

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068957.D
 Acq On : 15 Oct 2021 18:27
 Operator : JC/MD
 Sample : M4153-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:17:15 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)

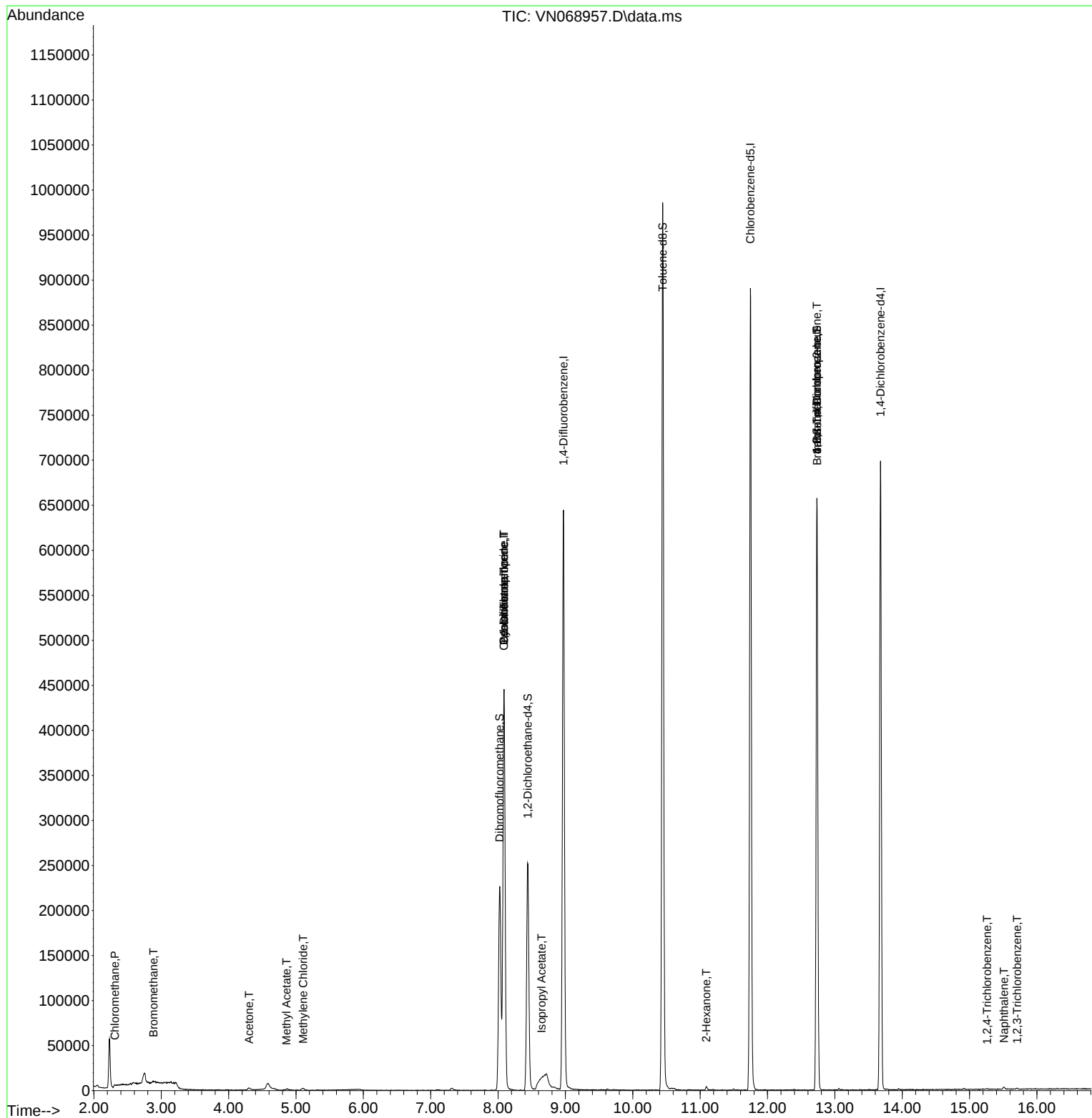
Internal Standards						
1) Pentafluorobenzene	8.088	168	337030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579418	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	522907	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	187811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	212189	47.751	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	95.500%	
35) Dibromofluoromethane	8.024	113	170428	50.555	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.120%	
50) Toluene-d8	10.443	98	707271	52.436	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	104.880%	
62) 4-Bromofluorobenzene	12.733	95	241963	47.546	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.100%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	1681	0.408	ug/l	99
5) Bromomethane	2.883	94	942	0.409	ug/l #	70
16) Acetone	4.301	43	4276	2.579	ug/l	100
18) Methyl Acetate	4.856	43	1390	0.221	ug/l #	81
20) Methylene Chloride	5.106	84	2057	0.539	ug/l #	73
31) Cyclohexane	8.088	56	7717	1.117	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	26831	5.421	ug/l #	49
38) Carbon Tetrachloride	8.086	117	35451	6.522	ug/l #	15
43) Isopropyl Acetate	8.646	43	18761	2.080	ug/l #	55
59) 2-Hexanone	11.092	43	1838	0.490	ug/l #	59
71) Bromoform	12.736	173	1163	0.375	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	124362	31.121	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	124362	74.455	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.262	180	512	2.755	ug/l #	75
95) Naphthalene	15.512	128	3341	4.166	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.705	180	497	2.671	ug/l #	79

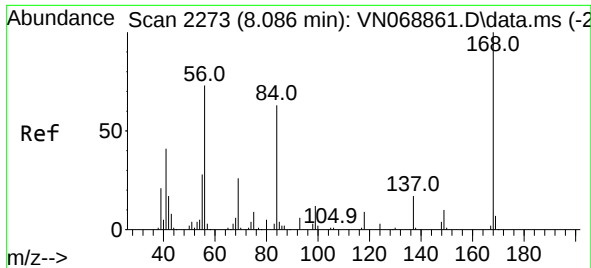
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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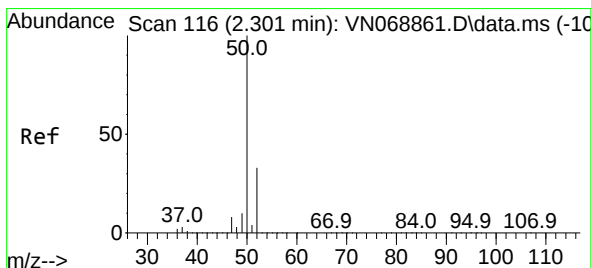
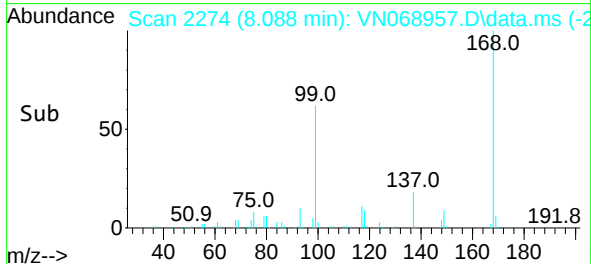
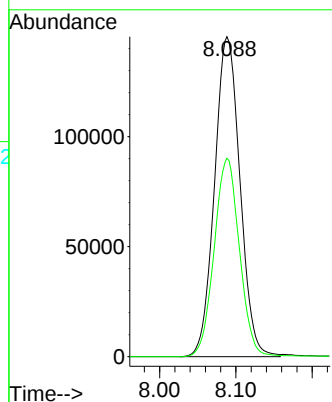
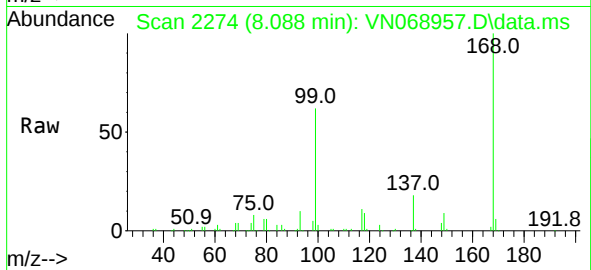




