

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101921\
 Data File : VN069028.D
 Acq On : 19 Oct 2021 16:09
 Operator : JC/MD
 Sample : M4251-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 20 05:48:58 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)

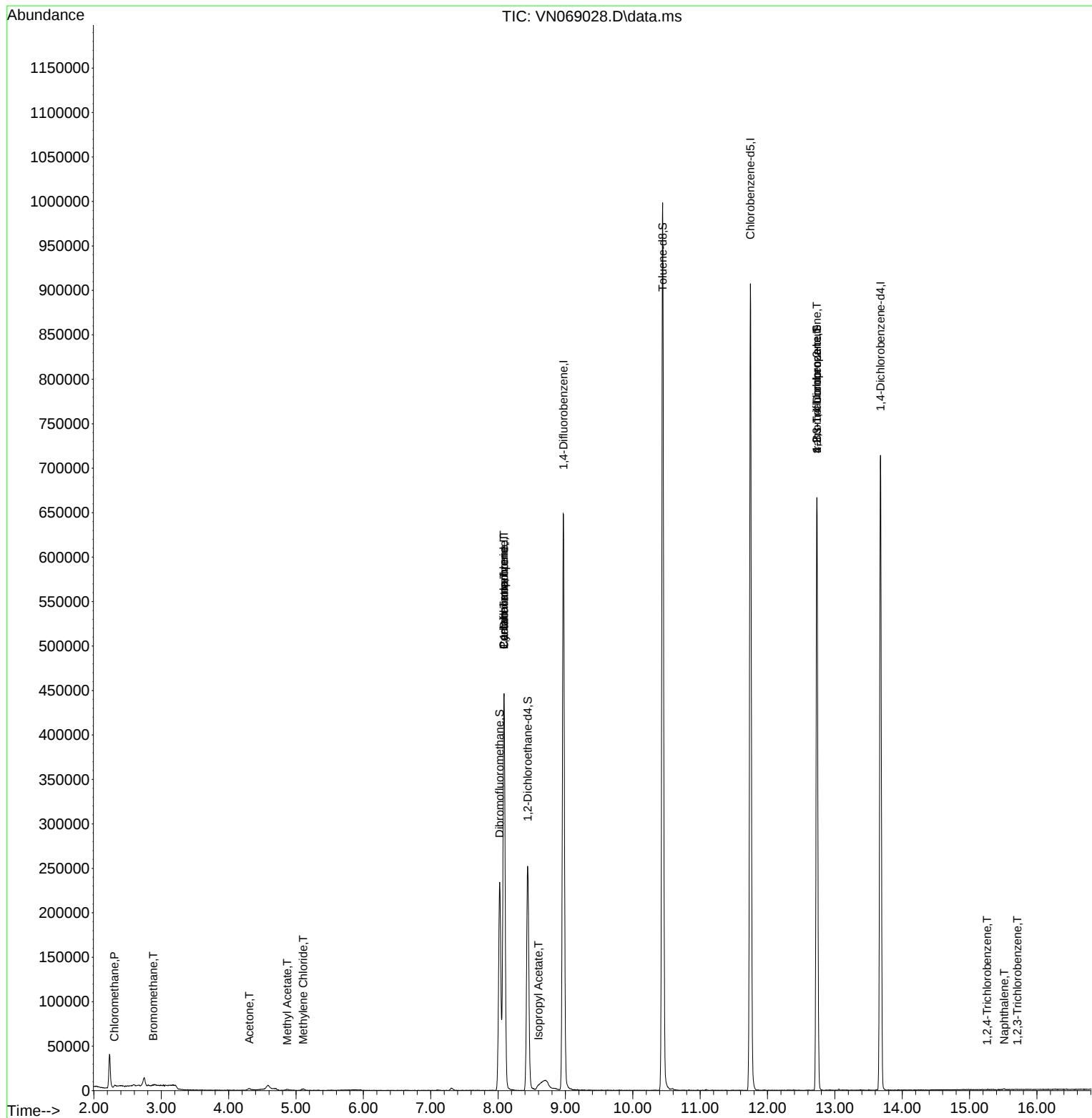
Internal Standards						
1) Pentafluorobenzene	8.088	168	337990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	537243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	191339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	217795	48.874	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	97.740%	
35) Dibromofluoromethane	8.024	113	172553	51.144	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	102.280%	
50) Toluene-d8	10.443	98	717090	53.120	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	106.240%	
62) 4-Bromofluorobenzene	12.733	95	242491	47.611	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	95.220%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.303	50	1575	0.381	ug/l	96
5) Bromomethane	2.880	94	938	0.406	ug/l	100
16) Acetone	4.309	43	3172	1.907	ug/l #	81
18) Methyl Acetate	4.870	43	1740	0.276	ug/l #	79
20) Methylene Chloride	5.106	84	1449	0.379	ug/l	85
31) Cyclohexane	8.088	56	7938	1.146	ug/l #	14
36) 1,1-Dichloropropene	8.088	75	28024	5.658	ug/l #	48
38) Carbon Tetrachloride	8.088	117	35406	6.509	ug/l #	15
43) Isopropyl Acetate	8.601	43	3743	0.415	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	127435	31.302	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	127435	74.888	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.263	180	145	2.644	ug/l #	39
95) Naphthalene	15.515	128	1304	3.947	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.708	180	87	2.541	ug/l #	33

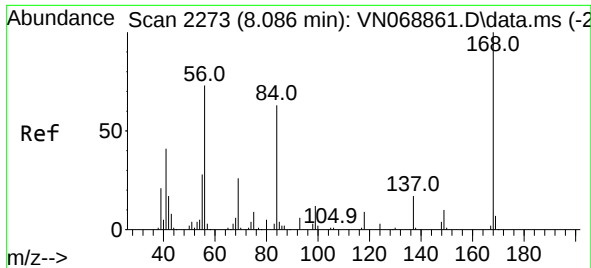
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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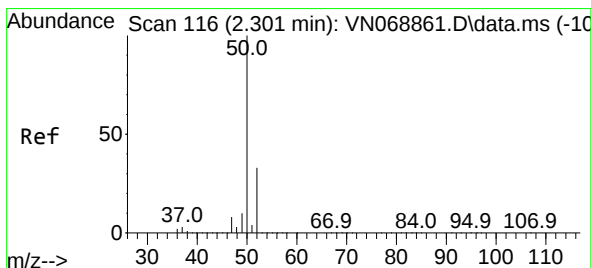
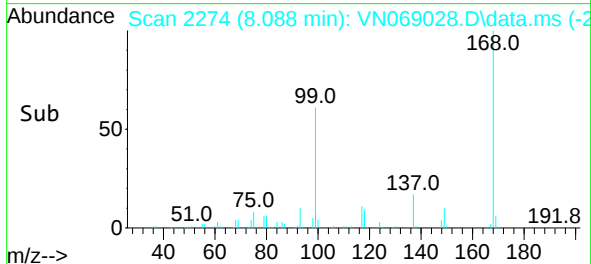
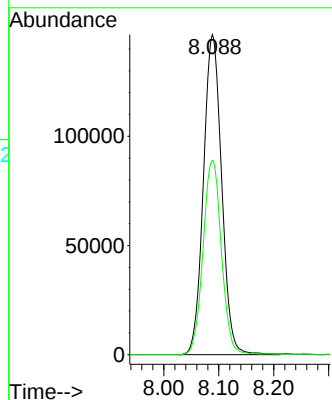
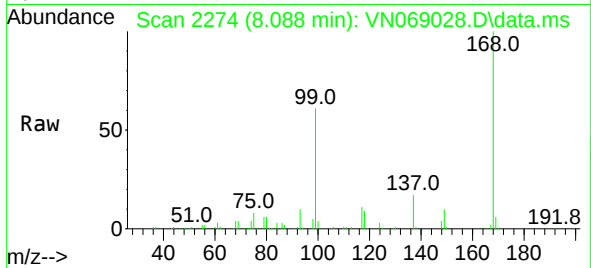




