

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069207.D
 Acq On : 27 Oct 2021 1:10
 Operator : JC/MD
 Sample : M4337-21
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 09:26:18 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)

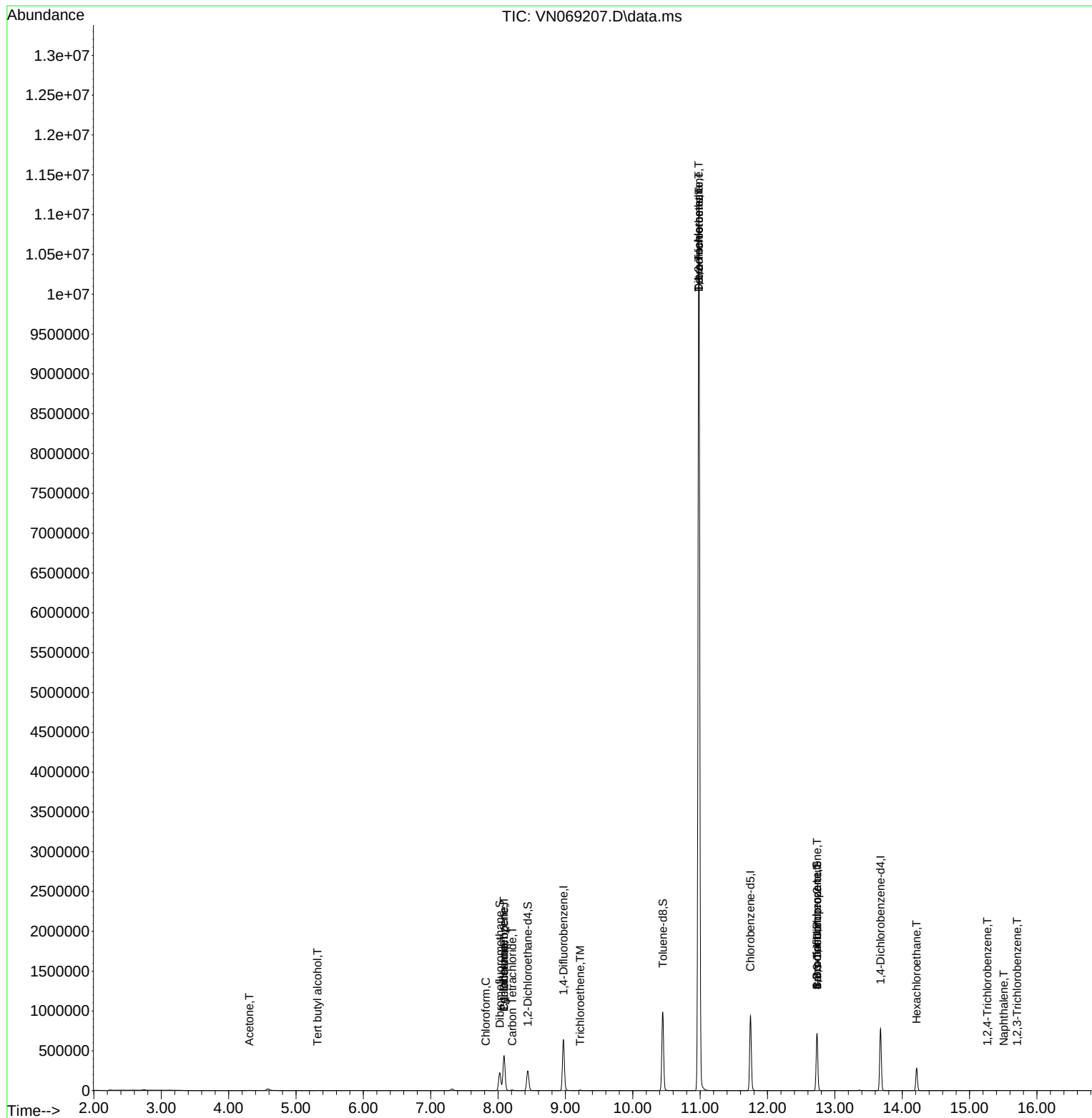
Internal Standards						
1) Pentafluorobenzene	8.088	168	325685	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	568643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	552088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	205456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	213570	49.736	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.480%		
35) Dibromofluoromethane	8.027	113	164963	49.862	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.720%		
50) Toluene-d8	10.446	98	712118	53.795	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.600%		
62) 4-Bromofluorobenzene	12.733	95	257350	51.528	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.060%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.318	59	1117	1.424	ug/l #	72
16) Acetone	4.307	43	5630	3.513	ug/l #	89
30) Chloroform	7.817	83	4365	0.650	ug/l #	82
31) Cyclohexane	8.088	56	7841	1.174	ug/l #	6
36) 1,1-Dichloropropene	8.088	75	26819	5.522	ug/l #	49
38) Carbon Tetrachloride	8.209	117	6356	1.192	ug/l	95
44) Trichloroethene	9.220	130	3032	0.819	ug/l	97
55) 1,1,2-Trichloroethane	10.979	97	23908	6.373	ug/l #	5
60) Dibromochloromethane	10.979	129	2462482	581.501	ug/l #	10
64) Tetrachloroethene	10.982	164	2430100	683.287	ug/l	98
71) Bromoform	12.733	173	1831	0.559	ug/l #	1
76) 1,2,3-Trichloropropane	12.736	75	137014	31.342	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.736	75	137014	74.985	ug/l #	12
90) Hexachloroethane	14.214	117	48706	16.833	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	225	2.663	ug/l #	69
95) Naphthalene	15.507	128	1446	3.952	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.705	180	256	2.588	ug/l #	26