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

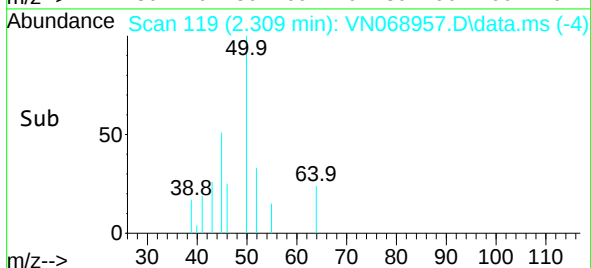
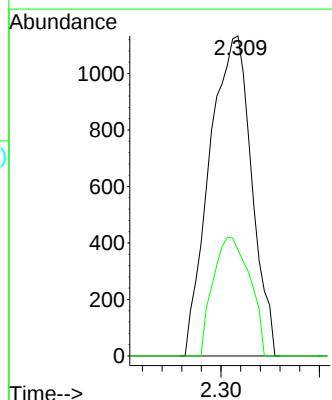
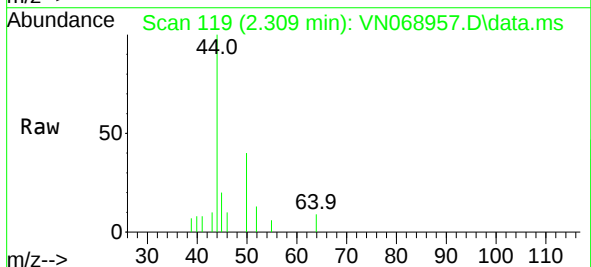
Instrument :
MSVOA_N
ClientSampled :

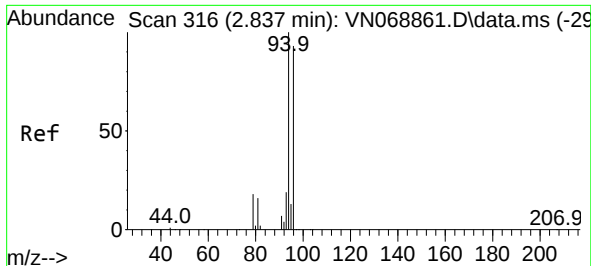
Tgt Ion:168 Resp: 337030
Ion Ratio Lower Upper
168 100
99 62.0 48.9 73.3



#3
Chloromethane
Concen: 0.408 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.008 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

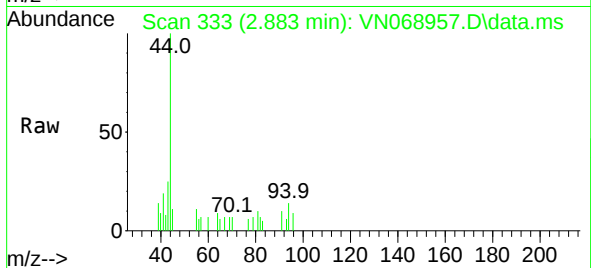
Tgt Ion: 50 Resp: 1681
Ion Ratio Lower Upper
50 100
52 33.2 26.3 39.5



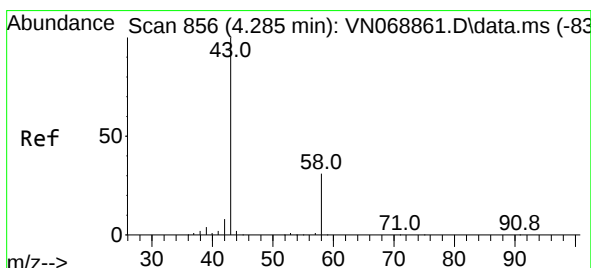
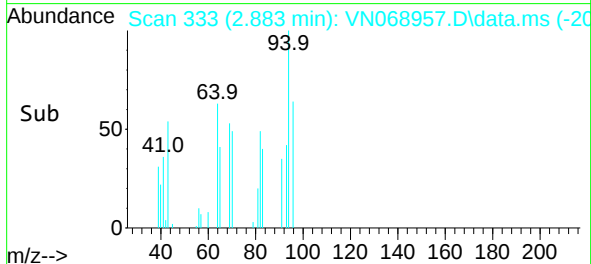
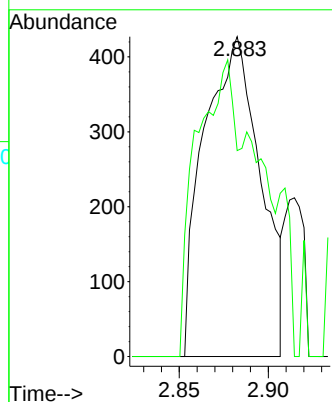


#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.883 min Scan# 333
Delta R.T. 0.046 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

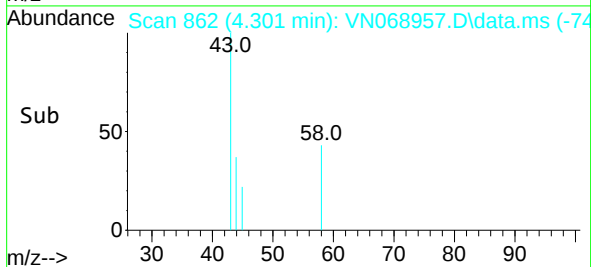
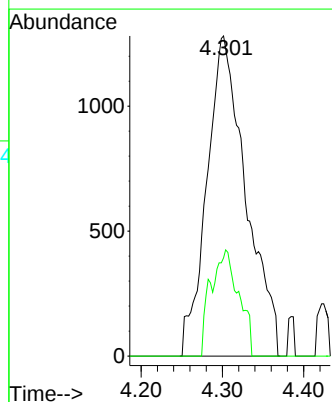
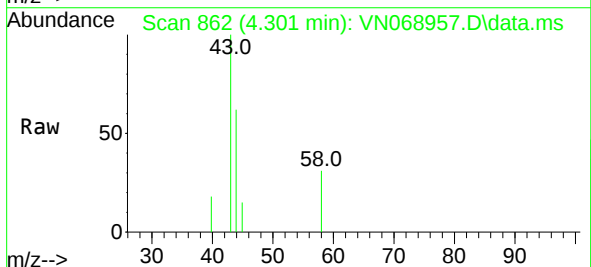


