

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068959.D
 Acq On : 15 Oct 2021 19:18
 Operator : JC/MD
 Sample : M4153-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:17:36 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)

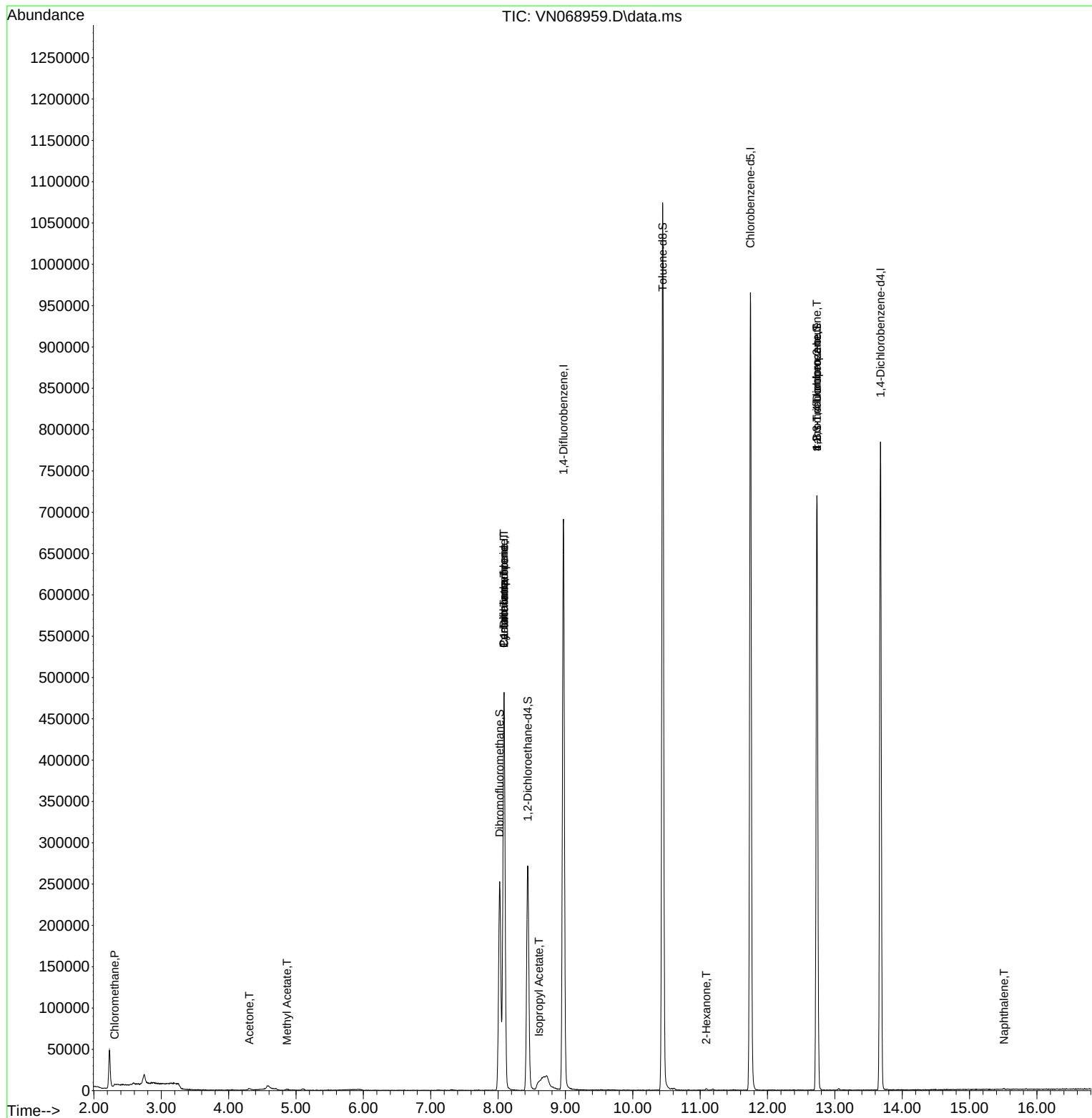
Internal Standards						
1) Pentafluorobenzene	8.088	168	364509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	624565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	568110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	231958	48.265	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	96.520%	
35) Dibromofluoromethane	8.024	113	185584	51.072	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.140%	
50) Toluene-d8	10.443	98	768806	52.878	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	105.760%	
62) 4-Bromofluorobenzene	12.734	95	264984	48.306	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	96.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	976	0.219	ug/l	96
16) Acetone	4.307	43	3279	1.828	ug/l	98
18) Methyl Acetate	4.867	43	3365	0.495	ug/l #	63
31) Cyclohexane	8.088	56	8497	1.137	ug/l #	8
36) 1,1-Dichloropropene	8.088	75	29998	5.623	ug/l #	44
38) Carbon Tetrachloride	8.088	117	37804	6.452	ug/l #	16
43) Isopropyl Acetate	8.609	43	8956	0.921	ug/l #	55
59) 2-Hexanone	11.090	43	972	0.240	ug/l #	38
76) 1,2,3-Trichloropropane	12.734	75	138166	30.470	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	138166	72.897	ug/l #	12
95) Naphthalene	15.509	128	1264	3.930	ug/l #	69

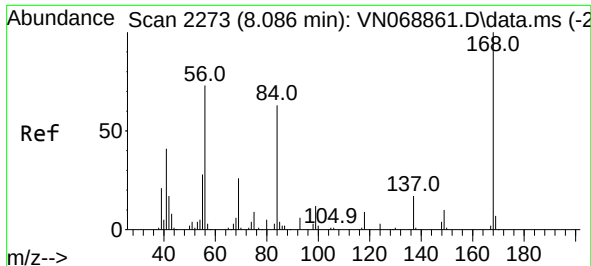
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
Data File : VN068959.D
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Sample : M4153-03
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Oct 18 02:17:36 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