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

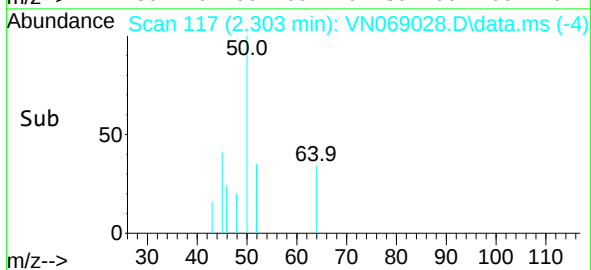
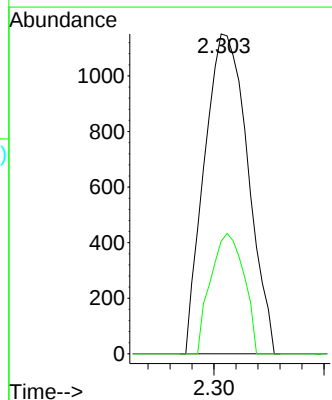
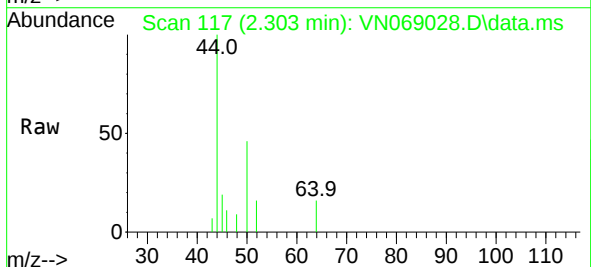
Instrument :
MSVOA_N
ClientSampleId :

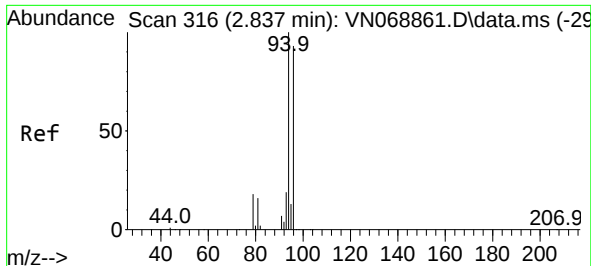
Tgt Ion:168 Resp: 337990
Ion Ratio Lower Upper
168 100
99 60.7 48.9 73.3



#3
Chloromethane
Concen: 0.381 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

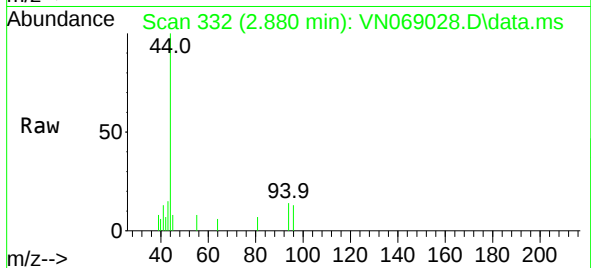
Tgt Ion: 50 Resp: 1575
Ion Ratio Lower Upper
50 100
52 35.2 26.3 39.5



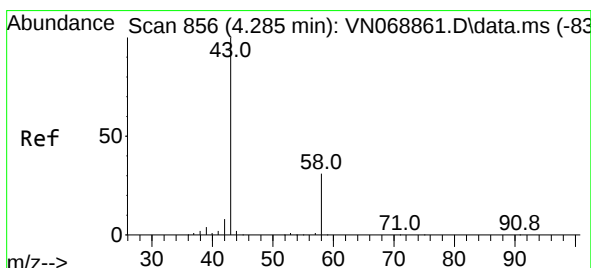
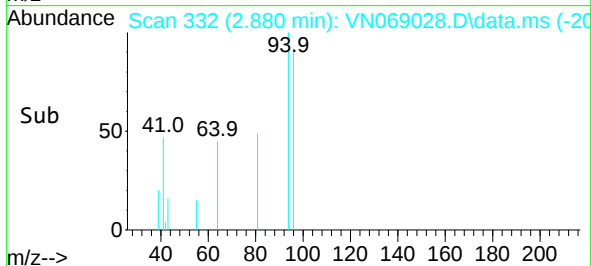
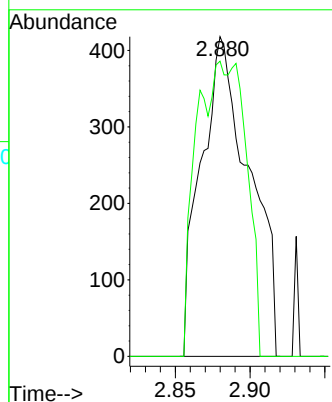


#5
Bromomethane
Concen: 0.406 ug/l
RT: 2.880 min Scan# 332
Delta R.T. 0.043 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Instrument :
MSVOA_N
ClientSampled :

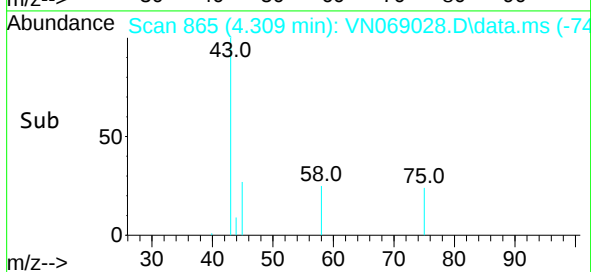
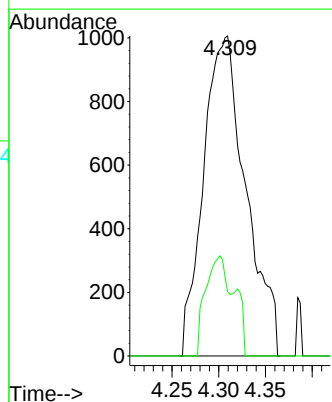
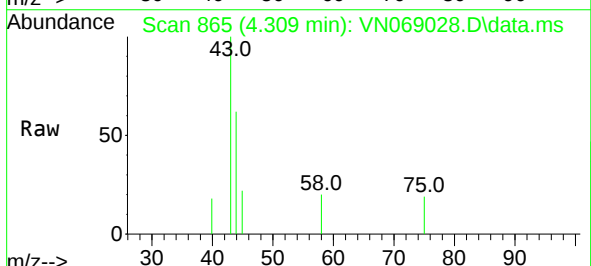