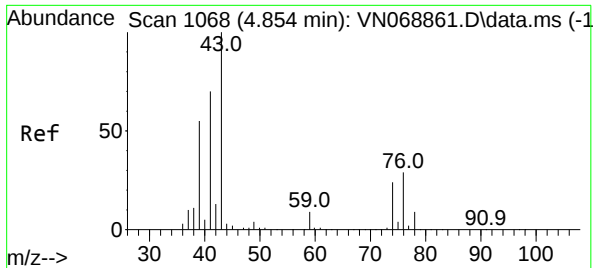
Tgt Ion: 94 Resp: 942
Ion Ratio Lower Upper
94 100
96 64.4 74.2 111.4#



#16
Acetone
Concen: 2.579 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 43 Resp: 4276
Ion Ratio Lower Upper
43 100
58 30.7 24.5 36.7

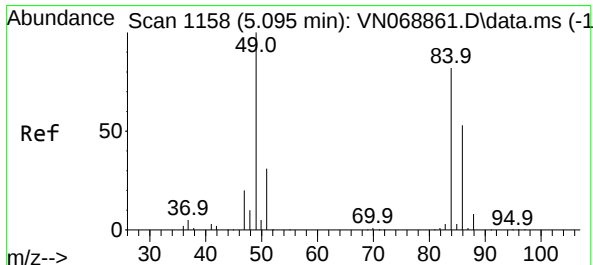
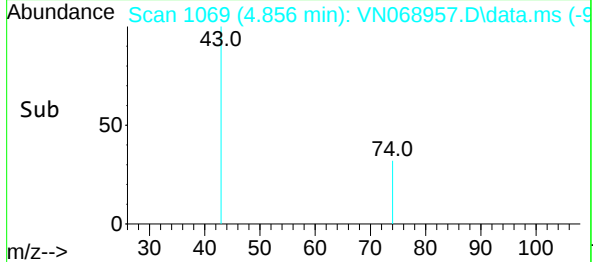
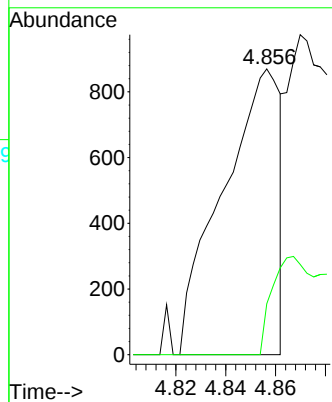
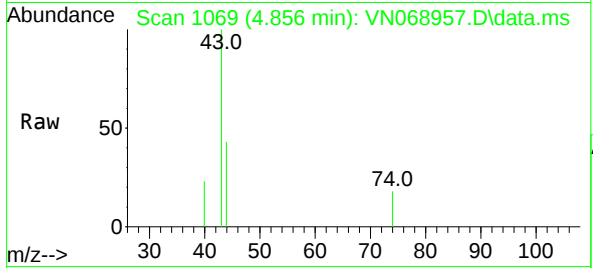




#18
Methyl Acetate
Concen: 0.221 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

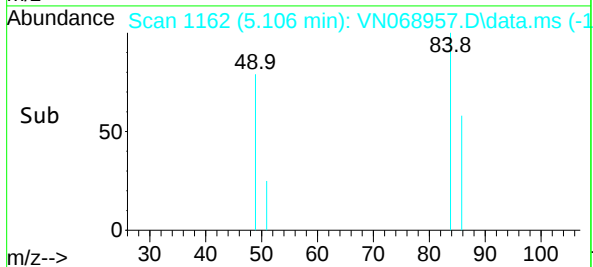
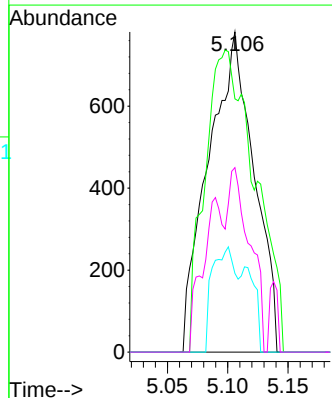
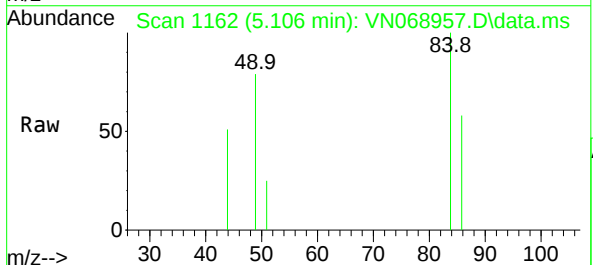
Instrument :
MSVOA_N
ClientSampled :

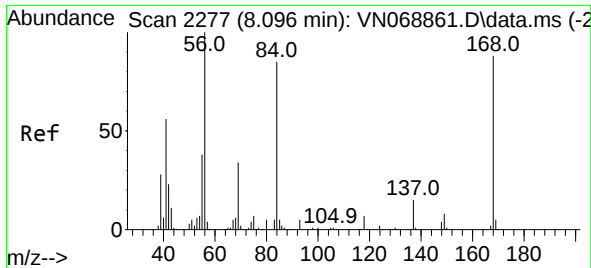
Tgt Ion: 43 Resp: 1390
Ion Ratio Lower Upper
43 100
74 32.9 18.9 28.3#



#20
Methylene Chloride
Concen: 0.539 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 84 Resp: 2057
Ion Ratio Lower Upper
84 100
49 79.1 97.6 146.4#
51 24.6 30.3 45.5#
86 57.6 51.8 77.6

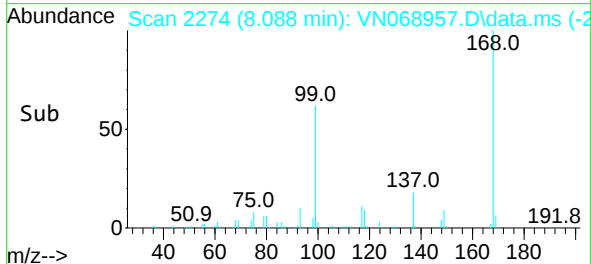
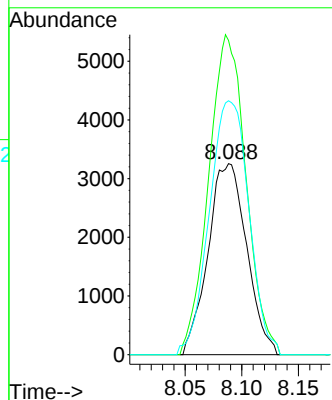
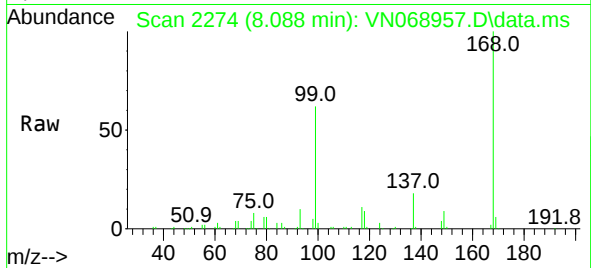