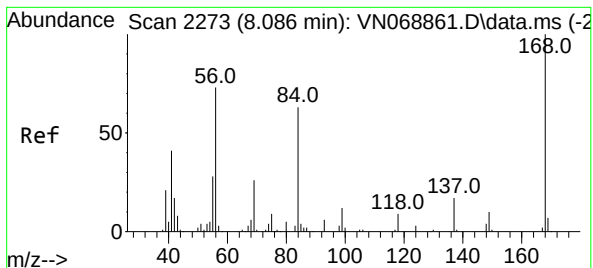
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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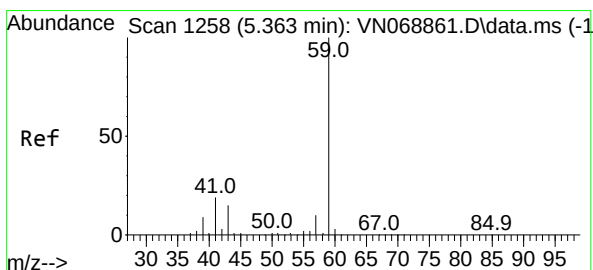
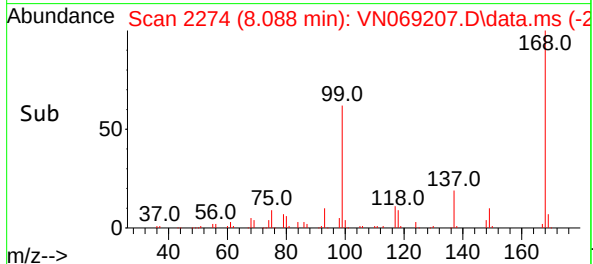
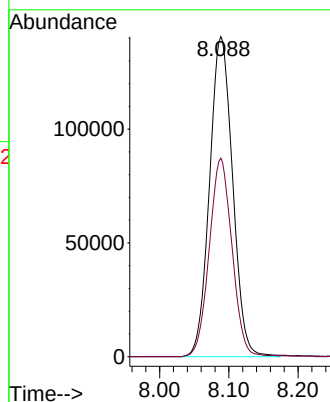
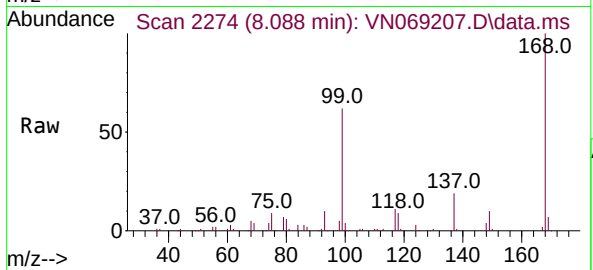




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

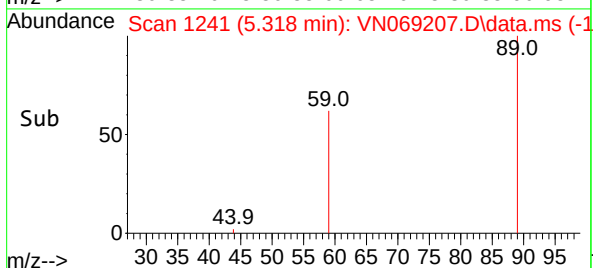
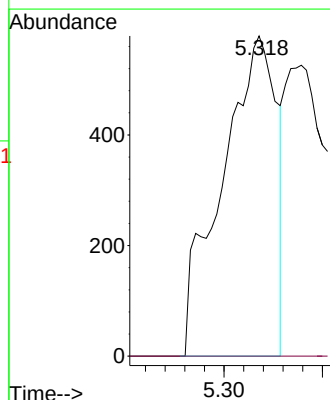
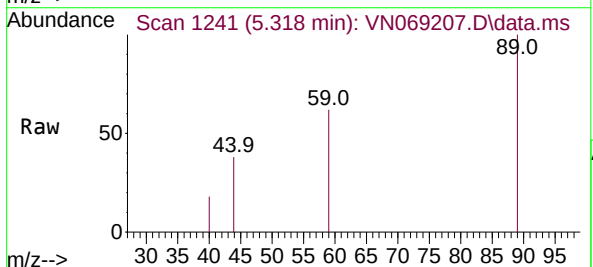
Instrument :
MSVOA_N
ClientSampleId :

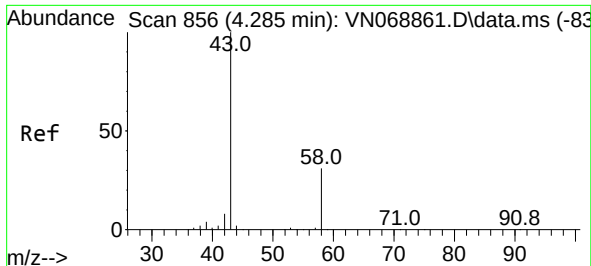
Tgt Ion:168 Resp: 325685
Ion Ratio Lower Upper
168 100
99 62.1 48.9 73.3



#11
Tert butyl alcohol
Concen: 1.424 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.046 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion: 59 Resp: 1117
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

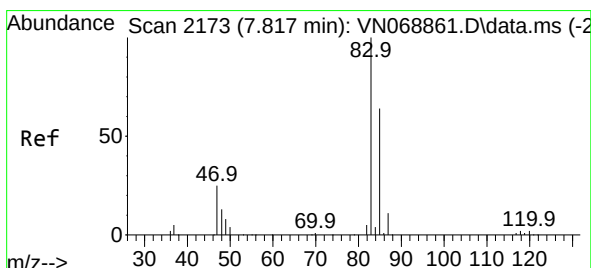
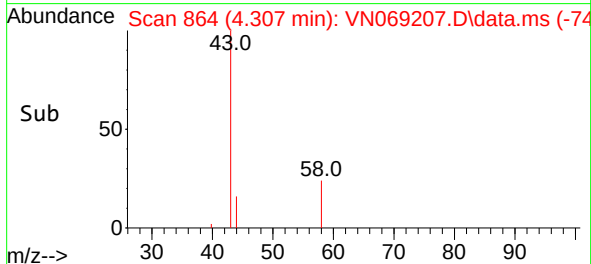
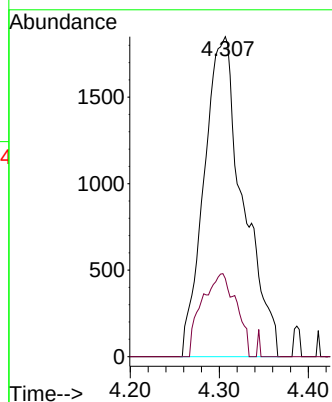
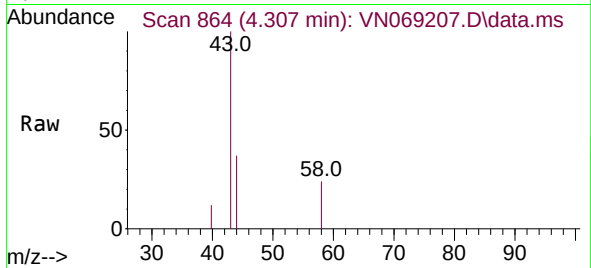




