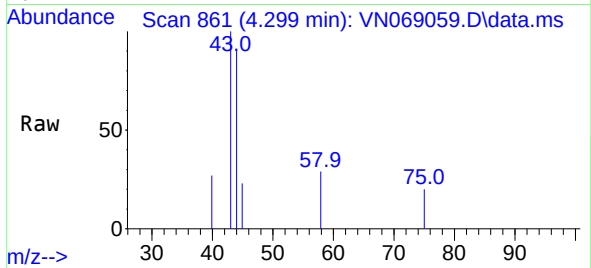




#16
Acetone
Concen: 0.810 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

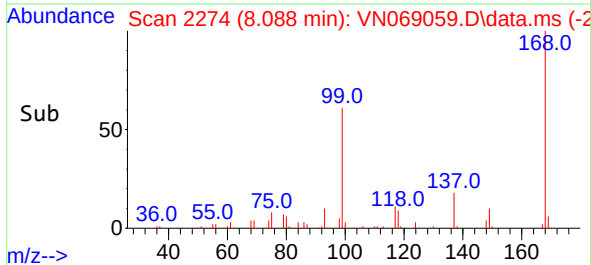
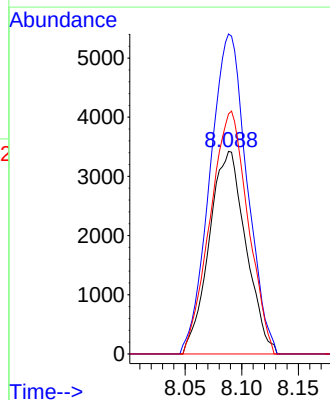
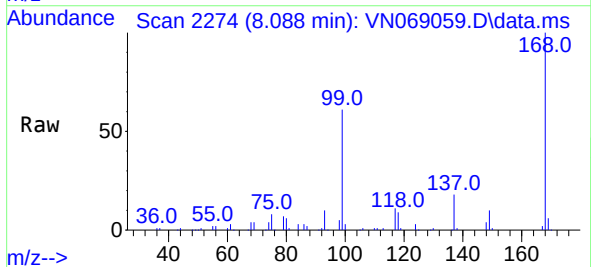
Instrument :
MSVOA_N
ClientSampled :

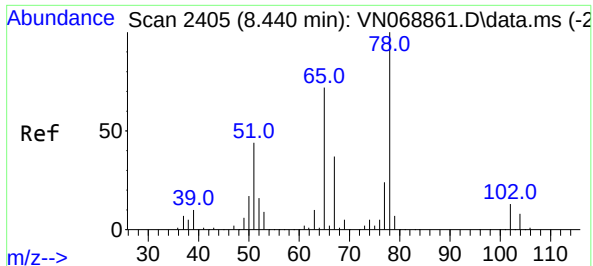
Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
58 29.1 24.5 36.7



#31
Cyclohexane
Concen: 1.149 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Tgt Ion: 56 Resp: 7720
Ion Ratio Lower Upper
56 100
69 158.0 26.9 40.3#
84 118.5 67.6 101.4#



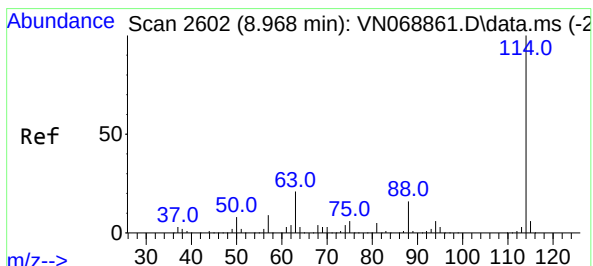
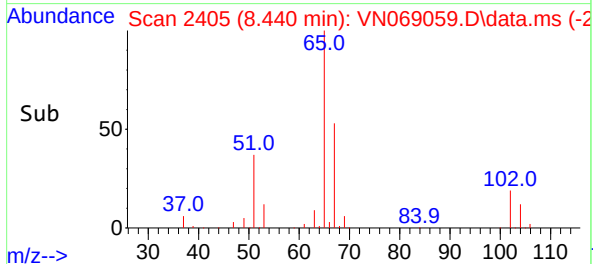
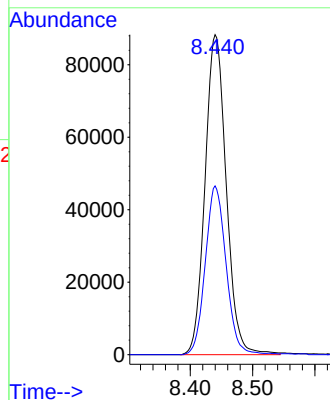
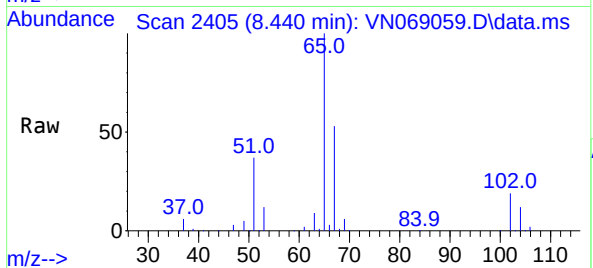