#31
Cyclohexane
Concen: 1.117 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

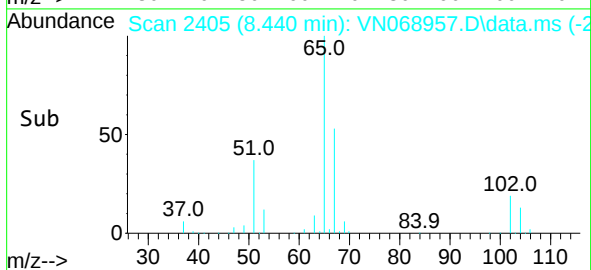
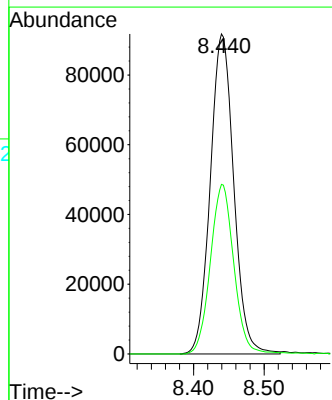
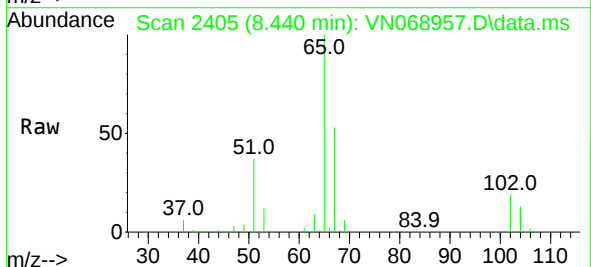
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 56 Resp: 7717
Ion Ratio Lower Upper
56 100
69 164.5 26.9 40.3#
84 132.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 47.751 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 65 Resp: 212189
Ion Ratio Lower Upper
65 100
67 52.9 0.0 103.8

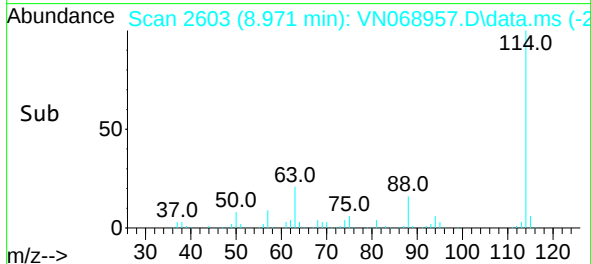
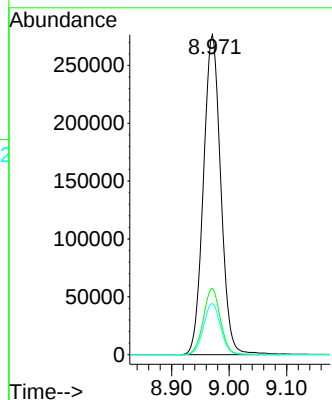
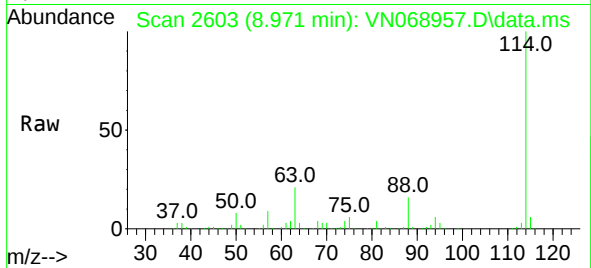




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

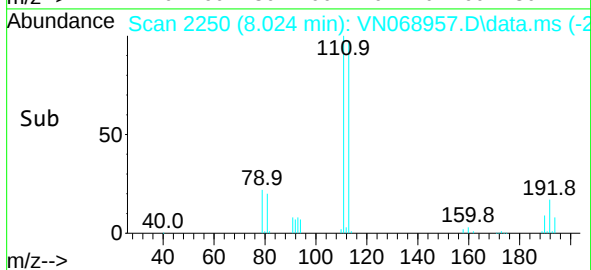
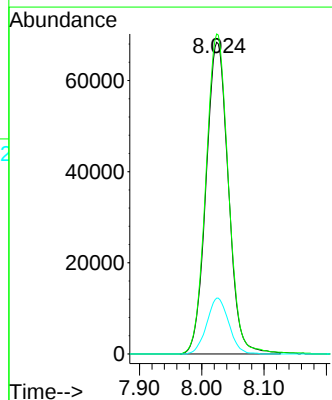
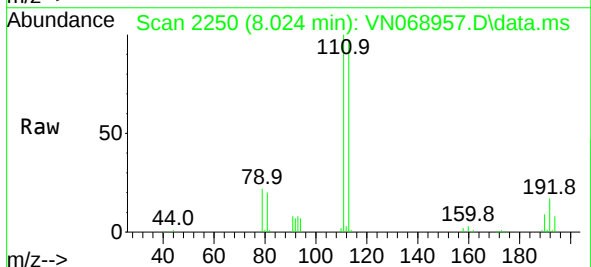
Instrument :
MSVOA_N
ClientSampled :

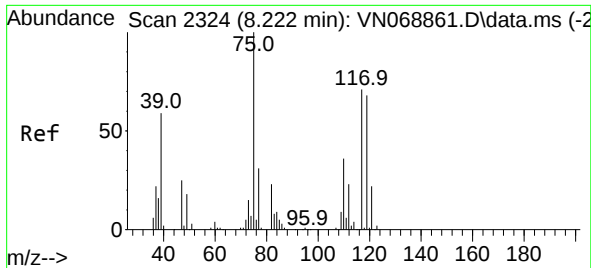
Tgt Ion:114 Resp: 579418
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.555 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion:113 Resp: 170428
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 17.7 15.0 22.4

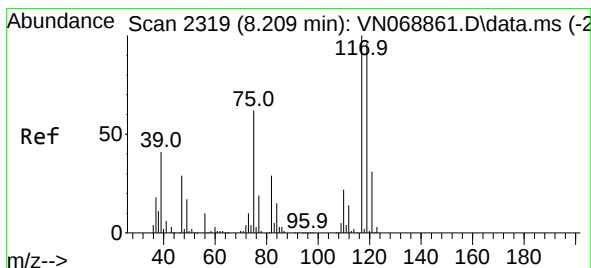
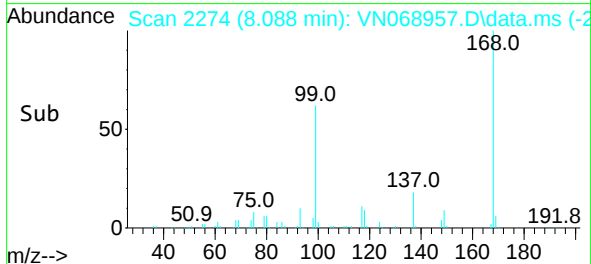
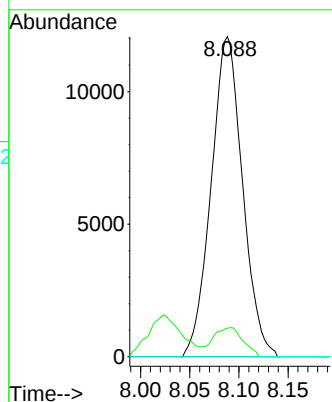
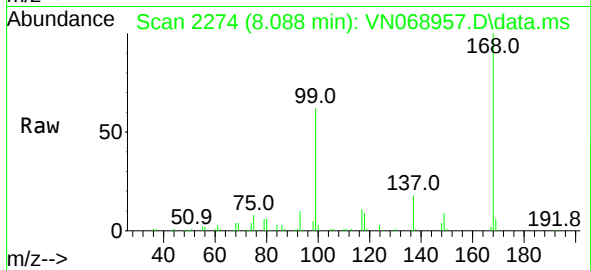