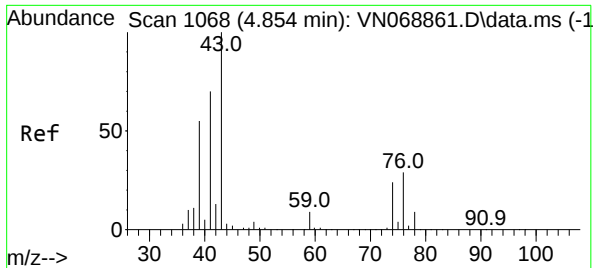
Tgt Ion: 94 Resp: 938
Ion Ratio Lower Upper
94 100
96 92.3 74.2 111.4



#16
Acetone
Concen: 1.907 ug/l
RT: 4.309 min Scan# 865
Delta R.T. 0.024 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion: 43 Resp: 3172
Ion Ratio Lower Upper
43 100
58 20.2 24.5 36.7#

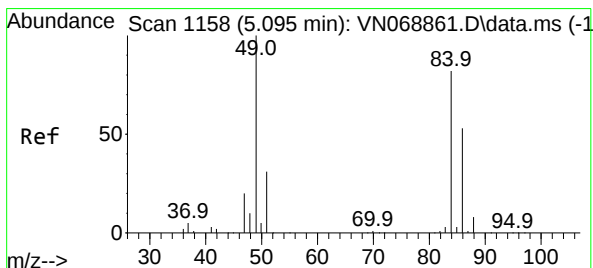
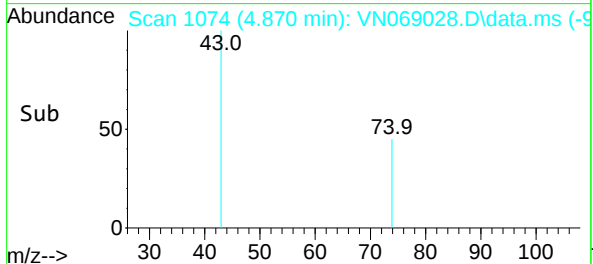
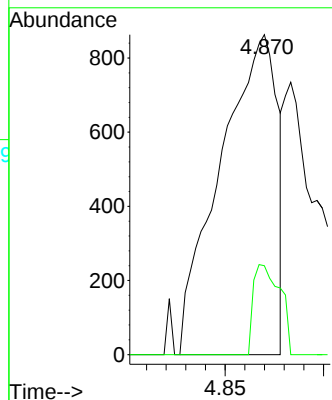
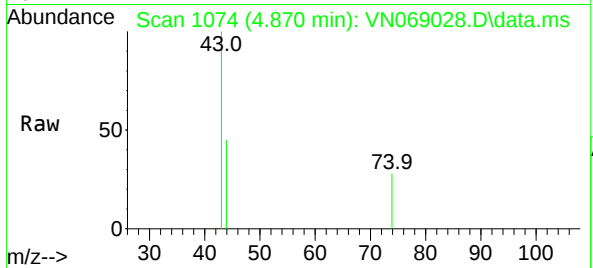




#18
Methyl Acetate
Concen: 0.276 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.016 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

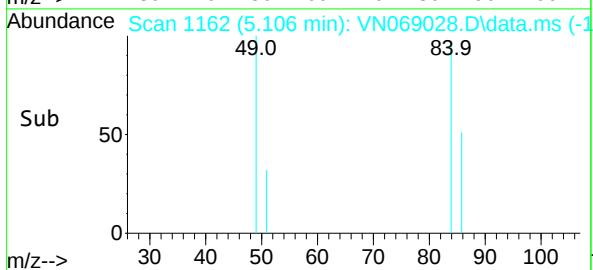
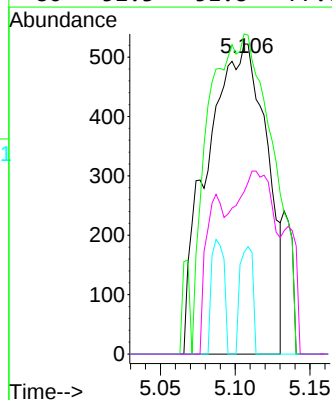
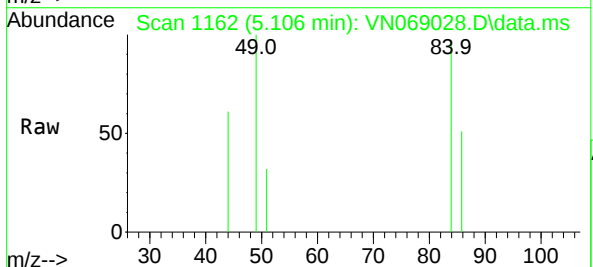
Instrument :
MSVOA_N
ClientSampled :

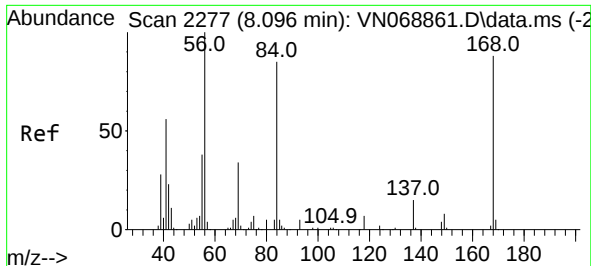
Tgt Ion: 43 Resp: 1740
Ion Ratio Lower Upper
43 100
74 13.1 18.9 28.3#



#20
Methylene Chloride
Concen: 0.379 ug/l
RT: 5.106 min Scan# 1162
Delta R.T. 0.011 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion: 84 Resp: 1449
Ion Ratio Lower Upper
84 100
49 103.3 97.6 146.4
51 32.8 30.3 45.5
86 52.3 51.8 77.6