#16
Acetone
Concen: 3.513 ug/l
RT: 4.307 min Scan# 864
Delta R.T. 0.021 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

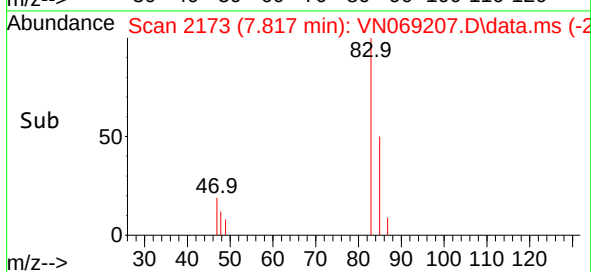
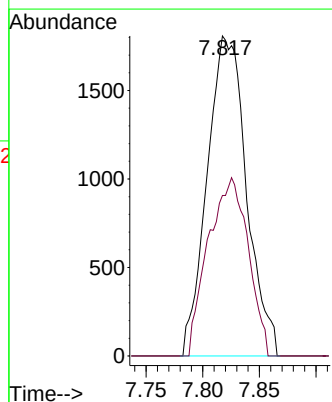
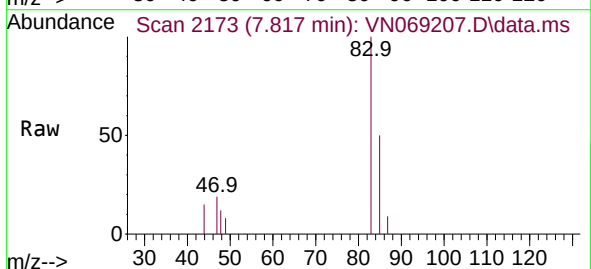
Instrument :
MSVOA_N
ClientSampled :

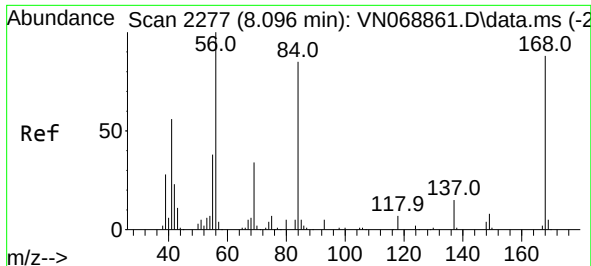
Tgt Ion: 43 Resp: 5630
Ion Ratio Lower Upper
43 100
58 24.4 24.5 36.7#



#30
Chloroform
Concen: 0.650 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion: 83 Resp: 4365
Ion Ratio Lower Upper
83 100
85 50.2 51.1 76.7#

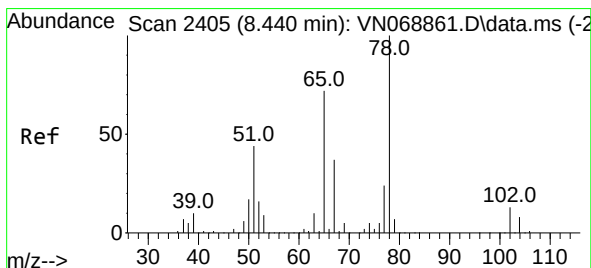
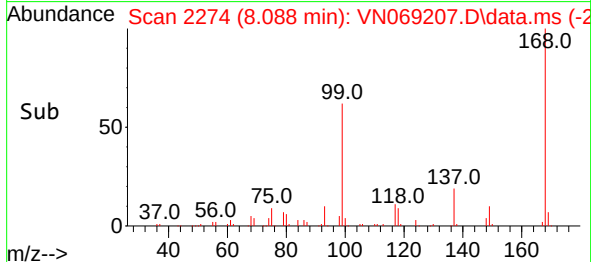
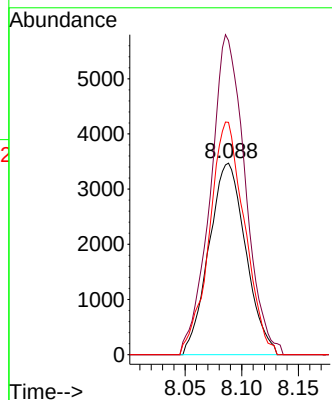
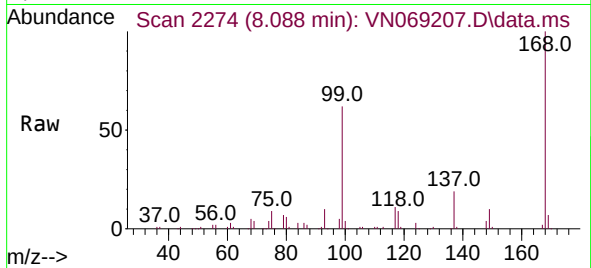