#33

1,2-Dichloroethane-d4
Concen: 48.356 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Instrument :
MSVOA_N
ClientSampleId :

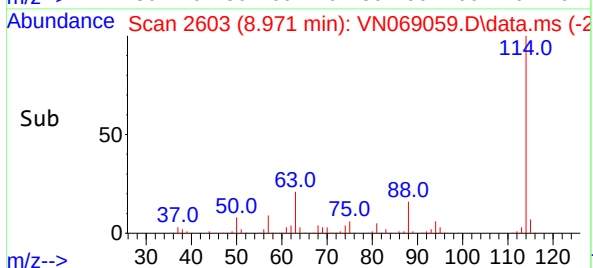
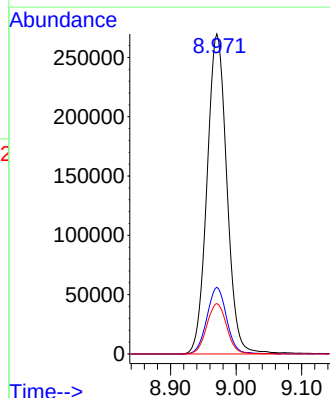
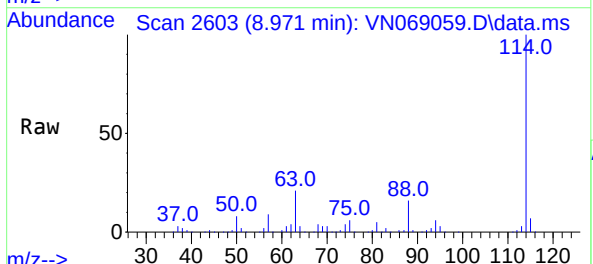
Tgt Ion: 65 Resp: 208976
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

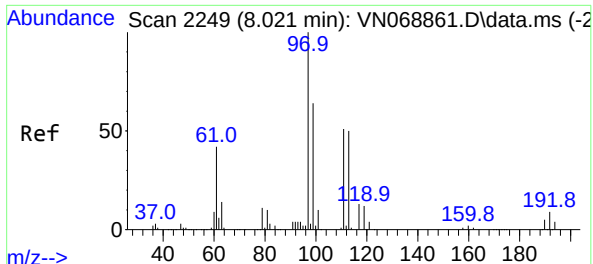


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Tgt Ion: 114 Resp: 565370
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.8 0.0 32.0

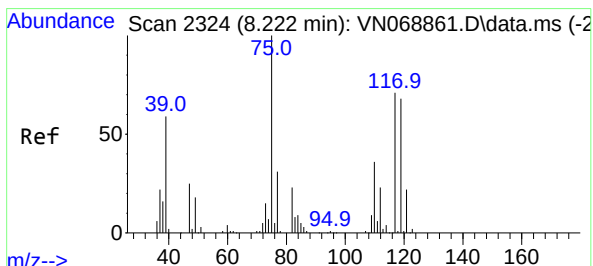
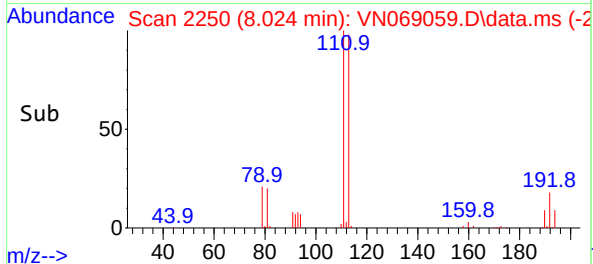
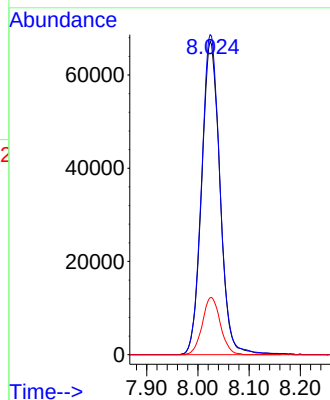
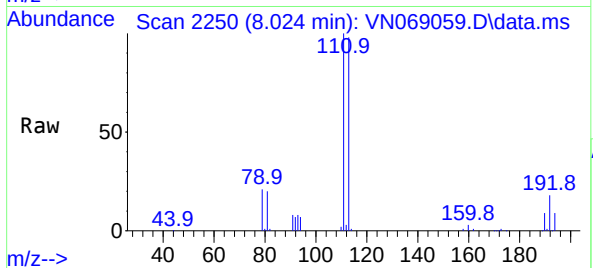




#35
Dibromofluoromethane
Concen: 50.717 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