#36
1,1-Dichloropropene
Concen: 5.421 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

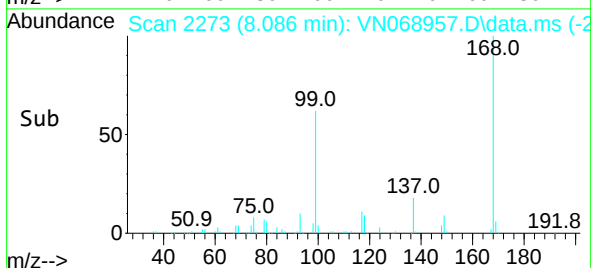
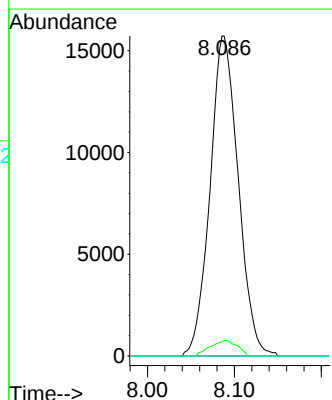
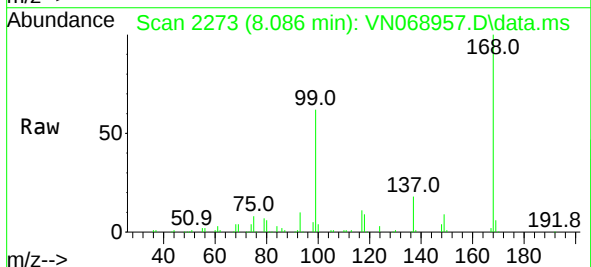
Instrument :
MSVOA_N
ClientSampled :

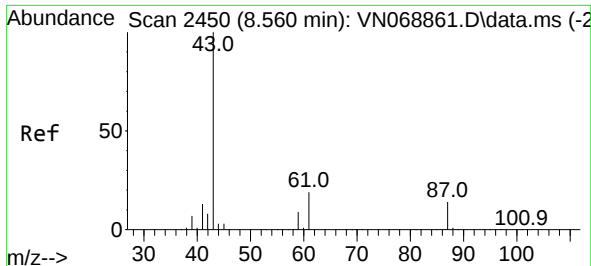
Tgt Ion: 75 Resp: 26831
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.522 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

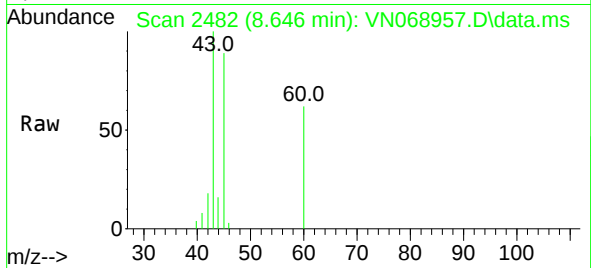
Tgt Ion: 117 Resp: 35451
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#



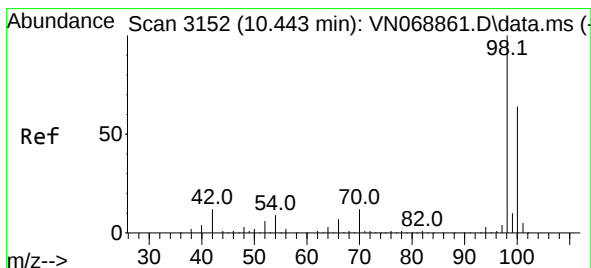
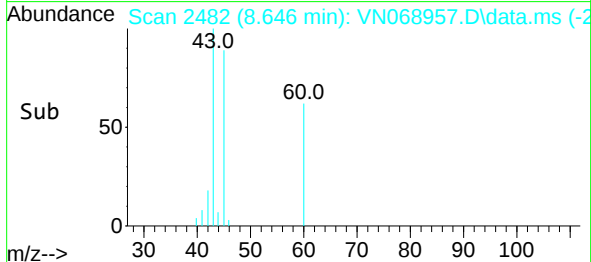
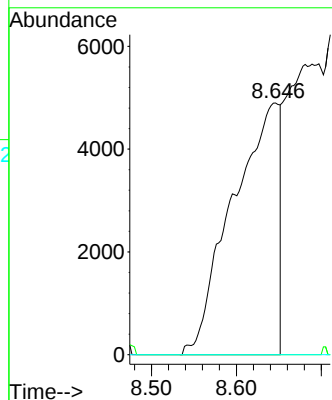


#43
Isopropyl Acetate
Concen: 2.080 ug/l
RT: 8.646 min Scan# 2482
Delta R.T. 0.086 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

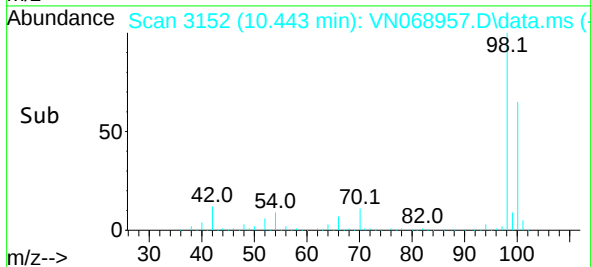
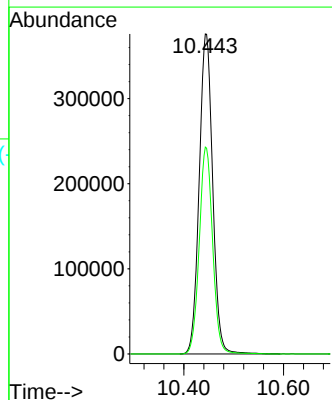
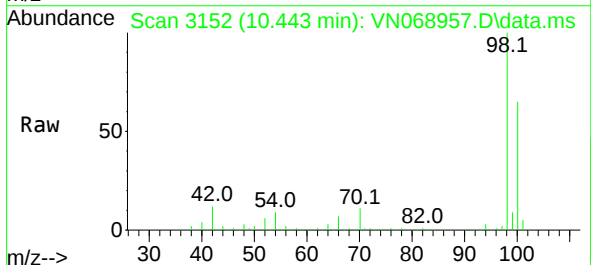