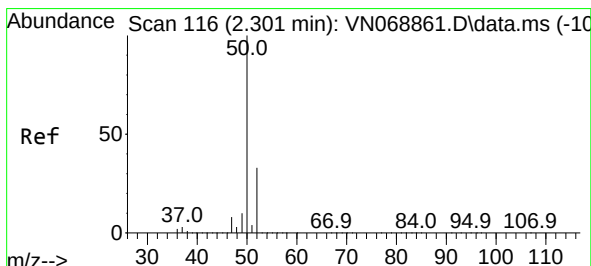
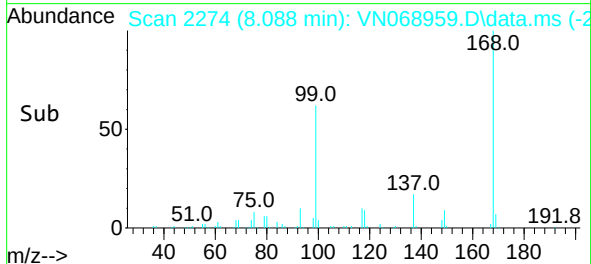
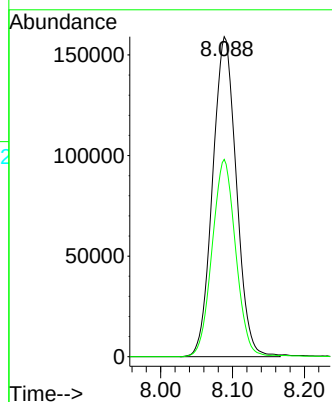
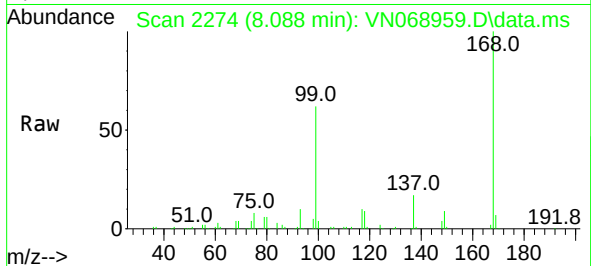




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

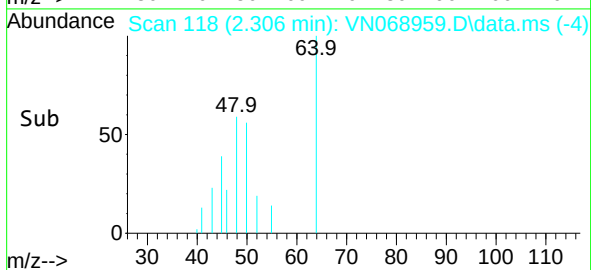
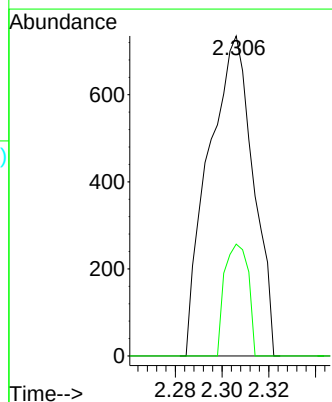
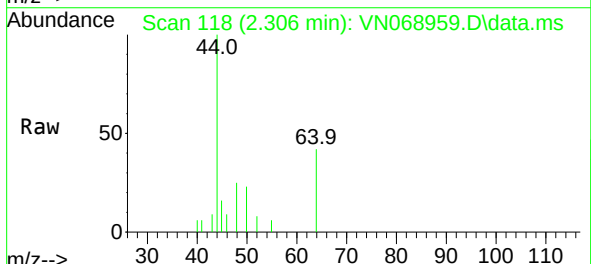
Instrument :
MSVOA_N
ClientSampled :

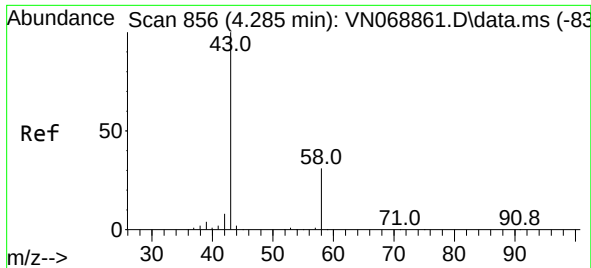
Tgt Ion:168 Resp: 364509
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#3
Chloromethane
Concen: 0.219 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.006 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion: 50 Resp: 976
Ion Ratio Lower Upper
50 100
52 35.0 26.3 39.5

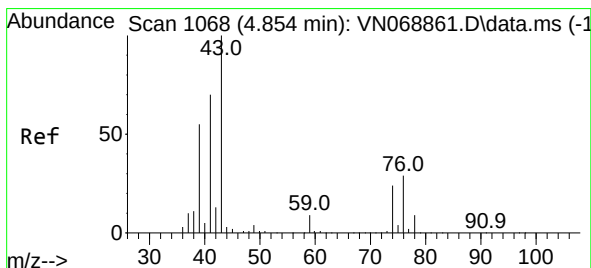
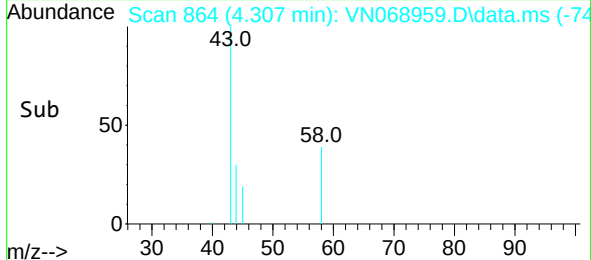
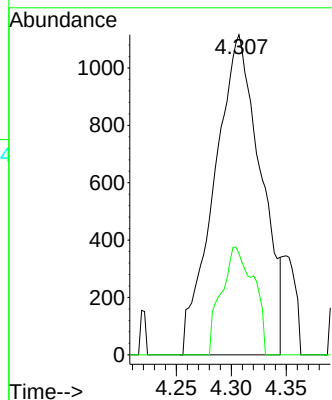
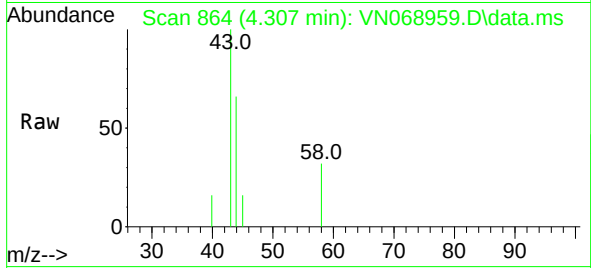