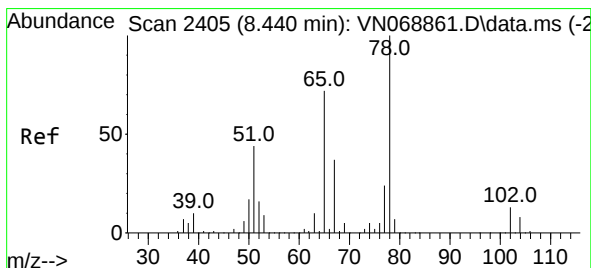
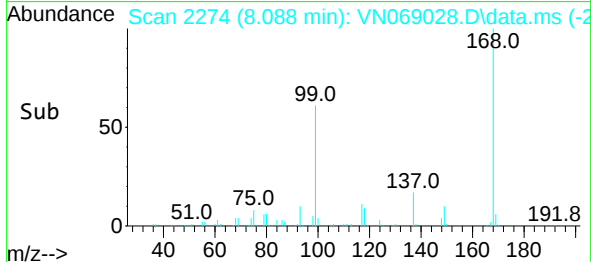
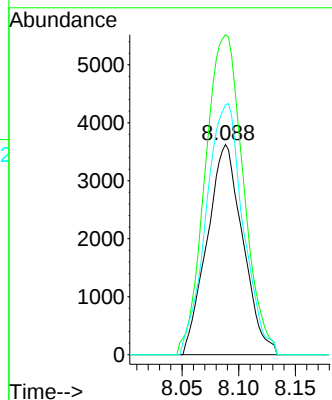
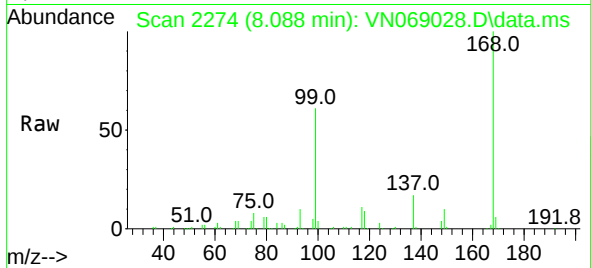




#31
Cyclohexane
Concen: 1.146 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

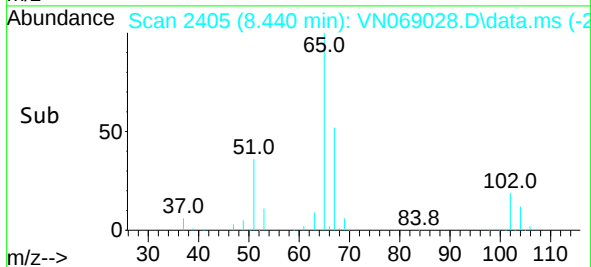
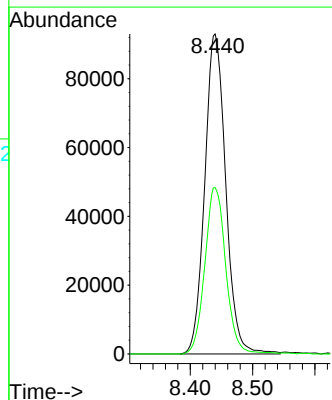
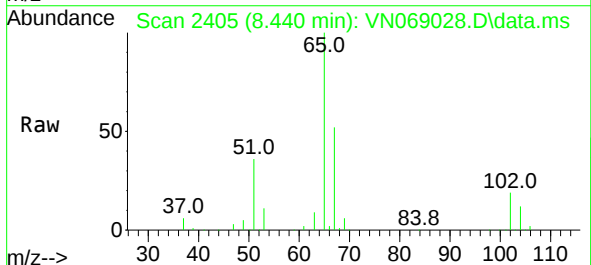
Instrument :
MSVOA_N
ClientSampleId :

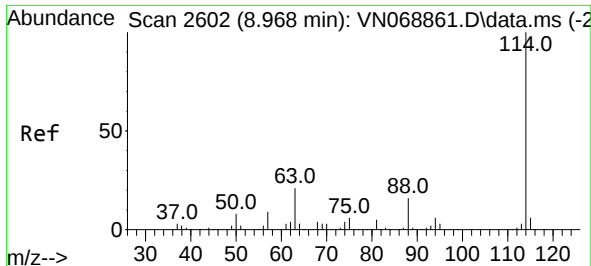
Tgt Ion: 56 Resp: 7938
Ion Ratio Lower Upper
56 100
69 152.2 26.9 40.3#
84 118.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.874 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion: 65 Resp: 217795
Ion Ratio Lower Upper
65 100
67 51.9 0.0 103.8

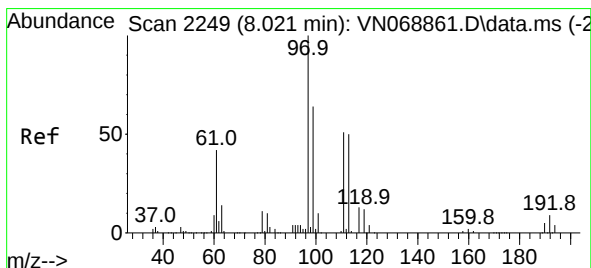
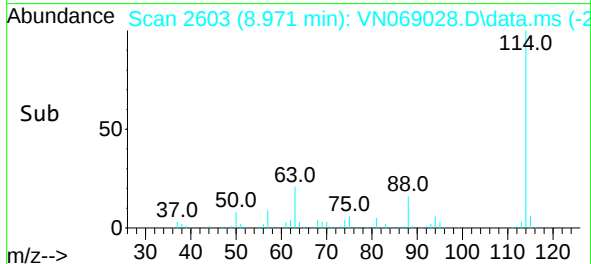
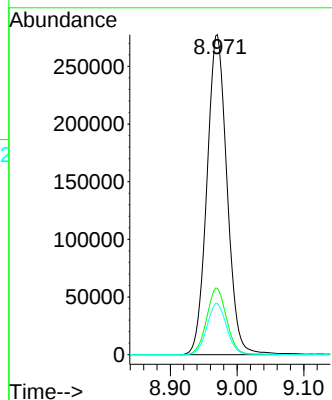
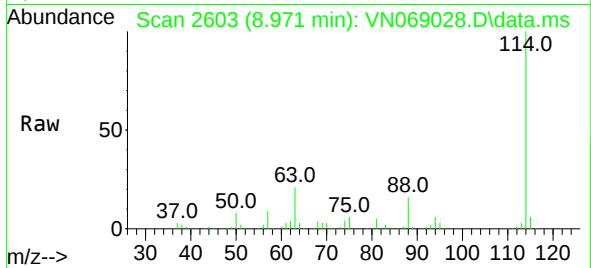