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

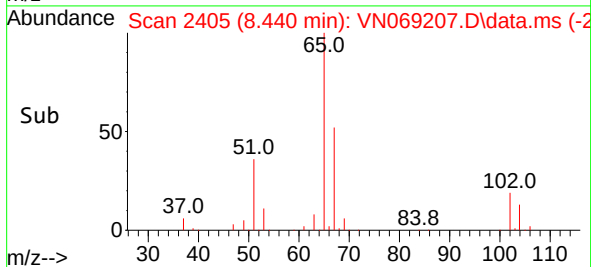
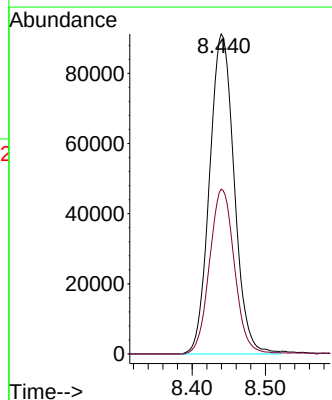
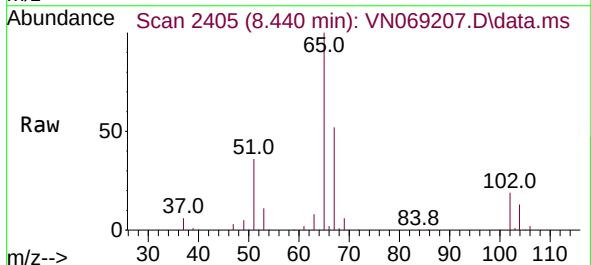
Instrument :
MSVOA_N
ClientSampleId :

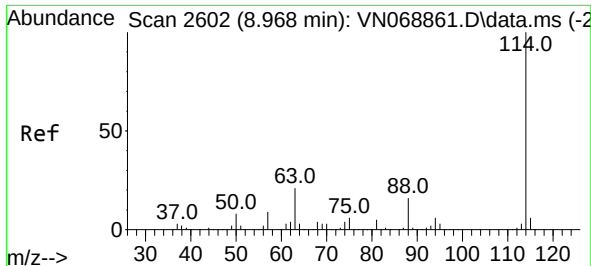
Tgt Ion: 56 Resp: 7841
Ion Ratio Lower Upper
56 100
69 164.0 26.9 40.3#
84 121.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.736 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion: 65 Resp: 213570
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.8

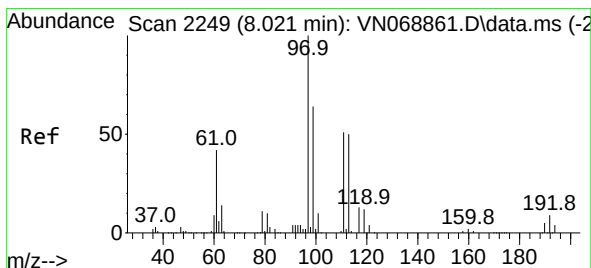
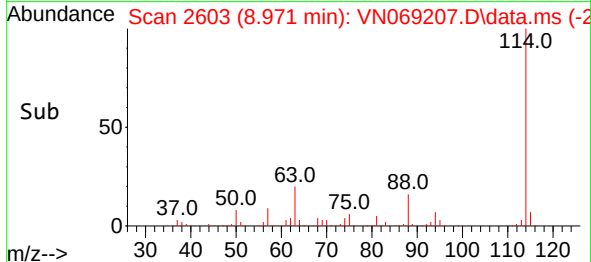
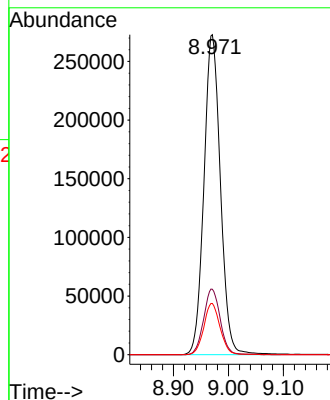
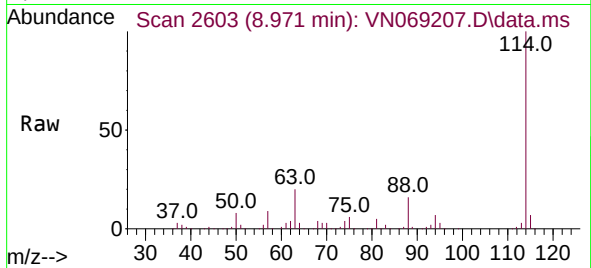




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

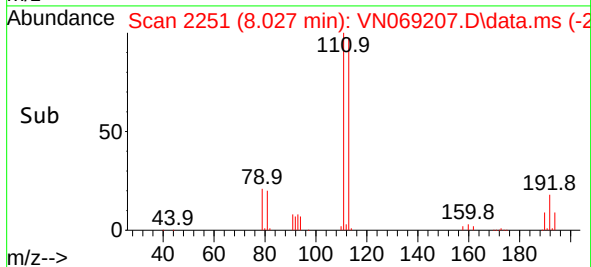
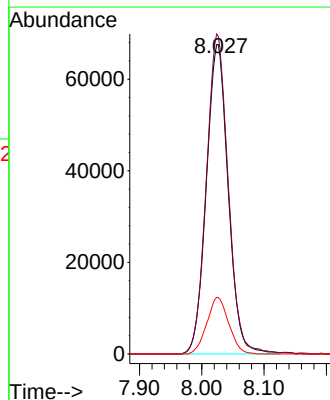
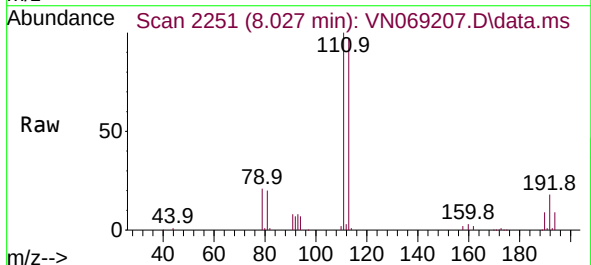
Instrument :
MSVOA_N
ClientSampled :