#16
Acetone
Concen: 1.828 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.022 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

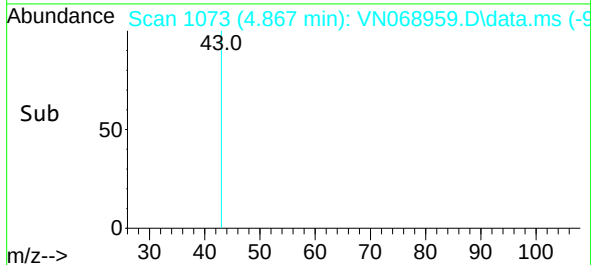
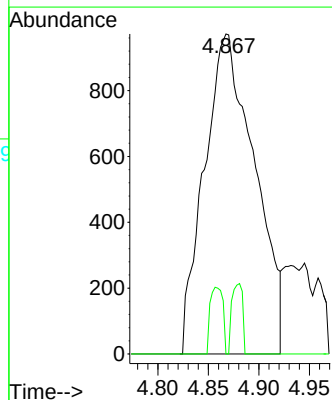
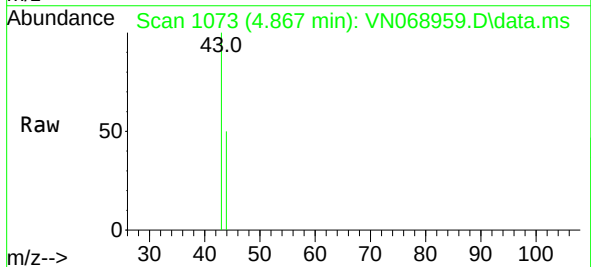
Instrument :
MSVOA_N
ClientSampled :

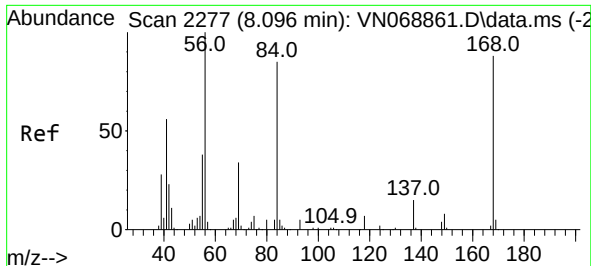
Tgt Ion: 43 Resp: 3279
Ion Ratio Lower Upper
43 100
58 31.6 24.5 36.7



#18
Methyl Acetate
Concen: 0.495 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.014 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion: 43 Resp: 3365
Ion Ratio Lower Upper
43 100
74 5.3 18.9 28.3#

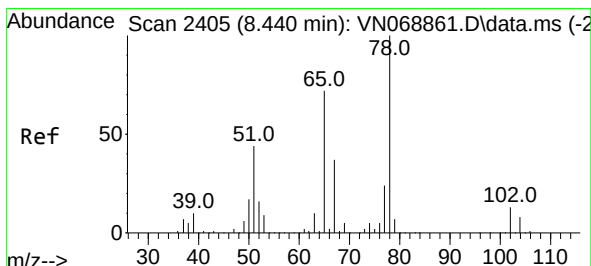
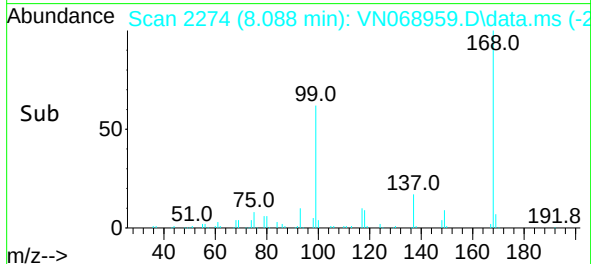
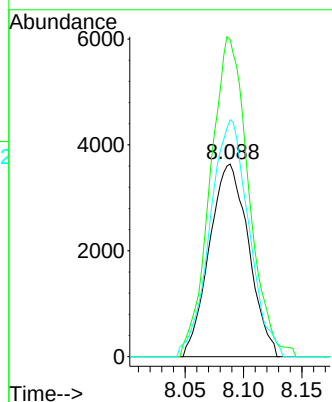
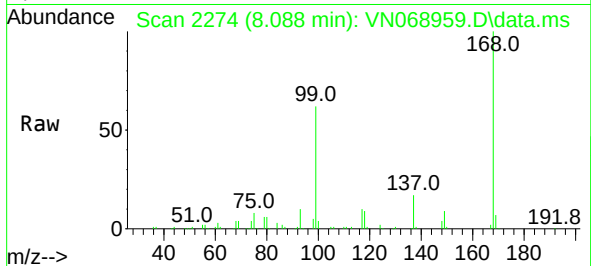




#31
Cyclohexane
Concen: 1.137 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