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

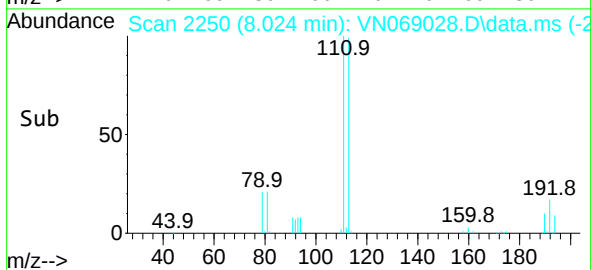
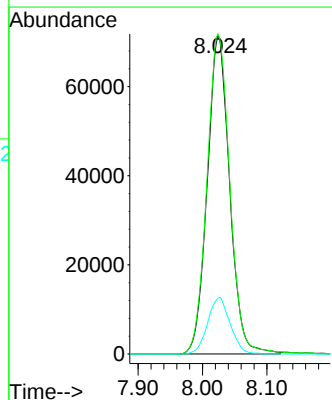
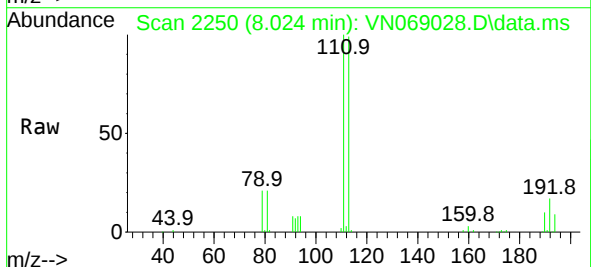
Instrument :
MSVOA_N
ClientSampled :

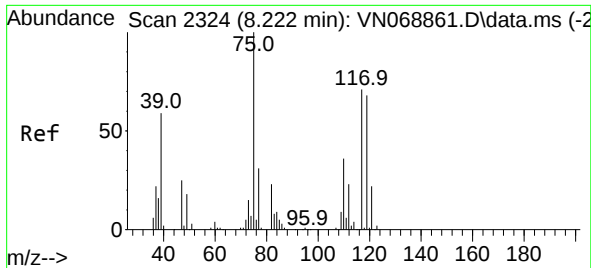
Tgt Ion:114 Resp: 579893
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 51.144 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion:113 Resp: 172553
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 17.8 15.0 22.4

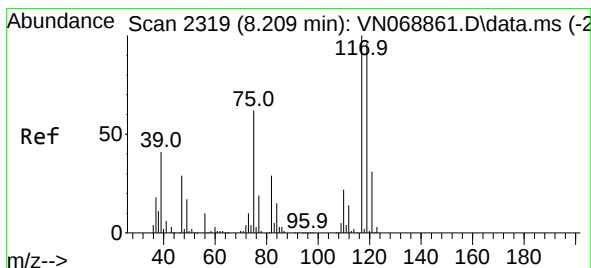
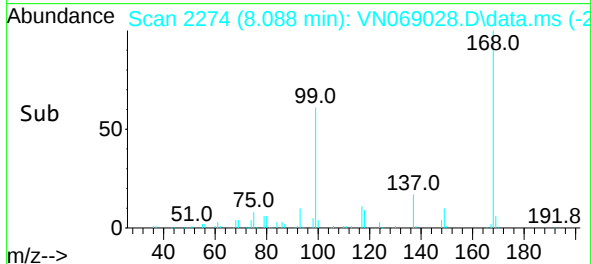
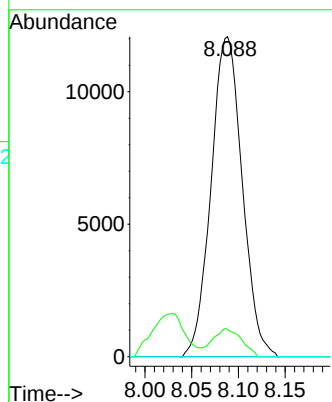
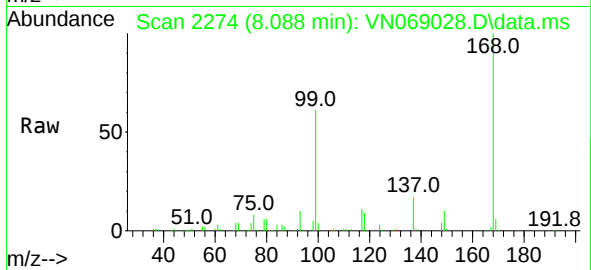




#36
1,1-Dichloropropene
Concen: 5.658 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

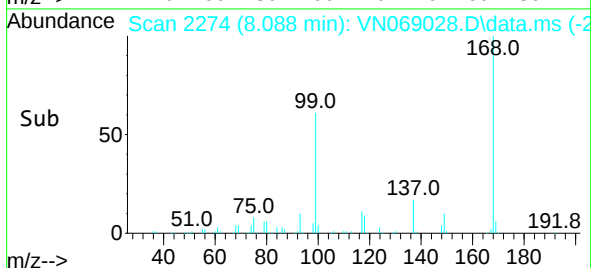
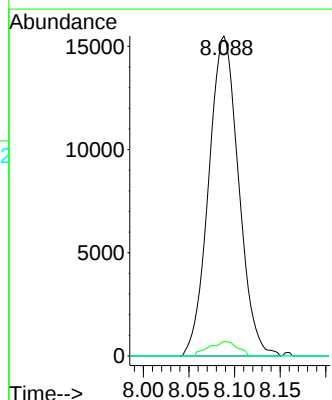
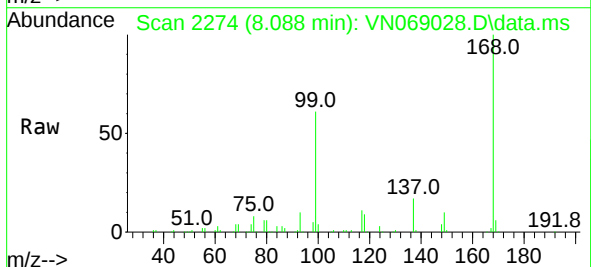
Instrument :
MSVOA_N
ClientSampled :

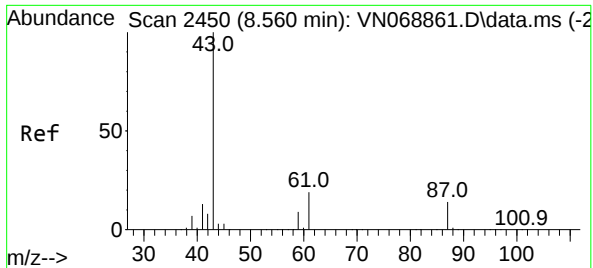
Tgt Ion: 75 Resp: 28024
Ion Ratio Lower Upper
75 100
110 8.1 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion: 117 Resp: 35406
Ion Ratio Lower Upper
117 100
119 4.5 76.9 115.3#
121 0.0 24.6 37.0#