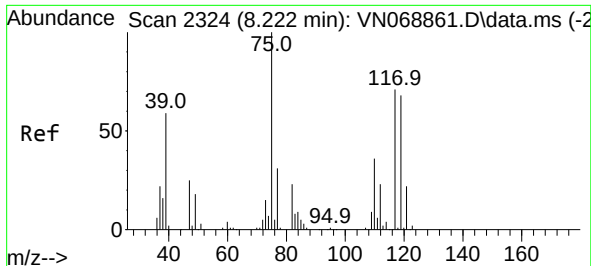
Tgt Ion:114 Resp: 568643
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.862 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion:113 Resp: 164963
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 18.3 15.0 22.4

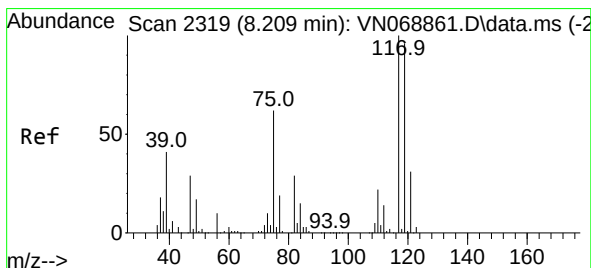
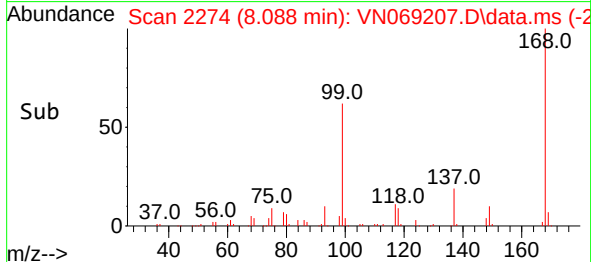
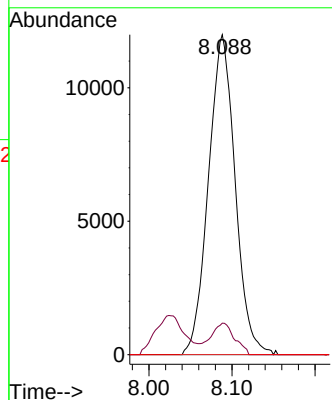
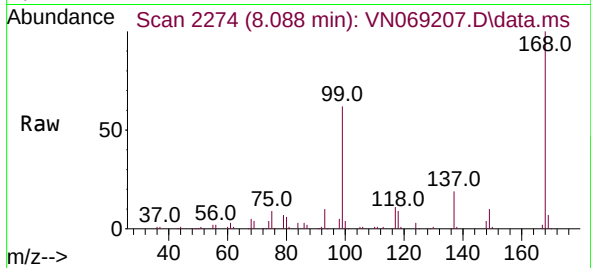




#36
1,1-Dichloropropene
Concen: 5.522 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

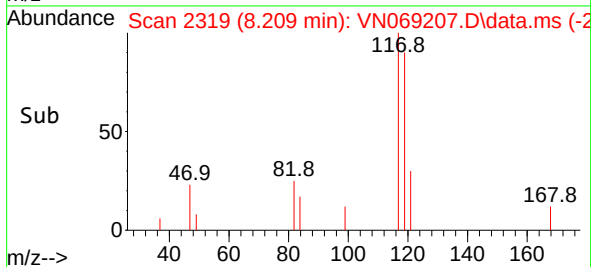
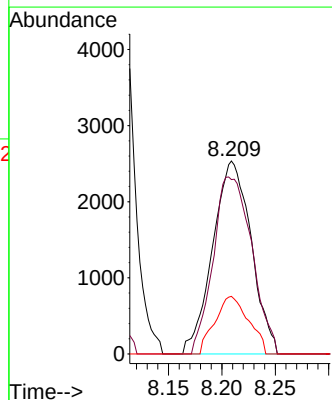
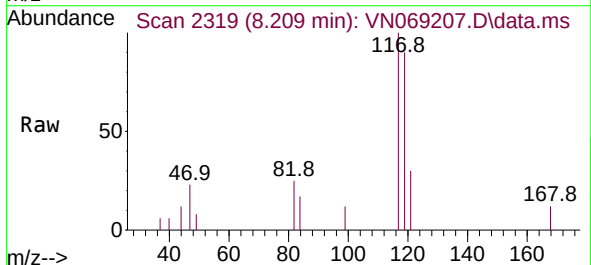
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MSVOA_N
ClientSampleId :

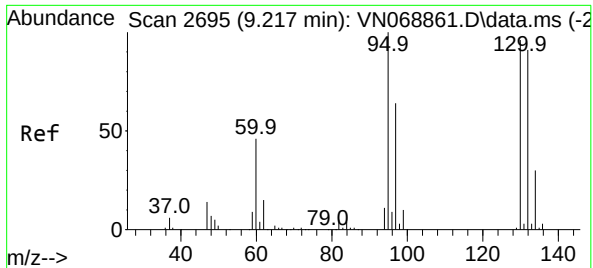
Tgt Ion: 75 Resp: 26819
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 1.192 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion: 117 Resp: 6356
Ion Ratio Lower Upper
117 100
119 90.4 76.9 115.3
121 29.9 24.6 37.0