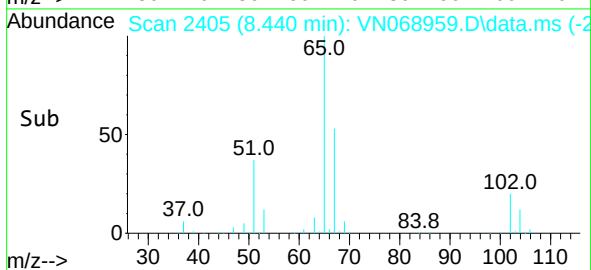
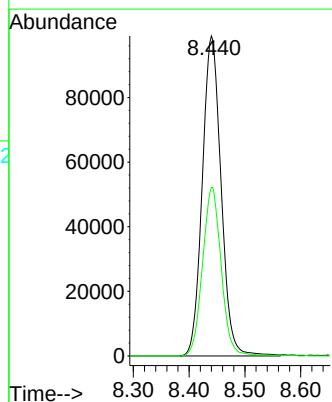
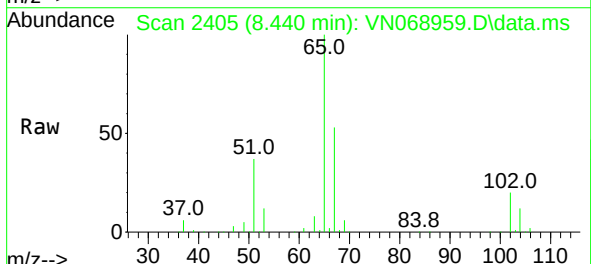
Instrument :
MSVOA_N
ClientSampled :

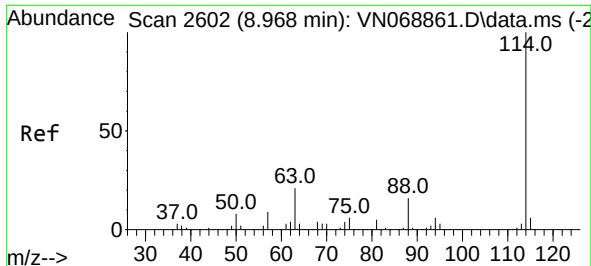
Tgt Ion: 56 Resp: 8497
Ion Ratio Lower Upper
56 100
69 164.7 26.9 40.3#
84 118.6 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.265 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion: 65 Resp: 231958
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

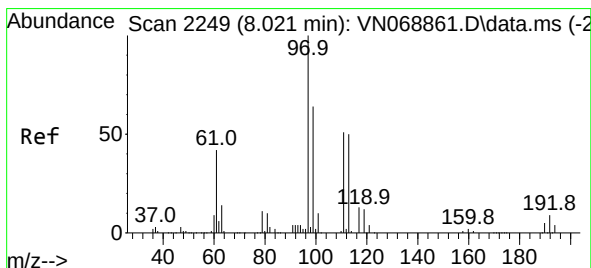
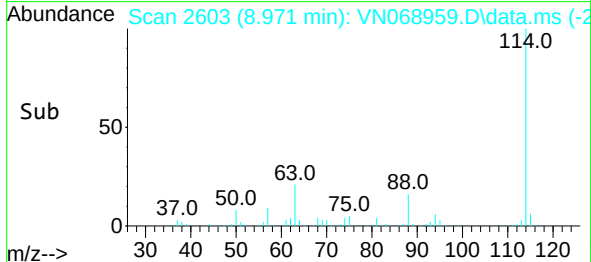
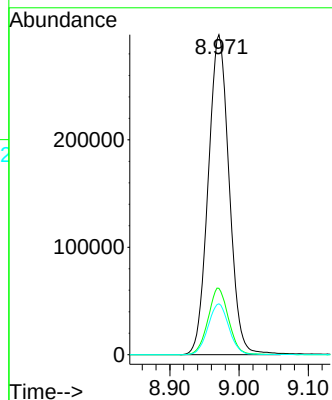
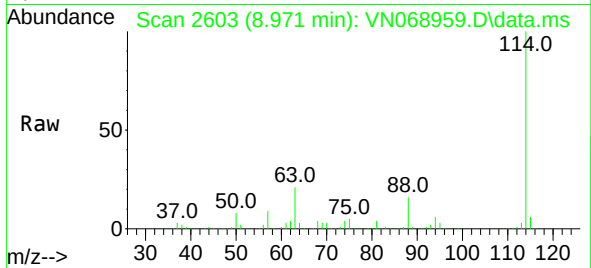




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

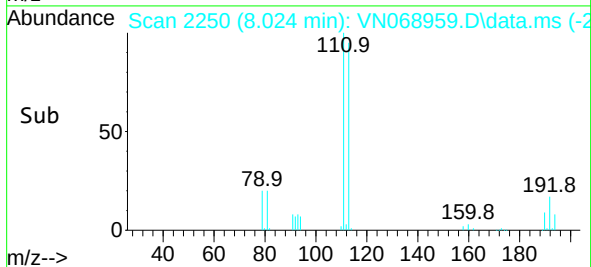
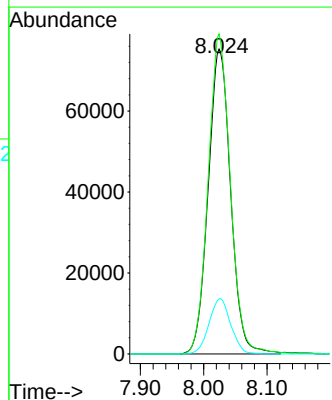
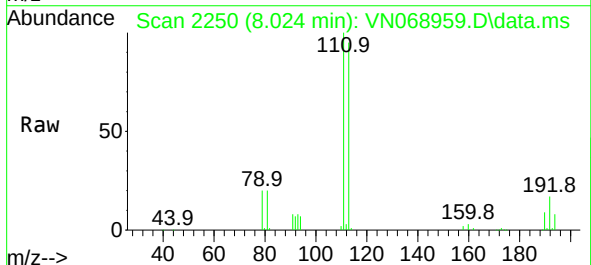
Instrument :
MSVOA_N
ClientSampled :

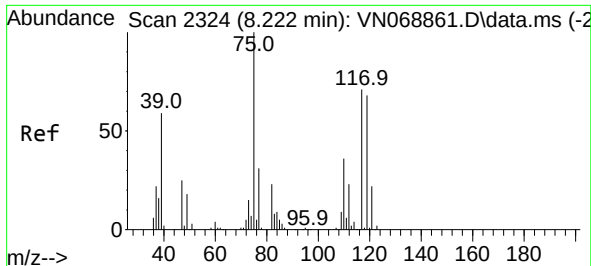
Tgt Ion:114 Resp: 624565
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 15.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.072 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion:113 Resp: 185584
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.5 15.0 22.4