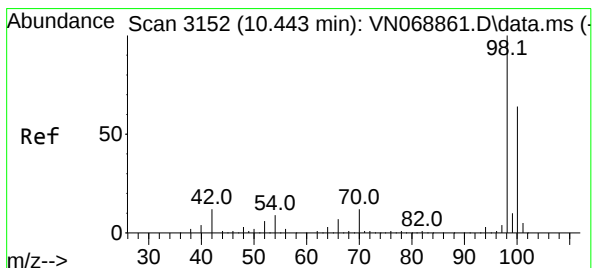
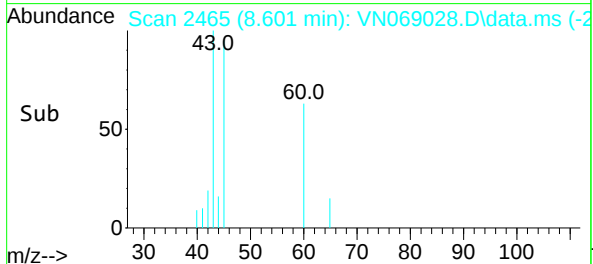
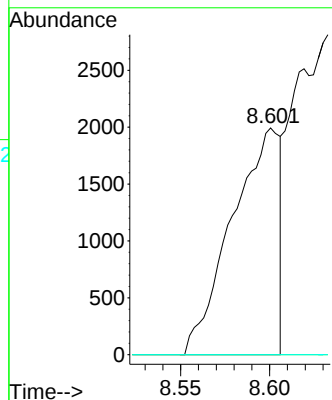
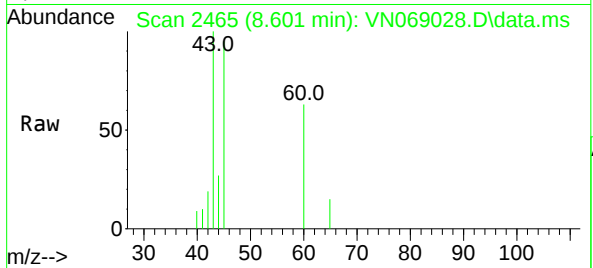




#43
Isopropyl Acetate
Concen: 0.415 ug/l
RT: 8.601 min Scan# 2465
Delta R.T. 0.040 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

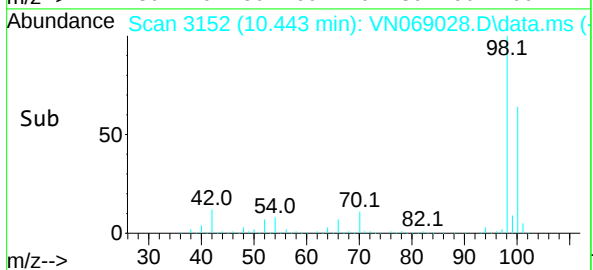
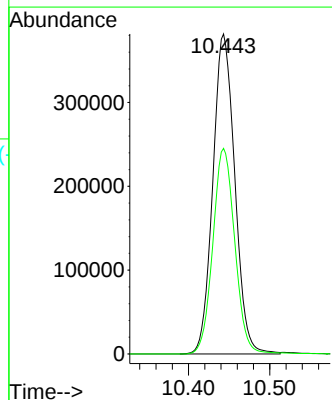
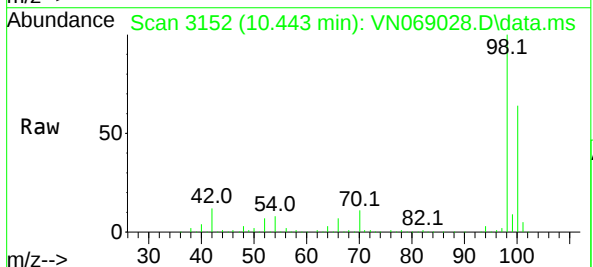
Instrument :
MSVOA_N
ClientSampled :

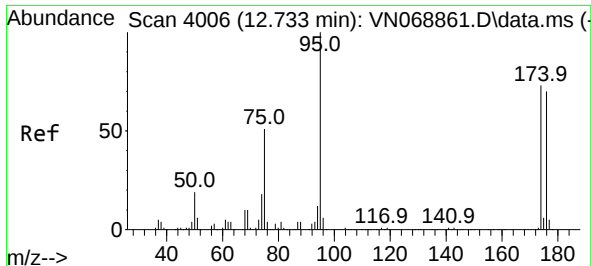
Tgt Ion: 43 Resp: 3743
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.120 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion: 98 Resp: 717090
Ion Ratio Lower Upper
98 100
100 64.2 51.5 77.3

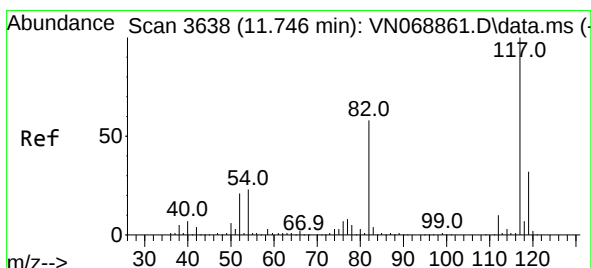
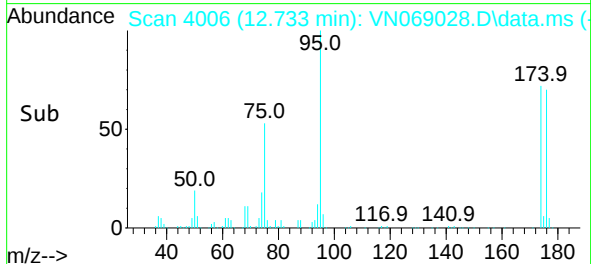
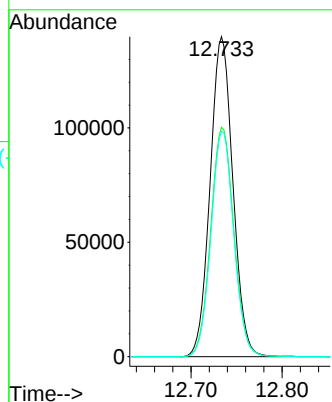
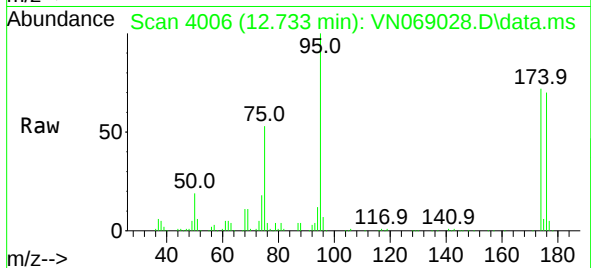




#62
4-Bromofluorobenzene
Concen: 47.611 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