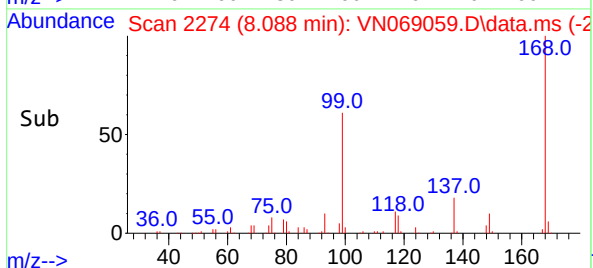
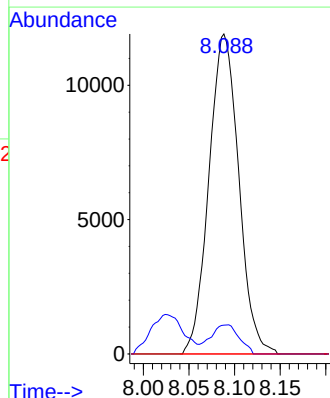
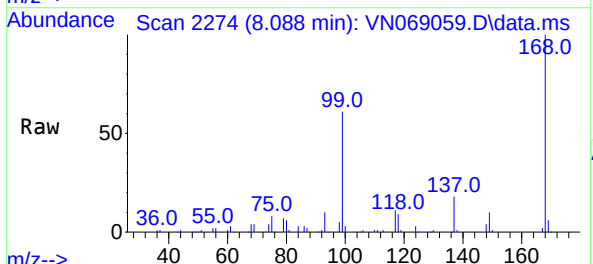
Instrument :
MSVOA_N
ClientSampled :

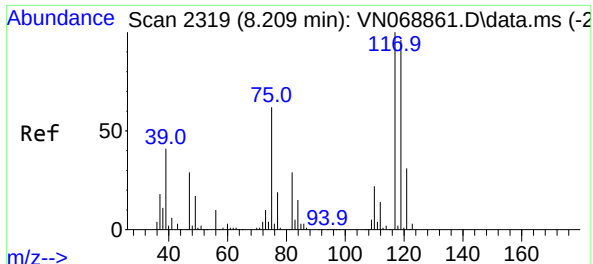
Tgt Ion:113 Resp: 166828
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 18.0 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.610 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

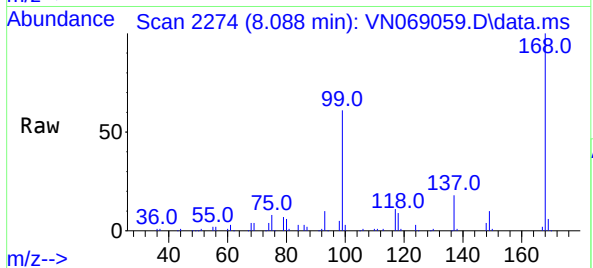
Tgt Ion: 75 Resp: 27092
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



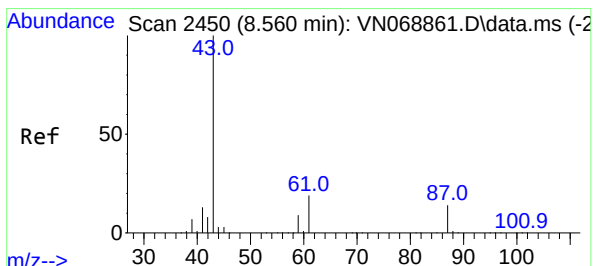
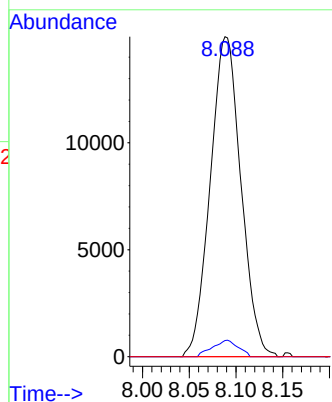
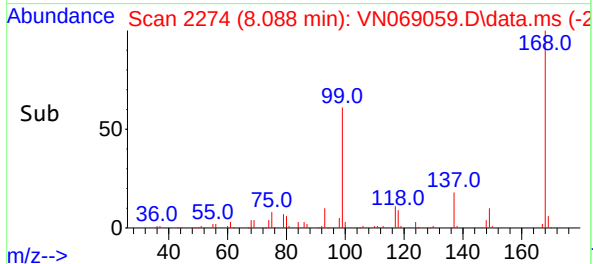


#38
Carbon Tetrachloride
Concen: 6.432 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

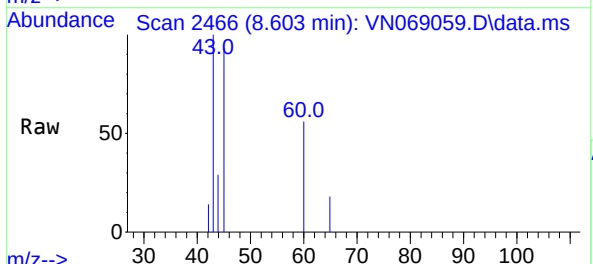
Instrument :
MSVOA_N
ClientSampleId :