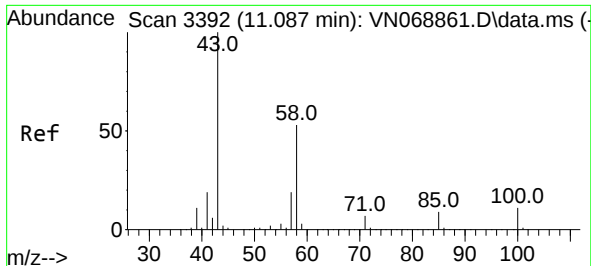
Tgt Ion: 43 Resp: 18761
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 52.436 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 98 Resp: 707271
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

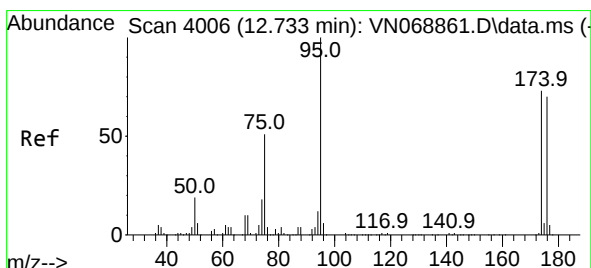
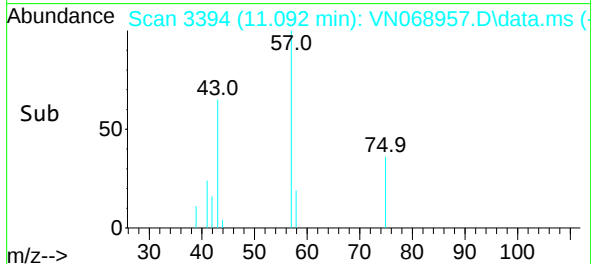
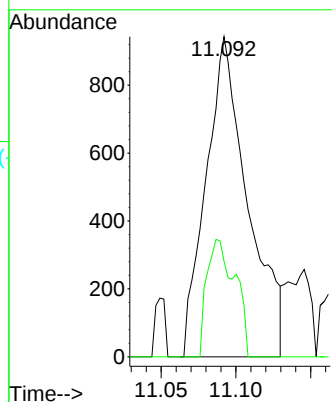
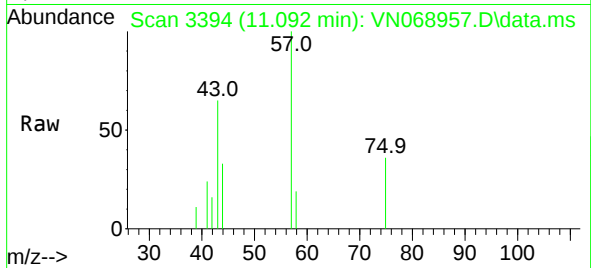




#59
2-Hexanone
Concen: 0.490 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

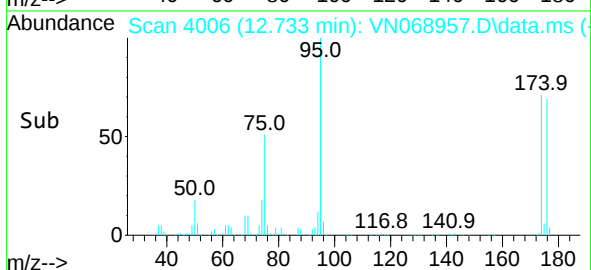
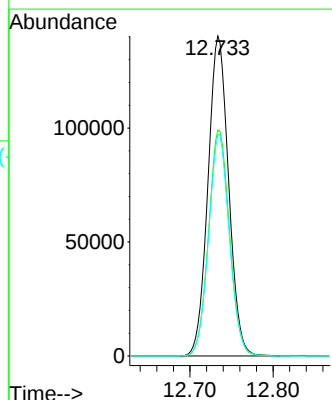
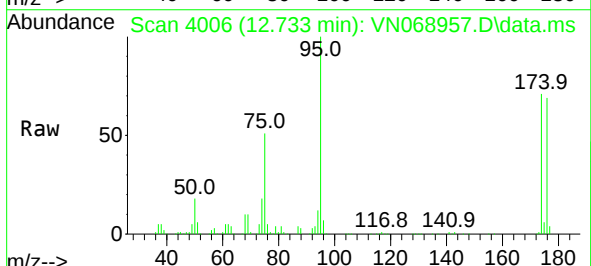
Instrument :
MSVOA_N
ClientSampled :

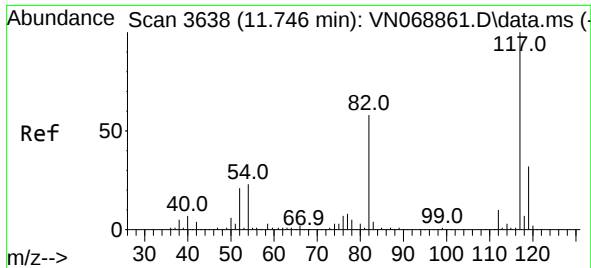
Tgt Ion: 43 Resp: 1838
Ion Ratio Lower Upper
43 100
58 24.5 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 47.546 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 95 Resp: 241963
Ion Ratio Lower Upper
95 100
174 71.7 0.0 144.8
176 69.6 0.0 140.0

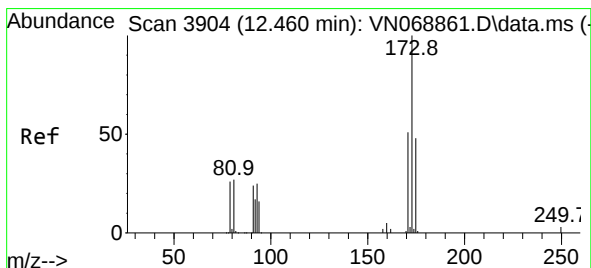
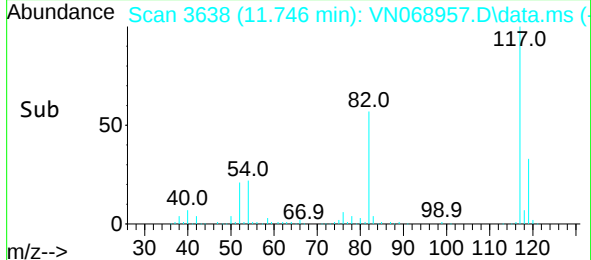
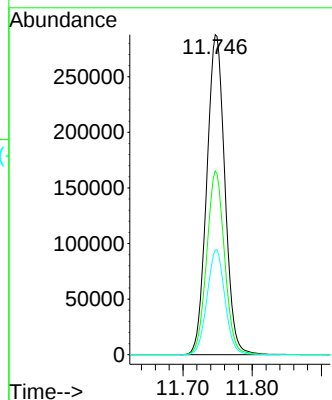
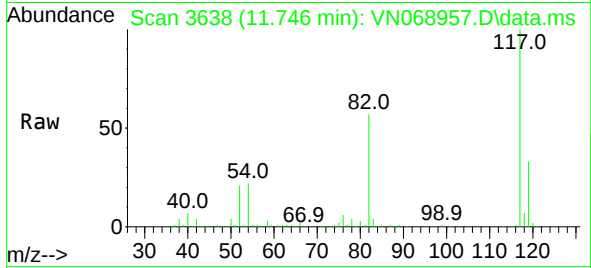