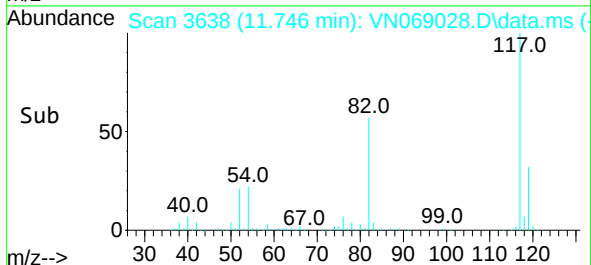
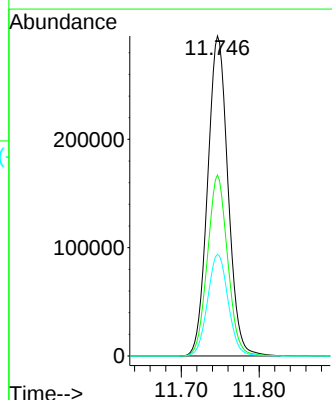
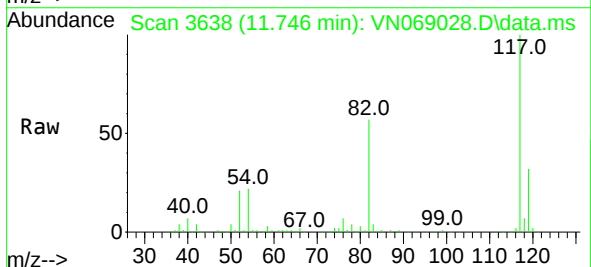
Instrument :
MSVOA_N
ClientSampleId :

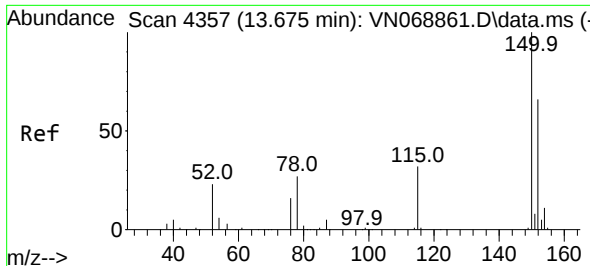
Tgt Ion: 95 Resp: 242491
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.8
176 70.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion: 117 Resp: 537243
Ion Ratio Lower Upper
117 100
82 56.6 46.4 69.6
119 31.8 26.0 39.0

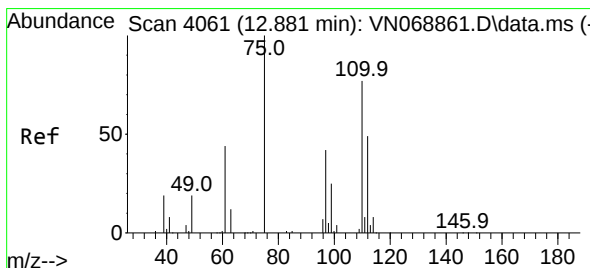
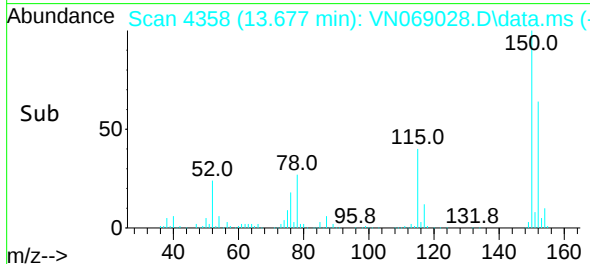
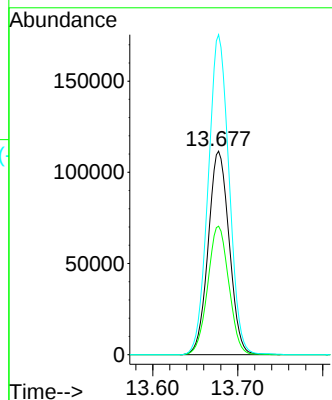
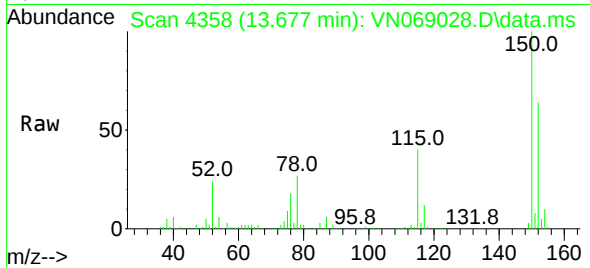




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

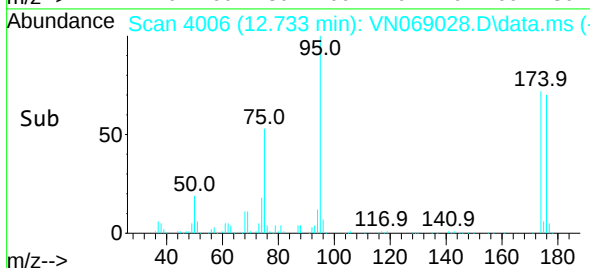
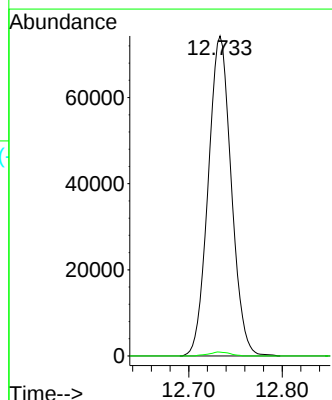
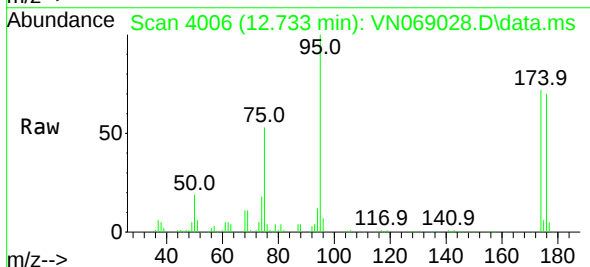
Instrument :
 MSVOA_N
 ClientSampled :

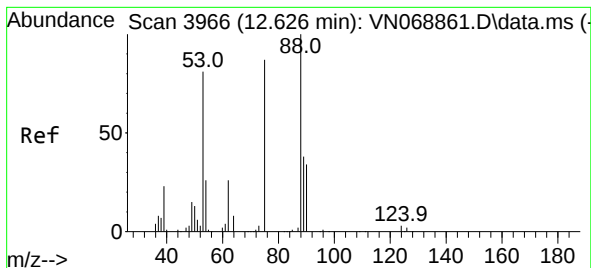
Tgt Ion:152 Resp: 191339
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.4 94.3
 150 156.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.302 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069028.D
 Acq: 19 Oct 2021 16:09

Tgt Ion: 75 Resp: 127435
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.2 288.4#