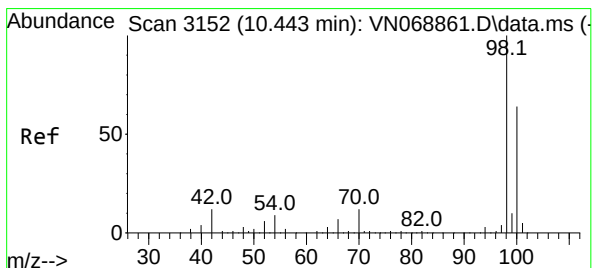
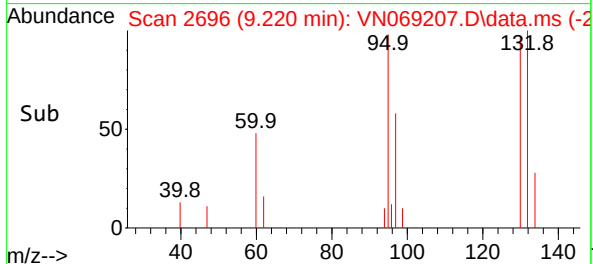
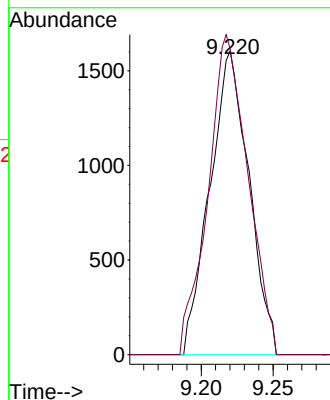
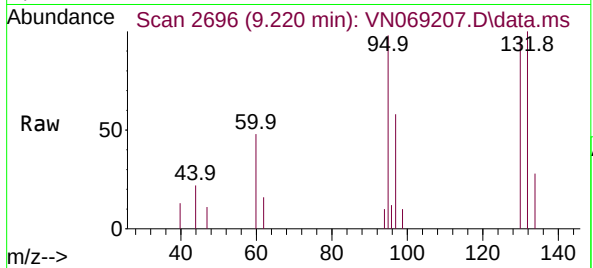




#44
 Trichloroethene
 Concen: 0.819 ug/l
 RT: 9.220 min Scan# 2696
 Delta R.T. 0.003 min
 Lab File: VN069207.D
 Acq: 27 Oct 2021 1:10

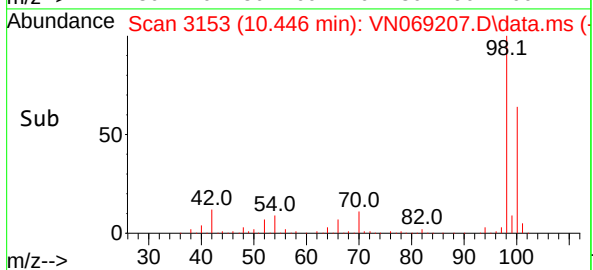
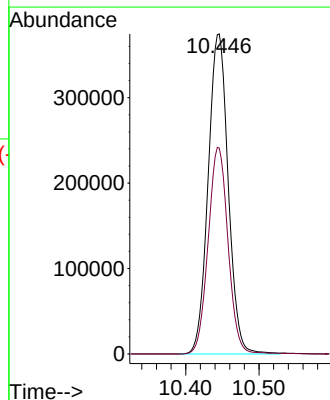
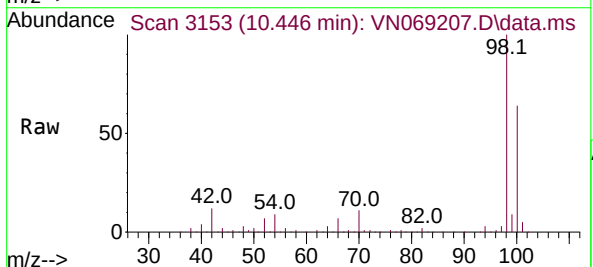
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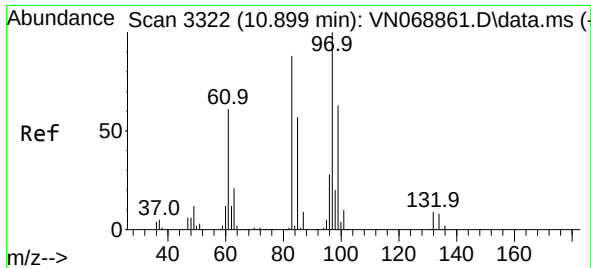
Tgt Ion:130 Resp: 3032
 Ion Ratio Lower Upper
 130 100
 95 100.7 0.0 208.0



#50
 Toluene-d8
 Concen: 53.795 ug/l
 RT: 10.446 min Scan# 3153
 Delta R.T. 0.003 min
 Lab File: VN069207.D
 Acq: 27 Oct 2021 1:10

Tgt Ion: 98 Resp: 712118
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.5 77.3

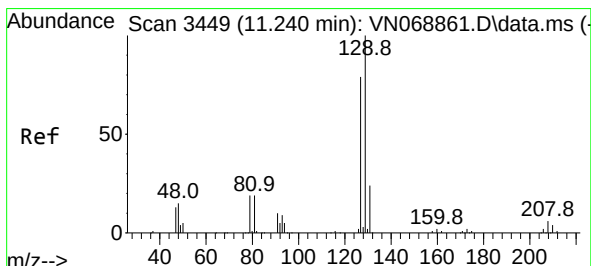
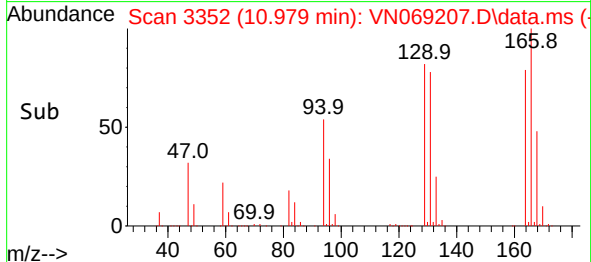
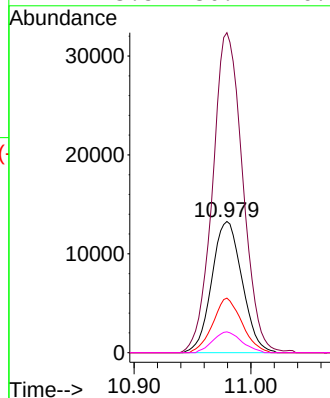
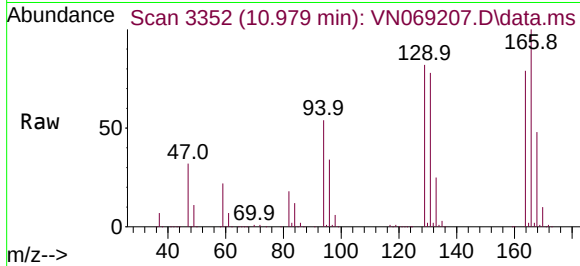