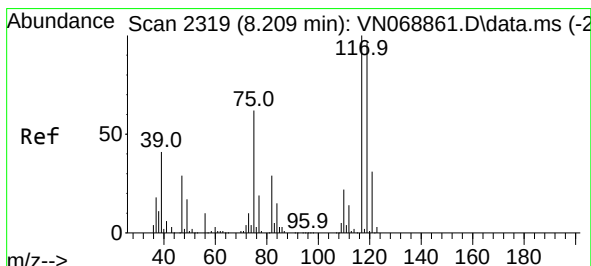
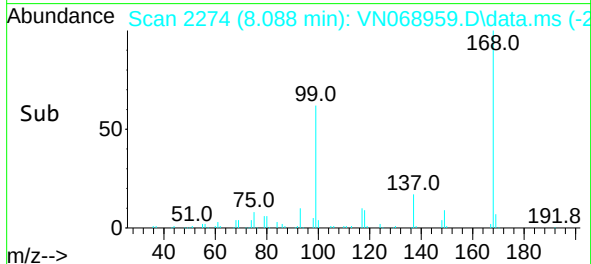
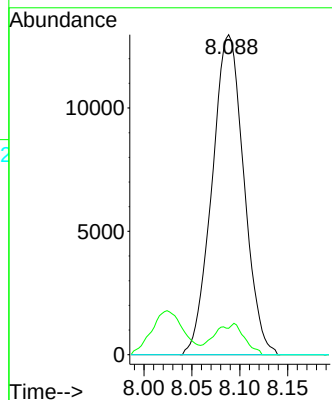
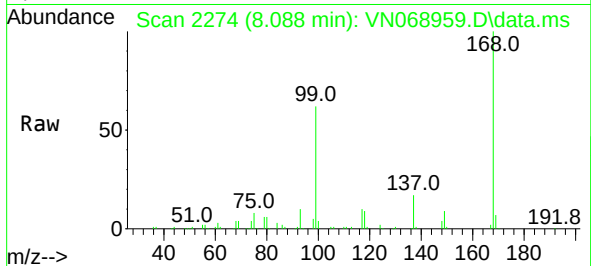




#36
1,1-Dichloropropene
Concen: 5.623 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

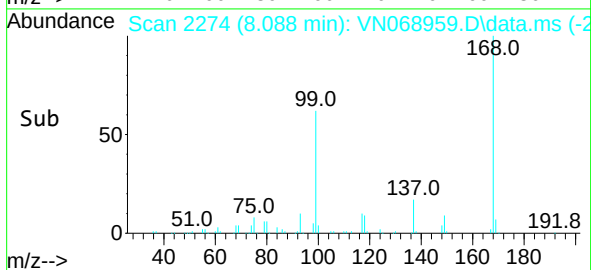
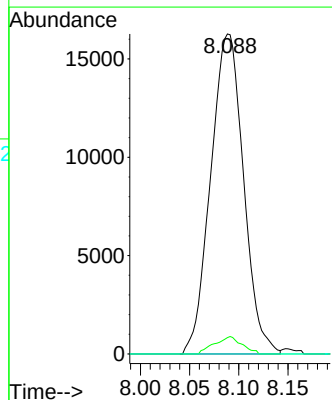
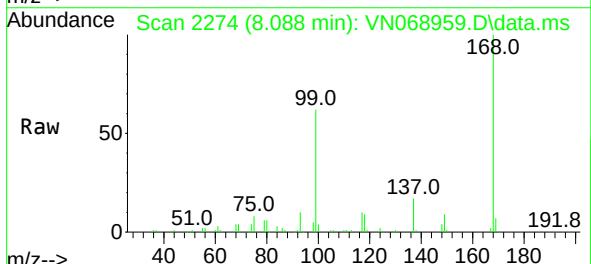
Instrument :
MSVOA_N
ClientSampled :

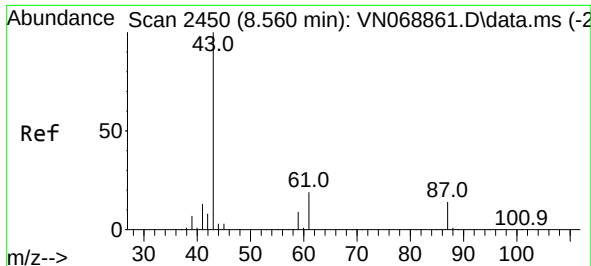
Tgt Ion: 75 Resp: 29998
Ion Ratio Lower Upper
75 100
110 2.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.452 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

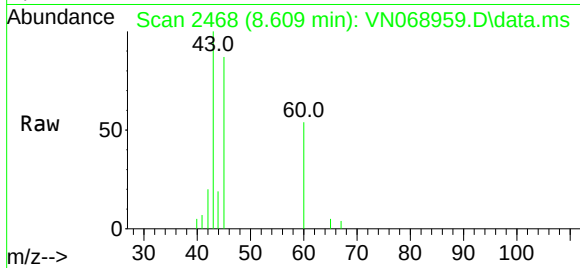
Tgt Ion: 117 Resp: 37804
Ion Ratio Lower Upper
117 100
119 5.1 76.9 115.3#
121 0.0 24.6 37.0#