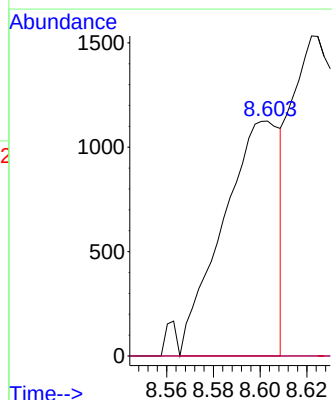
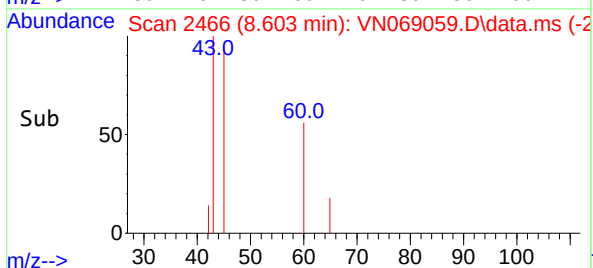
Tgt Ion:117 Resp: 34111
Ion Ratio Lower Upper
117 100
119 5.0 76.9 115.3#
121 0.0 24.6 37.0#

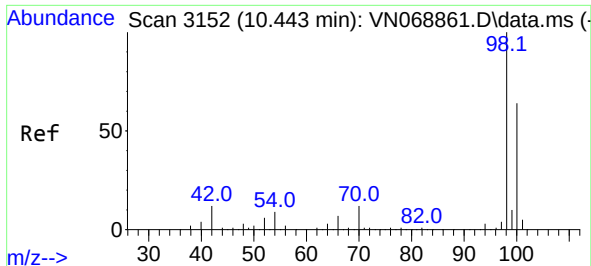


#43
Isopropyl Acetate
Concen: 0.217 ug/l
RT: 8.603 min Scan# 2466
Delta R.T. 0.043 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05



Tgt Ion: 43 Resp: 1908
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#

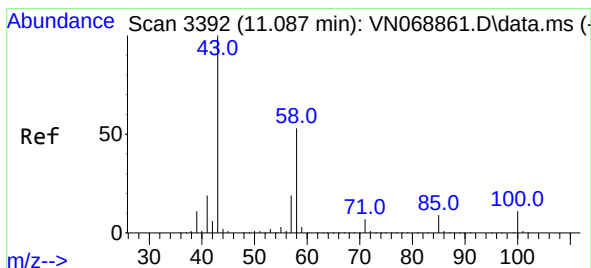
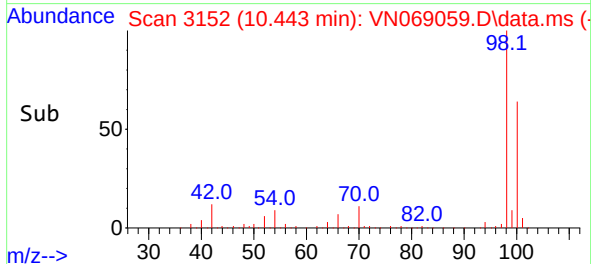
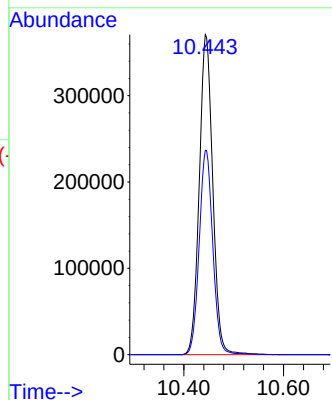
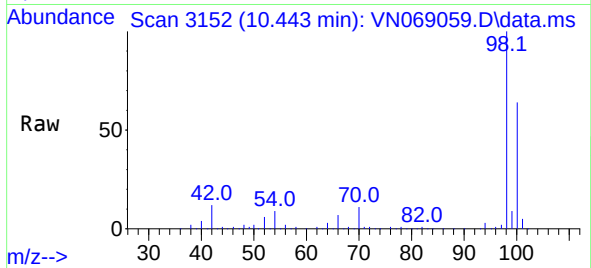




#50
Toluene-d8
Concen: 53.018 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

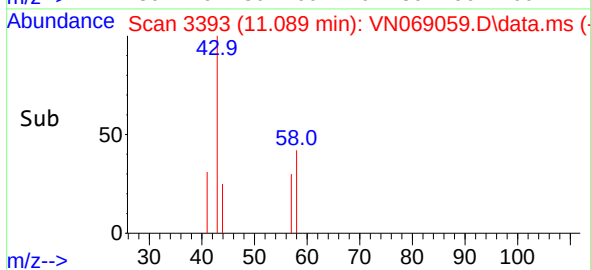
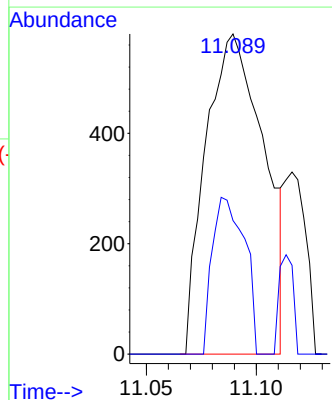
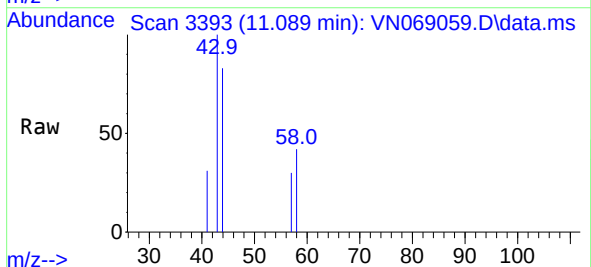
Instrument :
MSVOA_N
ClientSampled :