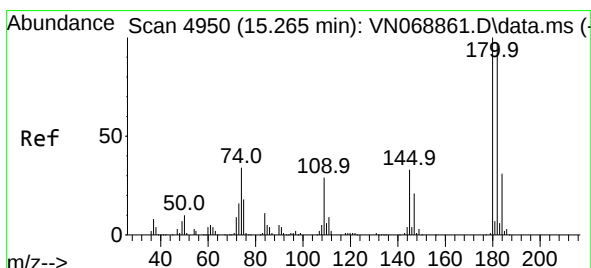
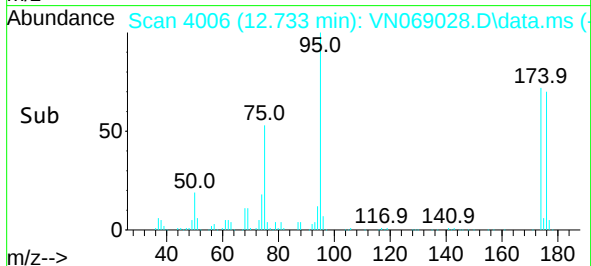
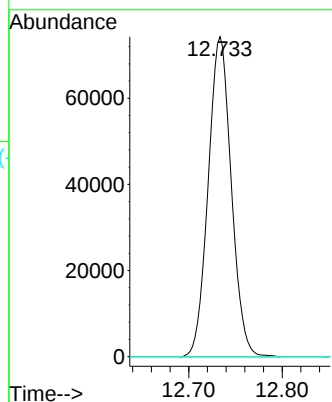
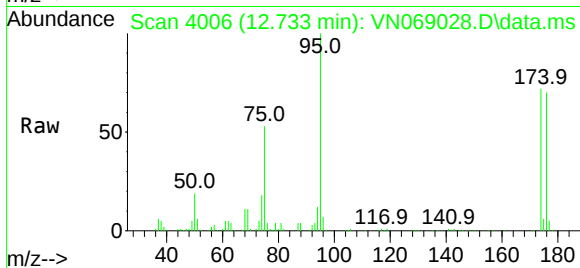




#81
trans-1,4-Dichloro-2-butene
Concen: 74.888 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

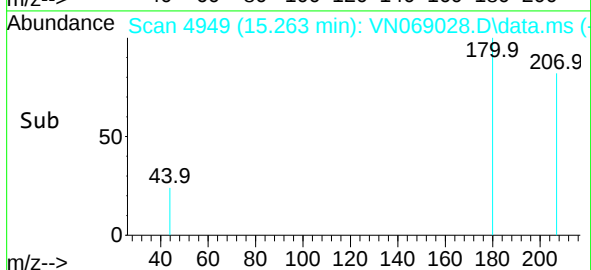
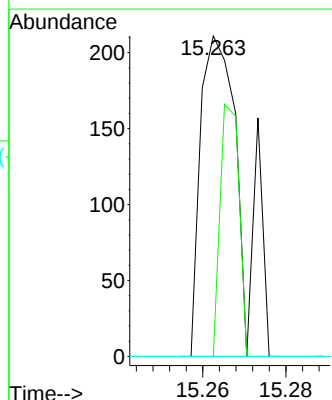
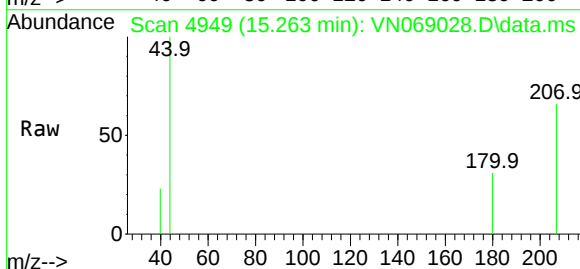
Instrument :
MSVOA_N
ClientSampleId :

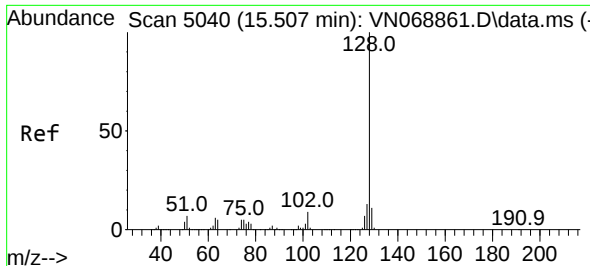
Tgt Ion: 75 Resp: 127435
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.644 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

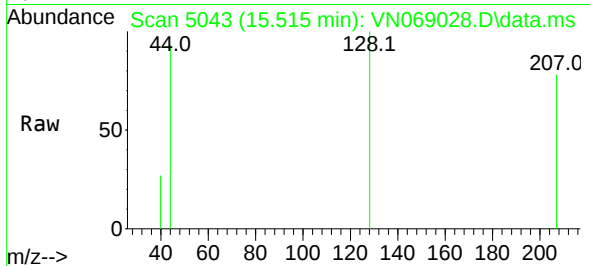
Tgt Ion:180 Resp: 145
Ion Ratio Lower Upper
180 100
182 35.9 47.9 143.7#
145 0.0 16.4 49.2#



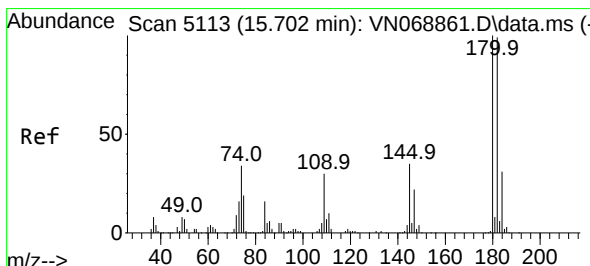
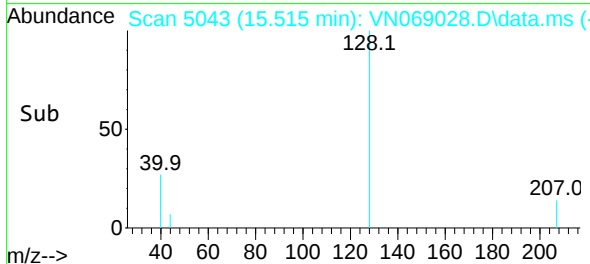
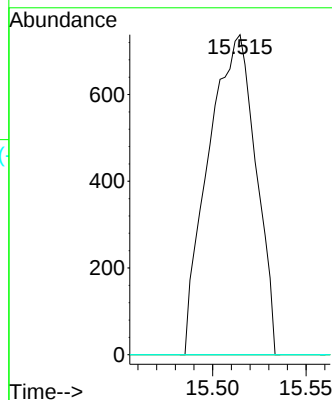


#95
Naphthalene
Concen: 3.947 ug/l
RT: 15.515 min Scan# 5043
Delta R.T. 0.008 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 1304
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: 2.541 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.006 min
Lab File: VN069028.D
Acq: 19 Oct 2021 16:09

Tgt Ion:180 Resp: 87
Ion Ratio Lower Upper
180 100
182 28.7 48.1 144.3#
145 0.0 17.4 52.2#