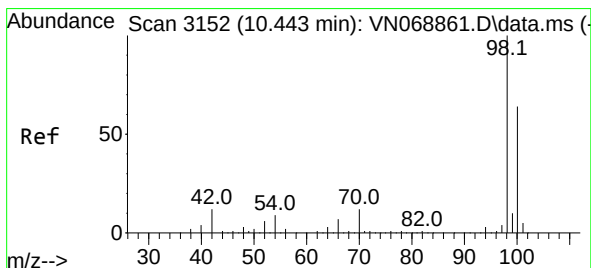
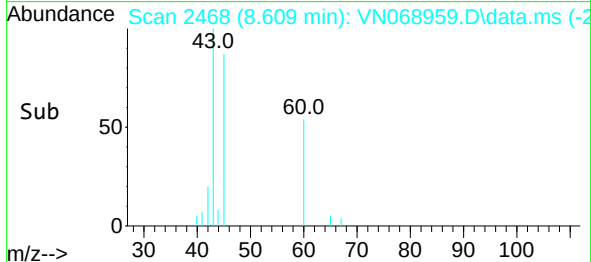
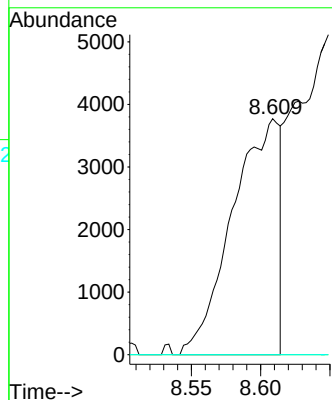


#43
Isopropyl Acetate
Concen: 0.921 ug/l
RT: 8.609 min Scan# 2468
Delta R.T. 0.048 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Instrument :
MSVOA_N
ClientSampled :

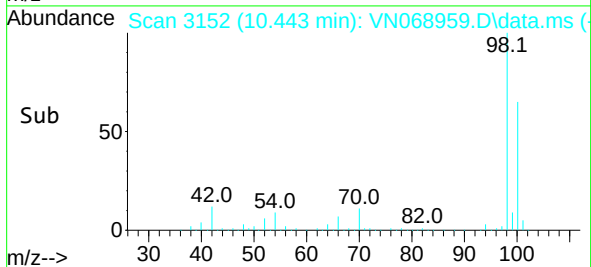
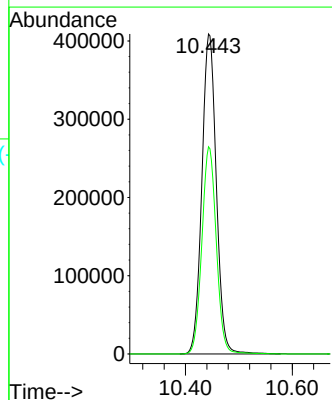
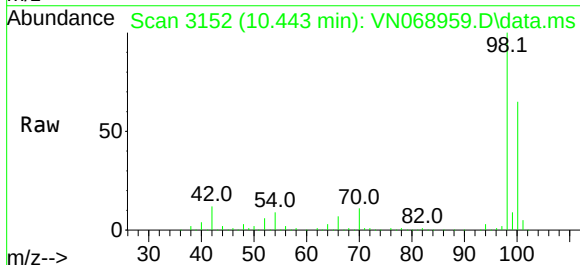


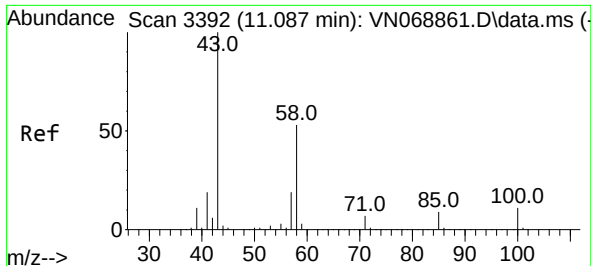
Tgt Ion: 43 Resp: 8956
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.878 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion: 98 Resp: 768806
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

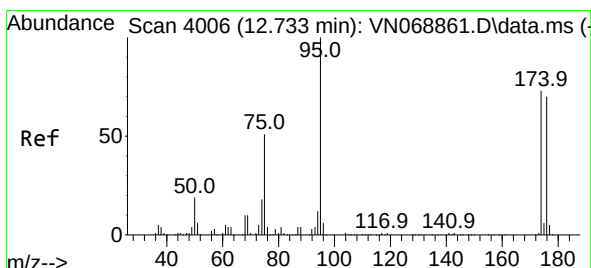
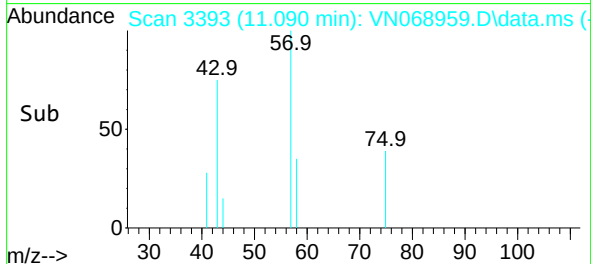
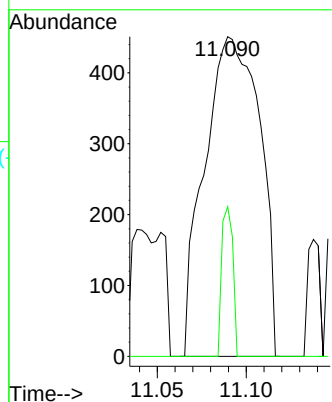
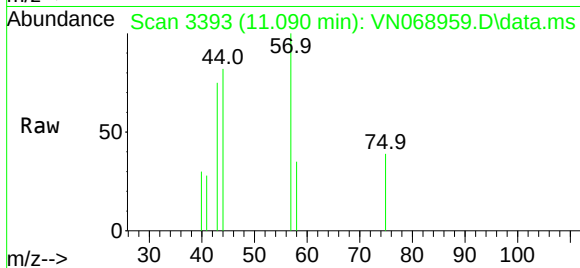




#59
2-Hexanone
Concen: 0.240 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