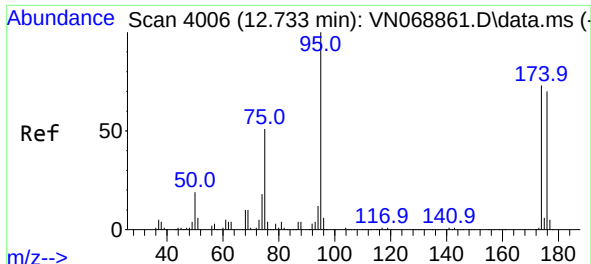
Tgt Ion: 98 Resp: 697790
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



#59
2-Hexanone
Concen: 0.291 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Tgt Ion: 43 Resp: 1066
Ion Ratio Lower Upper
43 100
58 27.2 26.9 80.7

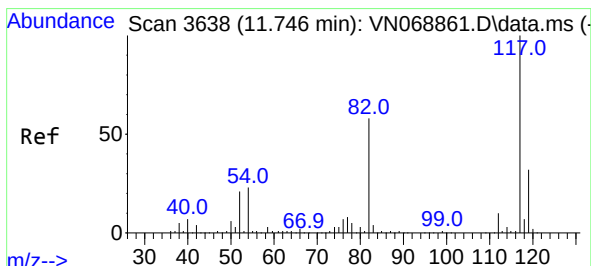
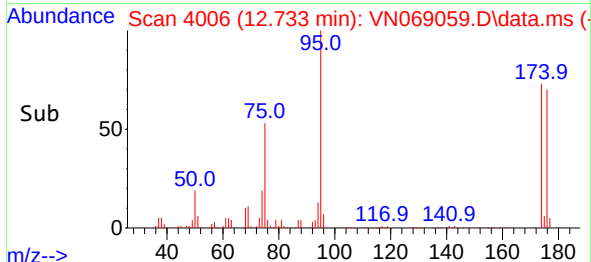
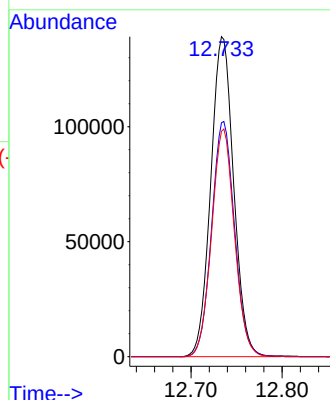
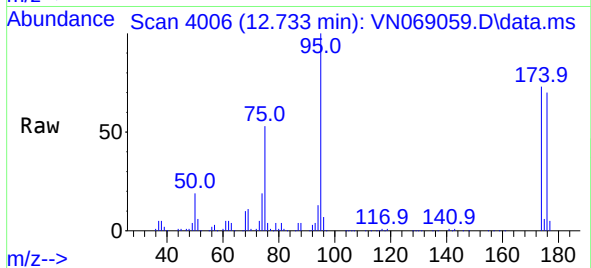




#62
4-Bromofluorobenzene
Concen: 48.942 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

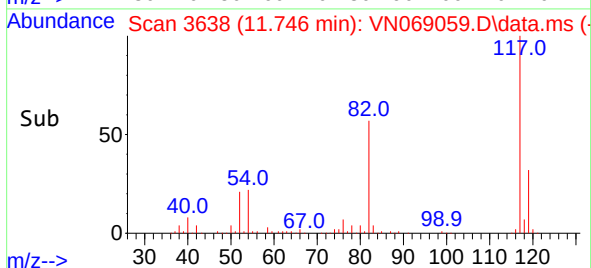
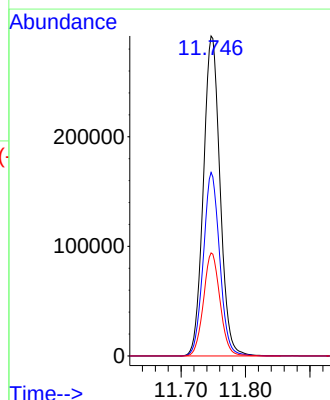
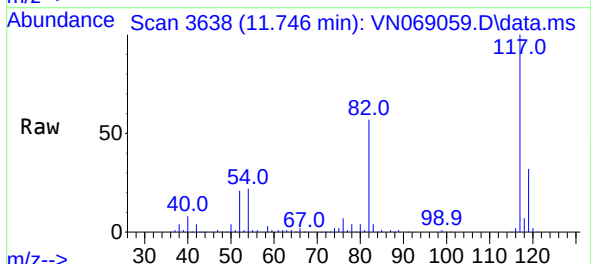
Instrument :
MSVOA_N
ClientSampleId :