#55
1,1,2-Trichloroethane
Concen: 6.373 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.080 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

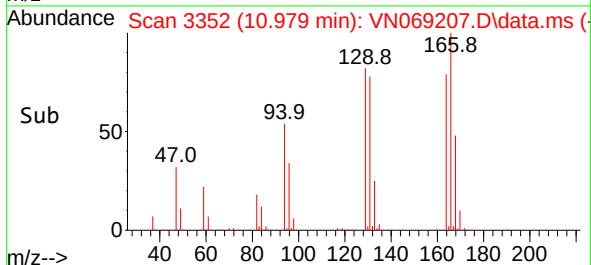
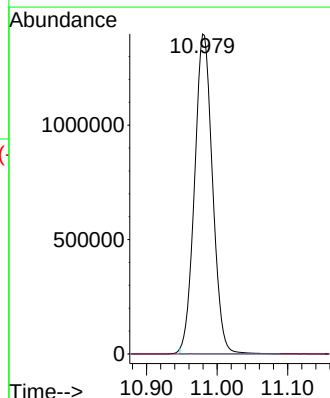
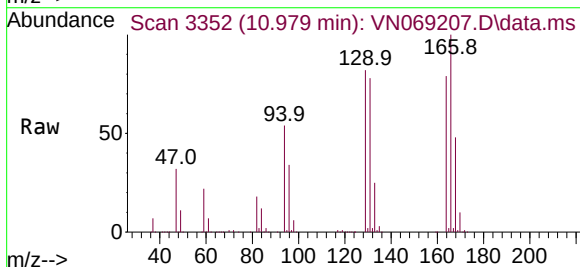
Instrument :
MSVOA_N
ClientSampled :

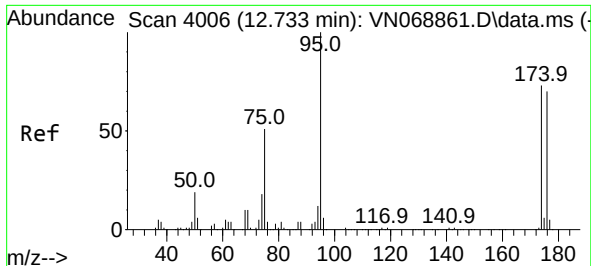
Tgt Ion: 97	Resp: 23908
Ion Ratio	Lower Upper
97 100	
83 243.8	70.5 105.7#
85 41.6	45.3 67.9#
99 15.8	50.7 76.1#



#60
Dibromochloromethane
Concen: 581.501 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.260 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion: 129	Resp: 2462482
Ion Ratio	Lower Upper
129 100	
127 0.0	39.1 117.2#

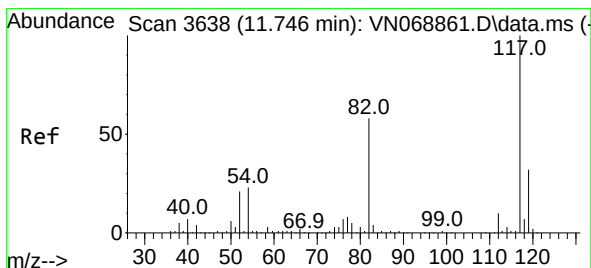
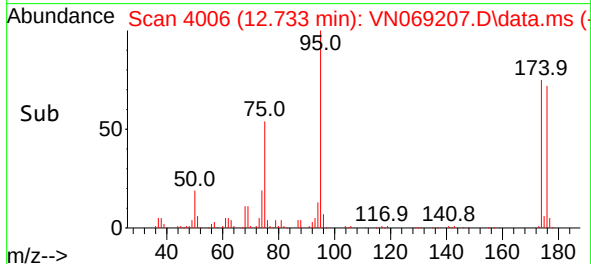
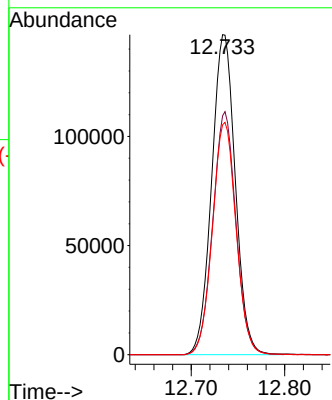
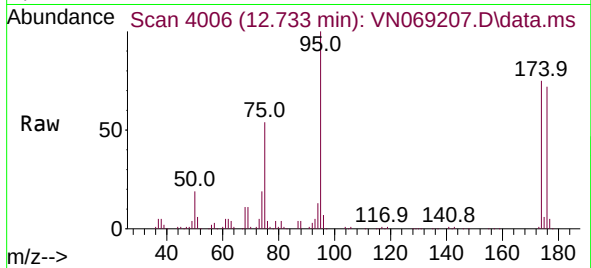




#62
4-Bromofluorobenzene
Concen: 51.528 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

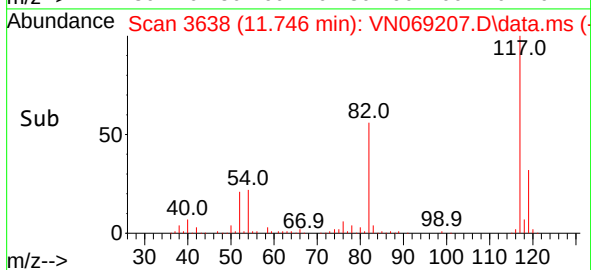
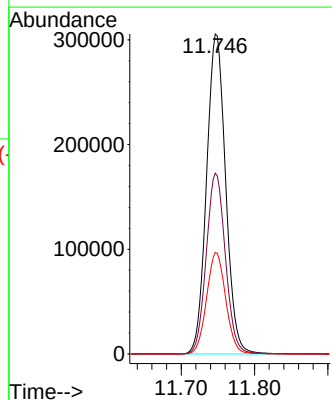
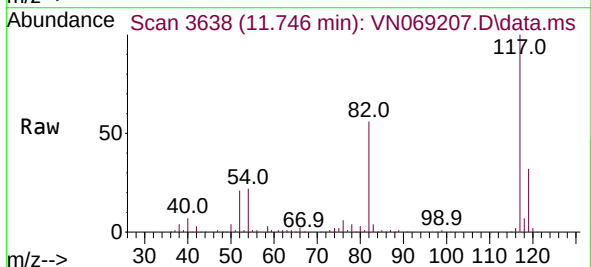
Instrument :
MSVOA_N
ClientSampleId :