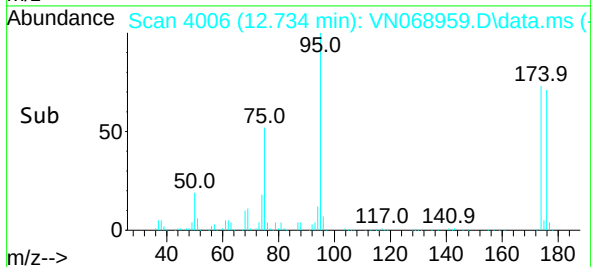
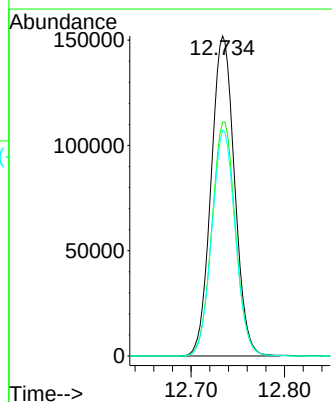
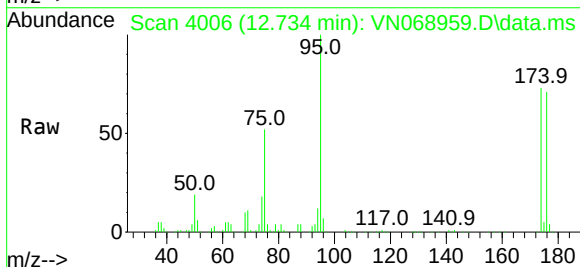
Instrument :
MSVOA_N
ClientSampled :

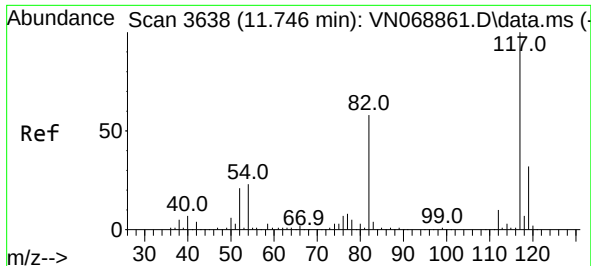
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 9.5 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 48.306 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion: 95 Resp: 264984
Ion Ratio Lower Upper
95 100
174 73.6 0.0 144.8
176 70.7 0.0 140.0

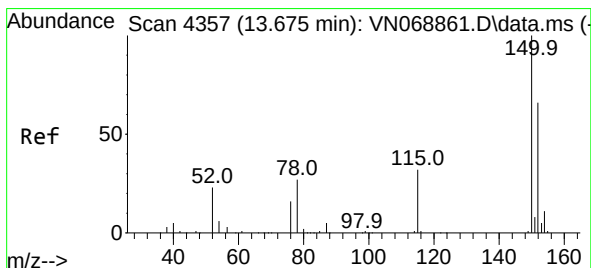
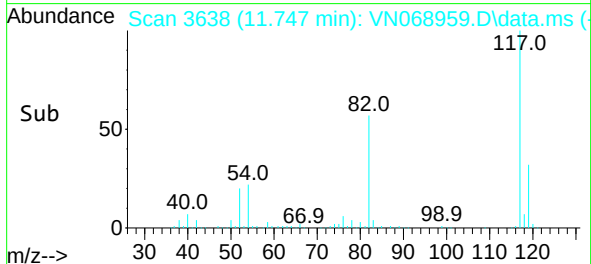
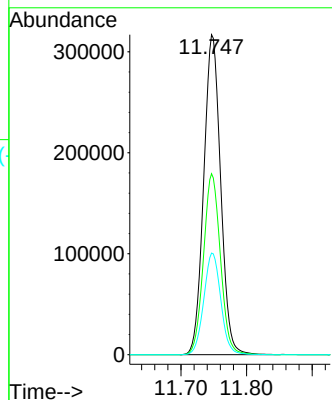
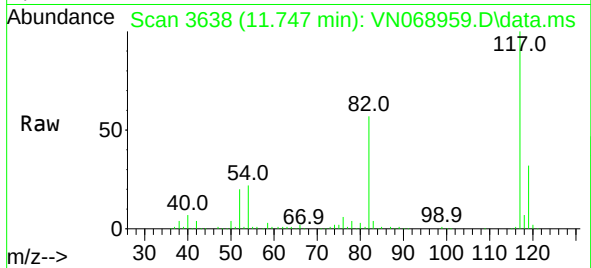




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

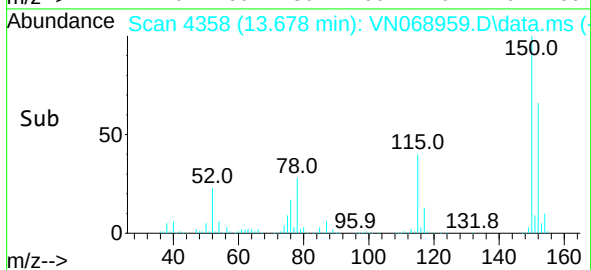
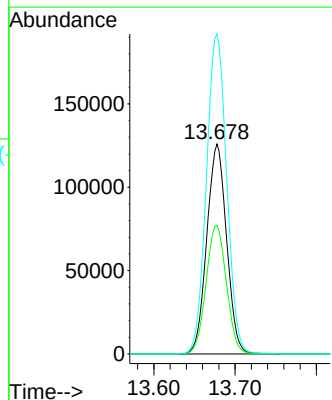
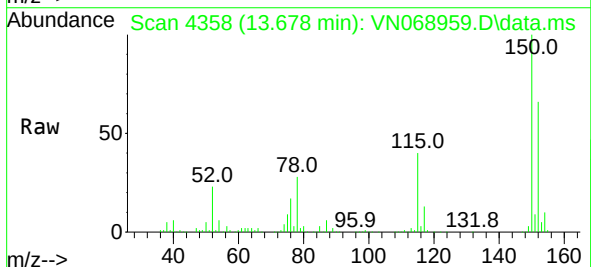
Instrument :
MSVOA_N
ClientSampleId :