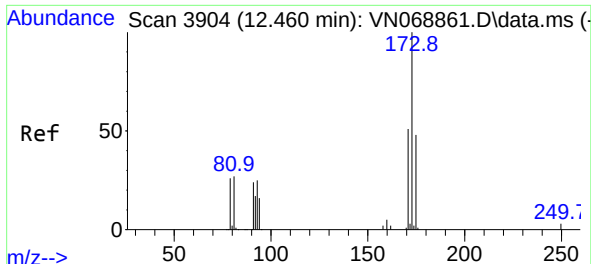
Tgt Ion: 95 Resp: 243026
Ion Ratio Lower Upper
95 100
174 73.7 0.0 144.8
176 70.9 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Tgt Ion: 117 Resp: 524630
Ion Ratio Lower Upper
117 100
82 57.4 46.4 69.6
119 32.2 26.0 39.0

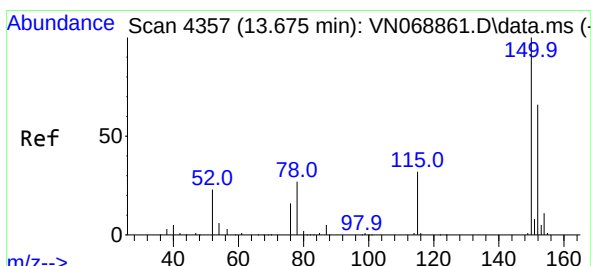
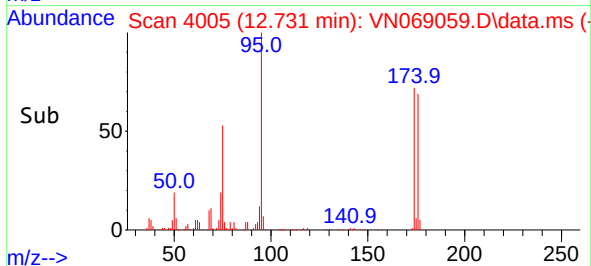
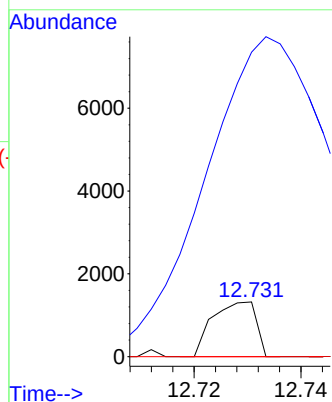
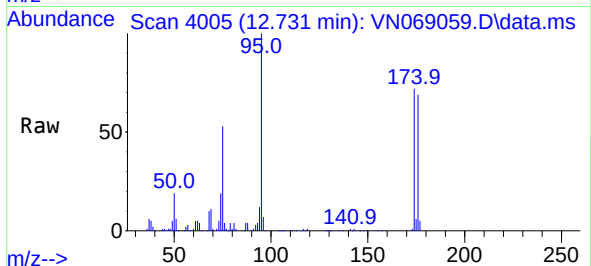




#71
Bromoform
Concen: 0.240 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

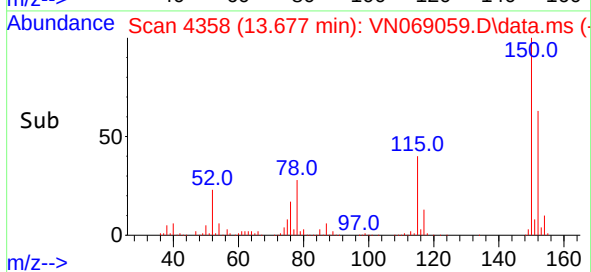
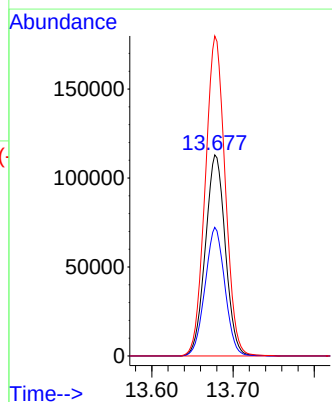
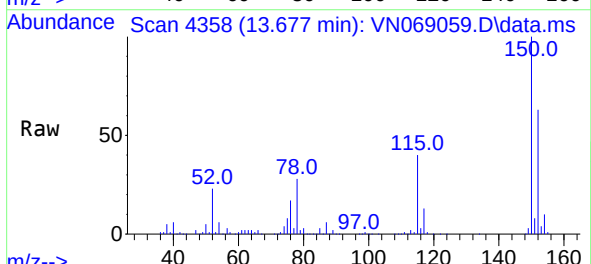
Instrument :
MSVOA_N
ClientSampled :

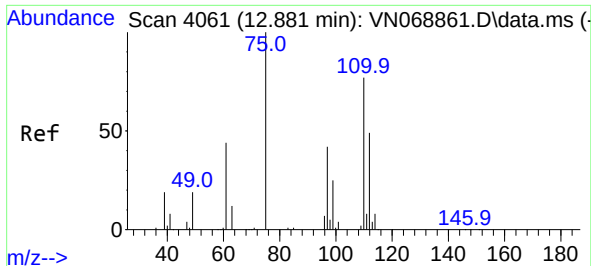
Tgt Ion:173 Resp: 747
Ion Ratio Lower Upper
173 100
175 1639.5 23.8 71.5#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