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

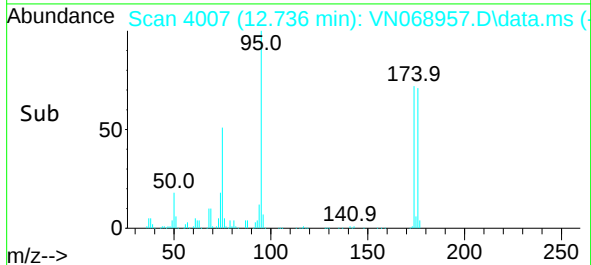
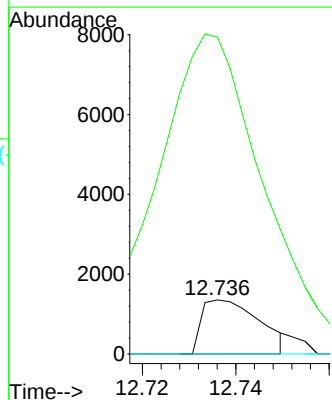
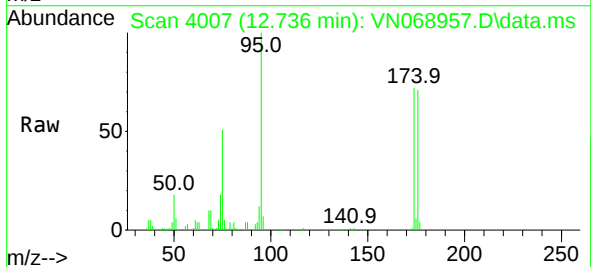
Instrument :
MSVOA_N
ClientSampleId :

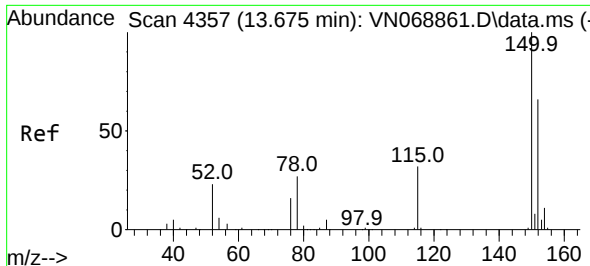
Tgt Ion:117 Resp: 522907
Ion Ratio Lower Upper
117 100
82 57.5 46.4 69.6
119 32.8 26.0 39.0



#71
Bromoform
Concen: 0.375 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.276 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion:173 Resp: 1163
Ion Ratio Lower Upper
173 100
175 1029.1 23.8 71.5#
254 0.0 0.0 0.0

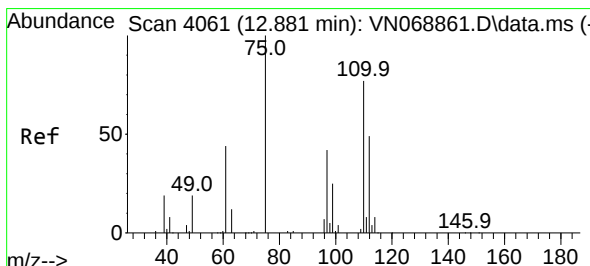
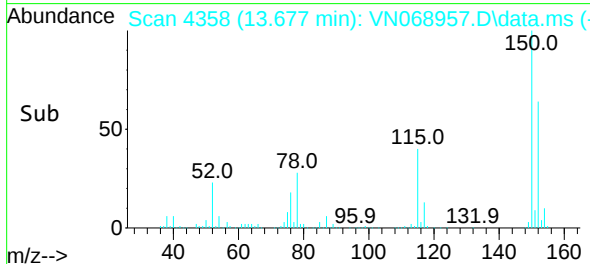
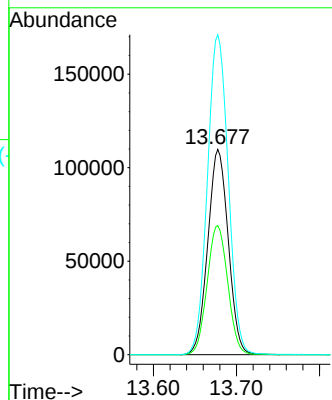
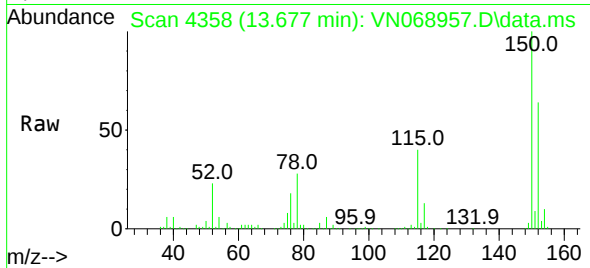




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

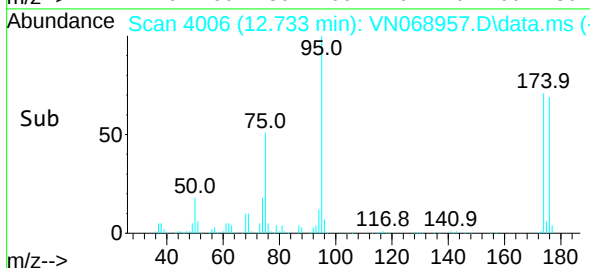
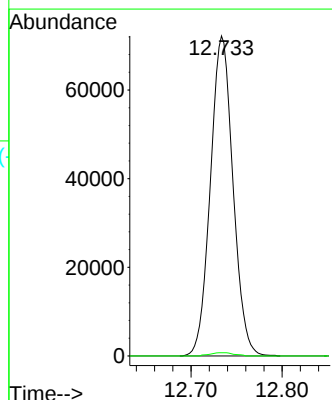
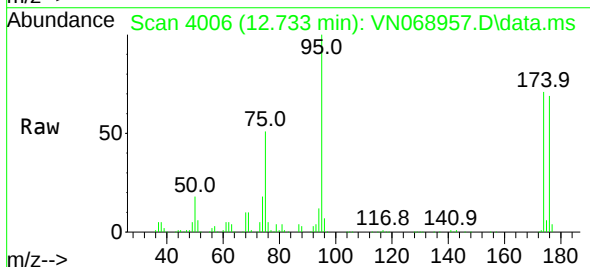
Instrument :
MSVOA_N
ClientSampled :

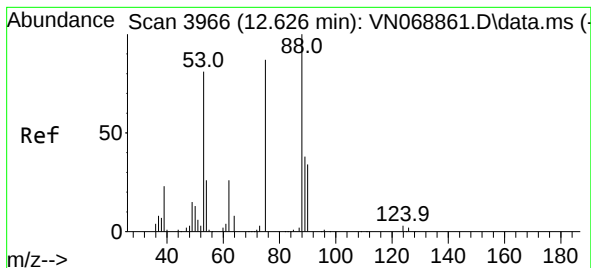
Tgt Ion:152 Resp: 187811
Ion Ratio Lower Upper
152 100
115 63.3 31.4 94.3
150 158.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 31.121 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion: 75 Resp: 124362
Ion Ratio Lower Upper
75 100
77 1.1 96.2 288.4#