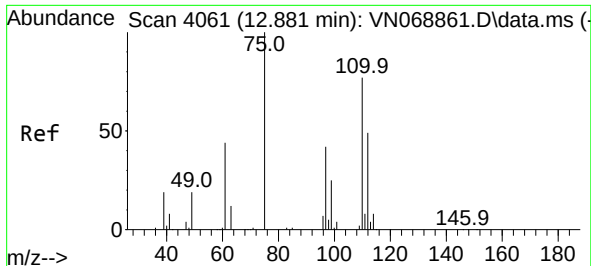
Tgt Ion:117 Resp: 568110
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.7 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Tgt Ion:152 Resp: 213119
Ion Ratio Lower Upper
152 100
115 62.9 31.4 94.3
150 156.2 0.0 351.0

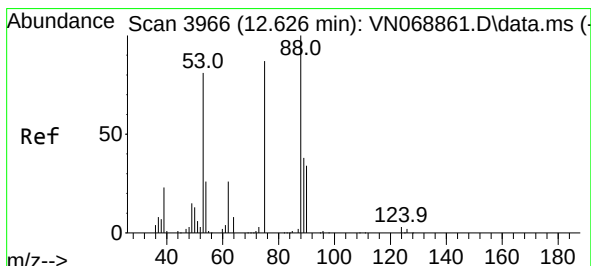
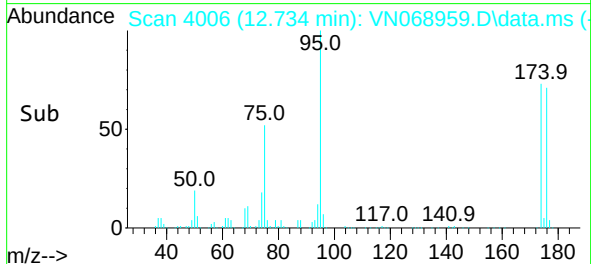
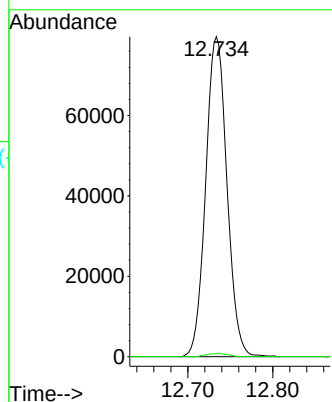
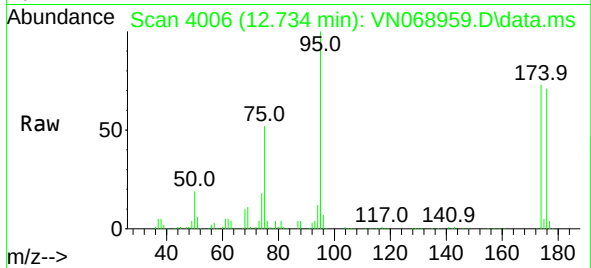




#76
1,2,3-Trichloropropane
Concen: 30.470 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

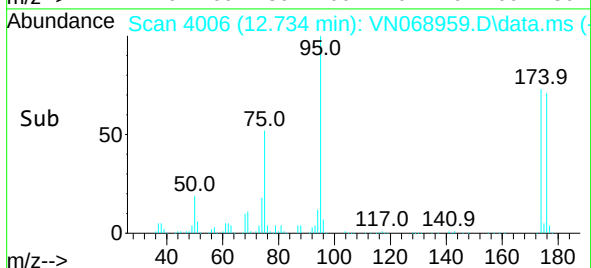
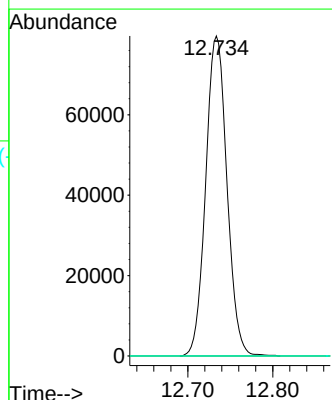
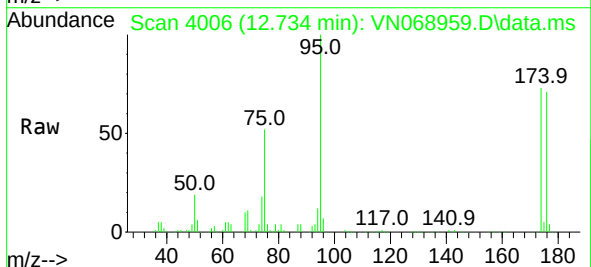
Instrument :
MSVOA_N
ClientSampled :

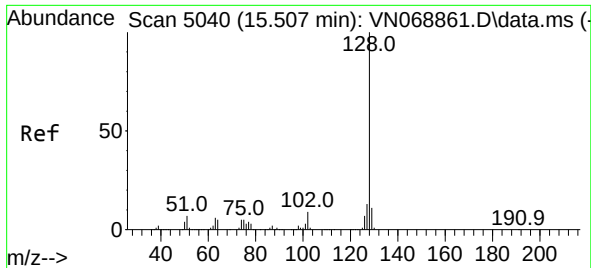
Tgt Ion: 75 Resp: 138166
Ion Ratio Lower Upper
75 100
77 1.0 96.2 288.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.897 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

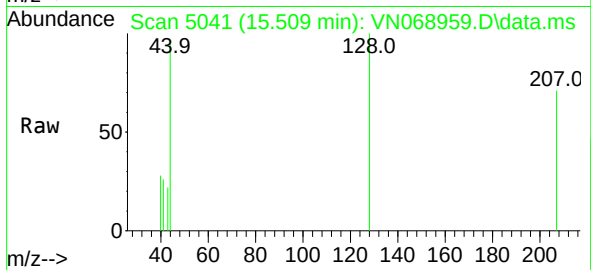
Tgt Ion: 75 Resp: 138166
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 3.930 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068959.D
Acq: 15 Oct 2021 19:18

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	1264
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