Tgt Ion:152 Resp: 192919
Ion Ratio Lower Upper
152 100
115 63.4 31.4 94.3
150 158.8 0.0 351.0

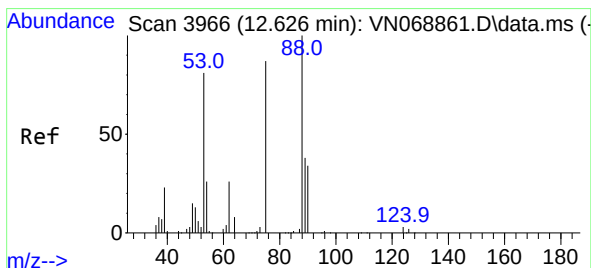
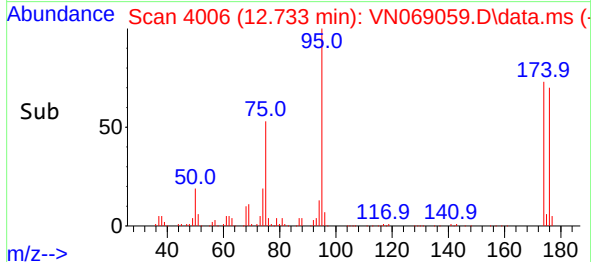
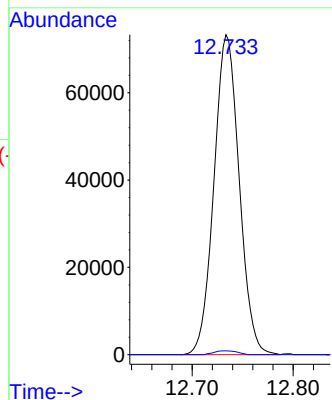
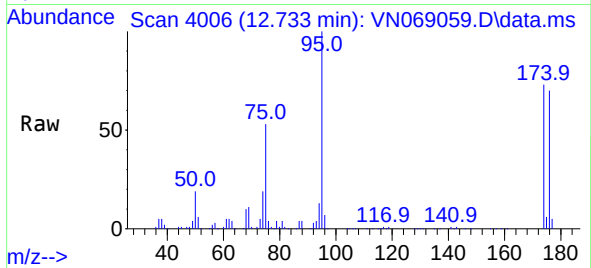




#76
1,2,3-Trichloropropane
Concen: 30.941 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

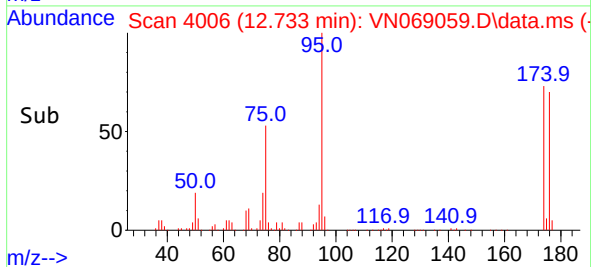
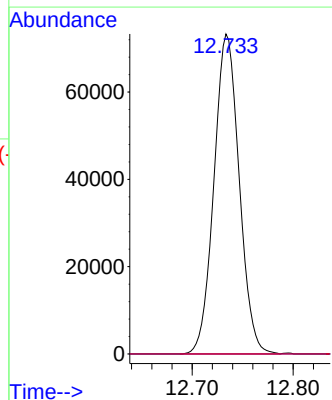
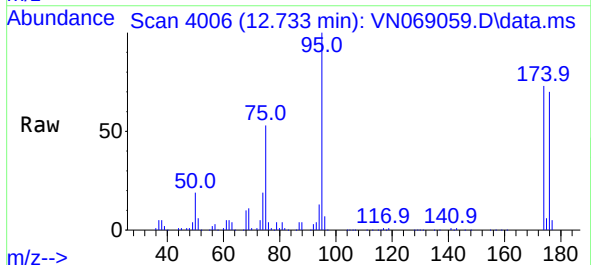
Instrument :
MSVOA_N
ClientSampled :

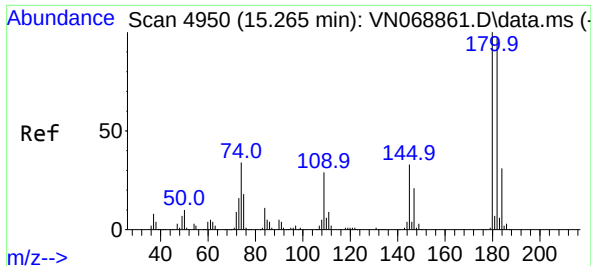
Tgt Ion: 75 Resp: 127006
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.025 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

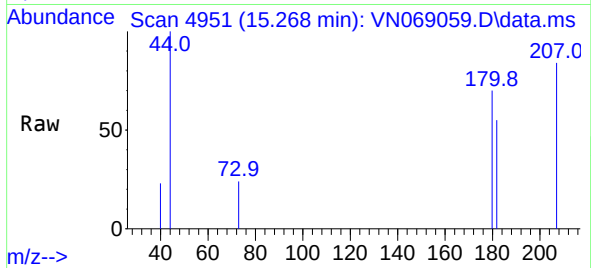
Tgt Ion: 75 Resp: 127006
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