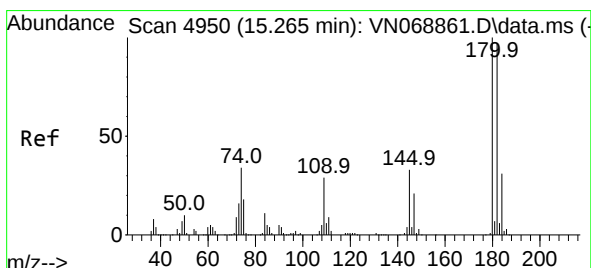
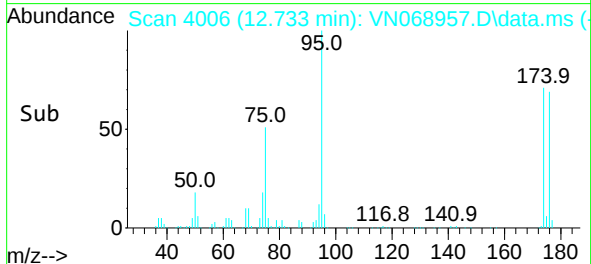
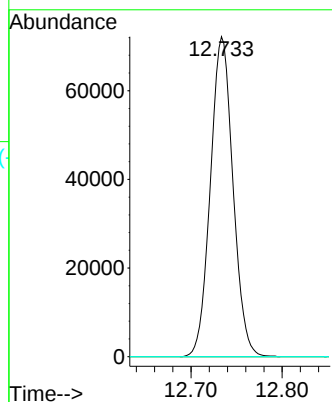
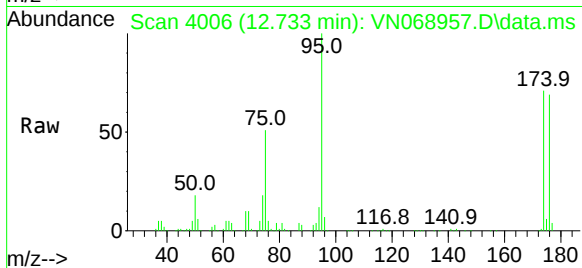




#81
trans-1,4-Dichloro-2-butene
Concen: 74.455 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

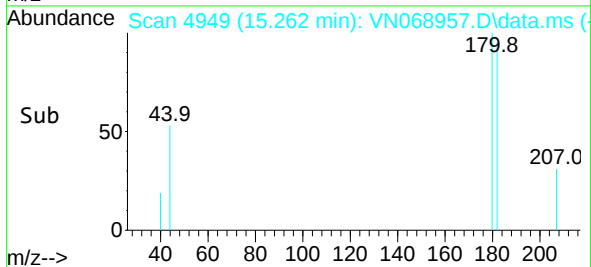
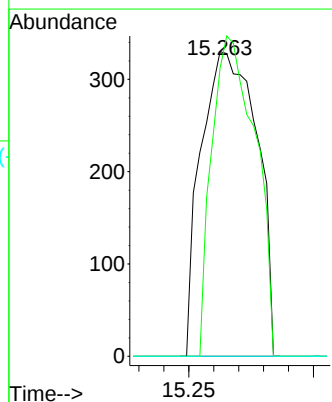
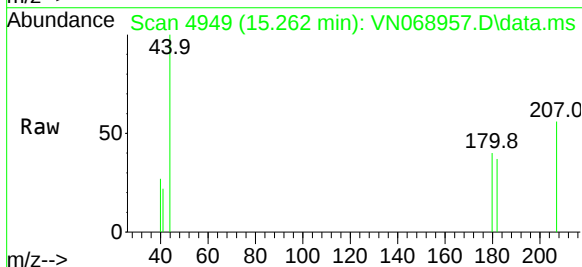
Instrument :
MSVOA_N
ClientSampleId :

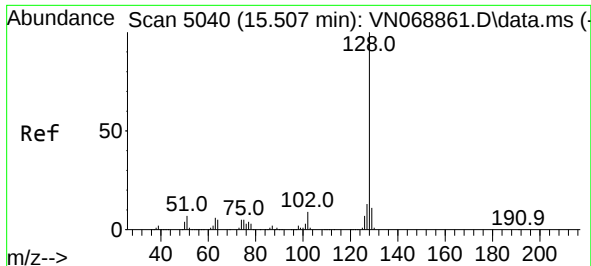
Tgt Ion: 75 Resp: 124362
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.755 ug/l
RT: 15.262 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion:180 Resp: 512
Ion Ratio Lower Upper
180 100
182 81.8 47.9 143.7
145 0.0 16.4 49.2#

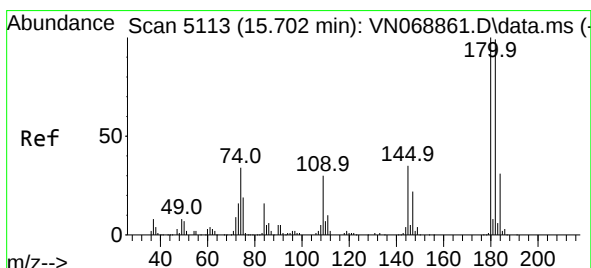
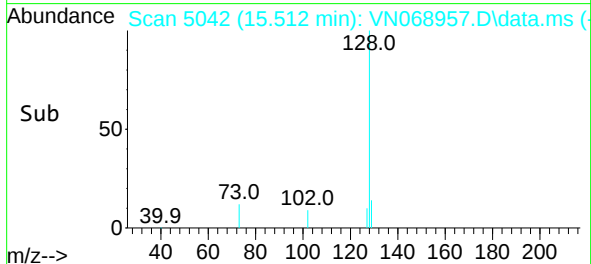
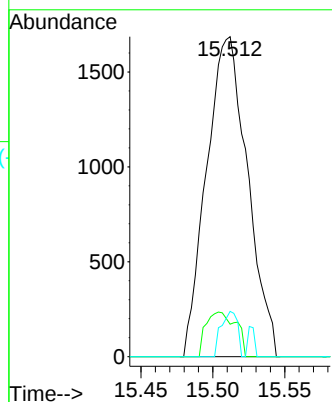
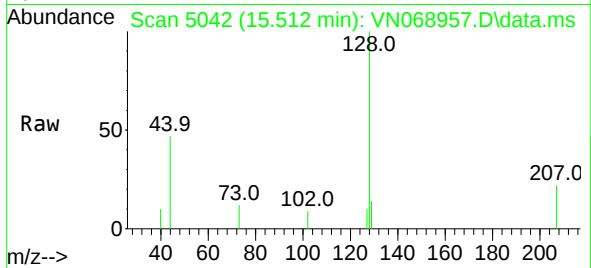




#95
Naphthalene
Concen: 4.166 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 3341
Ion Ratio Lower Upper
128 100
127 10.2 10.5 15.7#
129 5.6 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 2.671 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068957.D
Acq: 15 Oct 2021 18:27

Tgt Ion:180 Resp: 497
Ion Ratio Lower Upper
180 100
182 102.6 48.1 144.3
145 0.0 17.4 52.2#