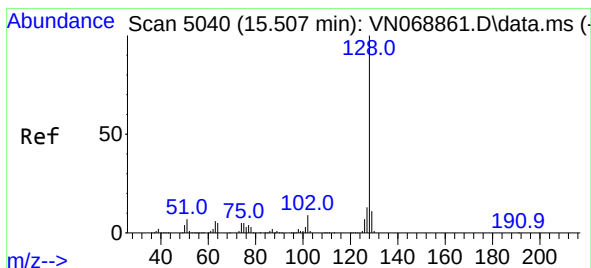
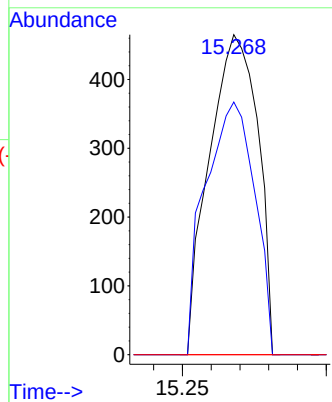
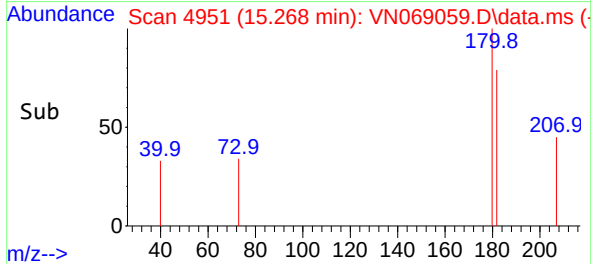


#93
1,2,4-Trichlorobenzene
Concen: 2.761 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05

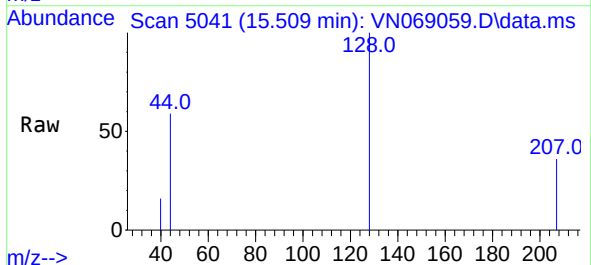
Instrument :
MSVOA_N
ClientSampled :



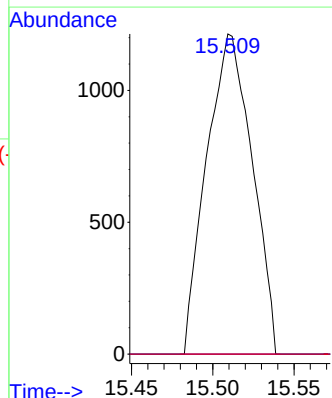
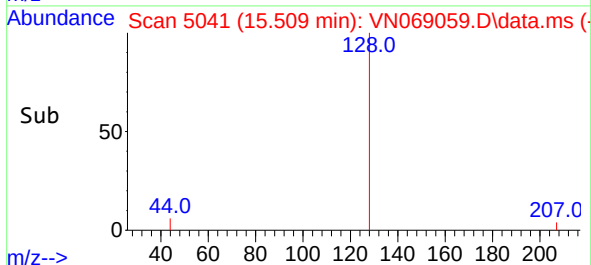
Tgt Ion:180 Resp: 546
Ion Ratio Lower Upper
180 100
182 80.2 47.9 143.7
145 0.0 16.4 49.2#

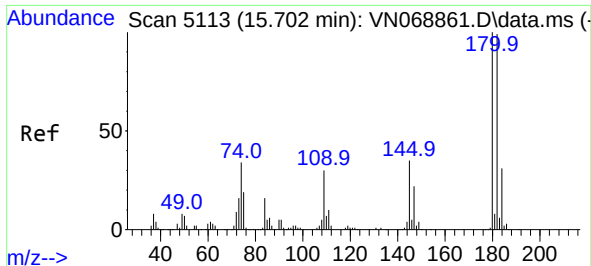


#95
Naphthalene
Concen: 4.056 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069059.D
Acq: 20 Oct 2021 14:05



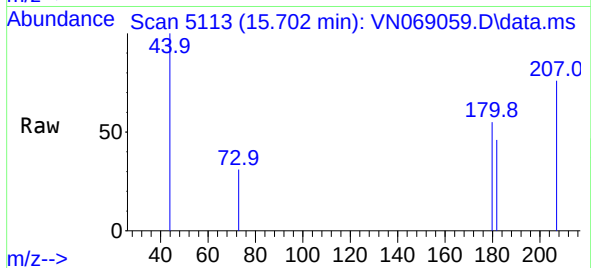
Tgt Ion:128 Resp: 2367
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.676 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN069059.D
 Acq: 20 Oct 2021 14:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 528
 Ion Ratio Lower Upper
 180 100
 182 81.1 48.1 144.3
 145 0.0 17.4 52.2#