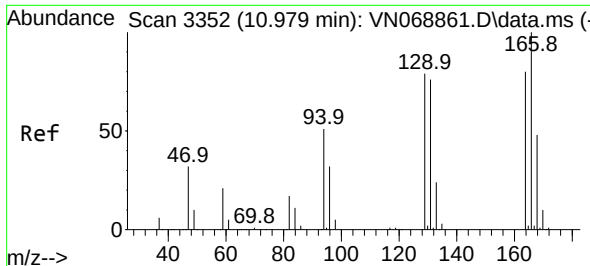
Tgt Ion: 95 Resp: 257350
Ion Ratio Lower Upper
95 100
174 74.7 0.0 144.8
176 72.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

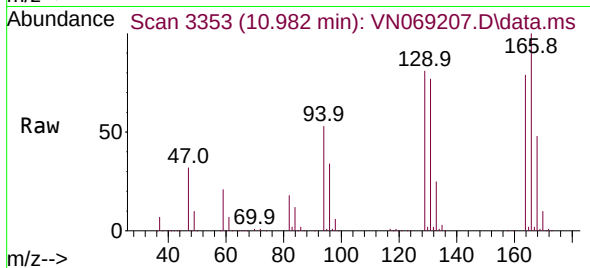
Tgt Ion: 117 Resp: 552088
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 31.7 26.0 39.0



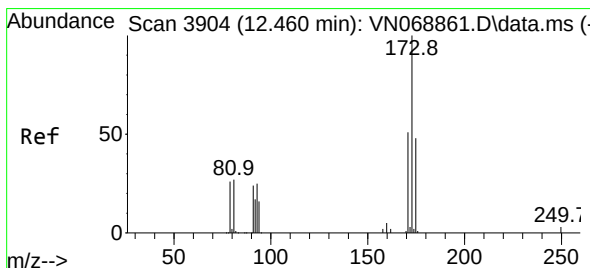
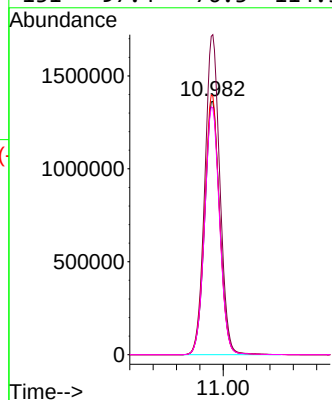
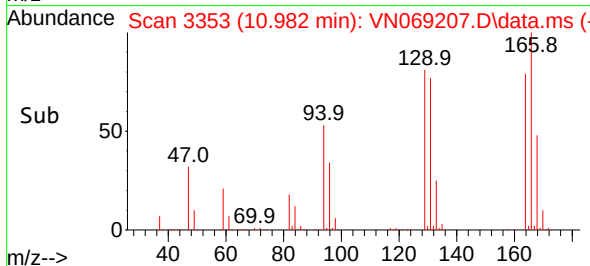


#64
Tetrachloroethene
Concen: 683.287 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

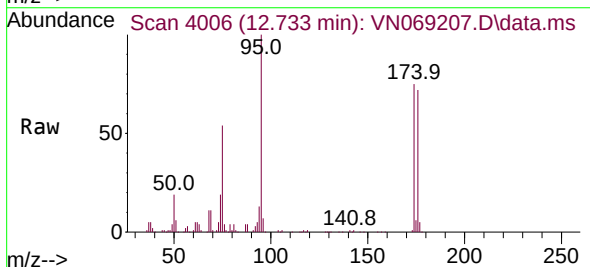
Instrument :
MSVOA_N
ClientSampleId :



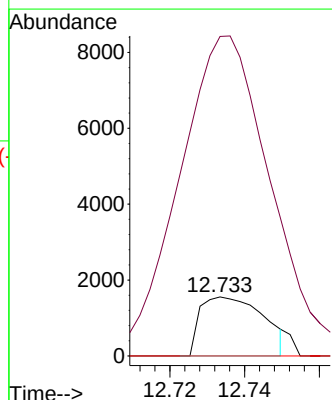
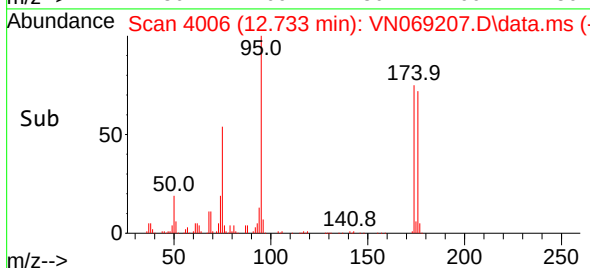
Tgt Ion:164 Resp: 2430100
Ion Ratio Lower Upper
164 100
166 126.3 99.8 149.8
129 102.1 79.2 118.8
131 97.4 76.3 114.5

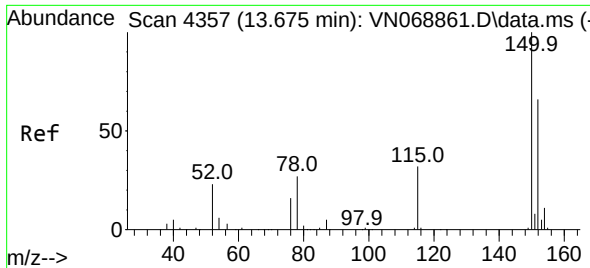


#71
Bromoform
Concen: 0.559 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.274 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10



Tgt Ion:173 Resp: 1831
Ion Ratio Lower Upper
173 100
175 716.7 23.8 71.5#
254 0.0 0.0 0.0

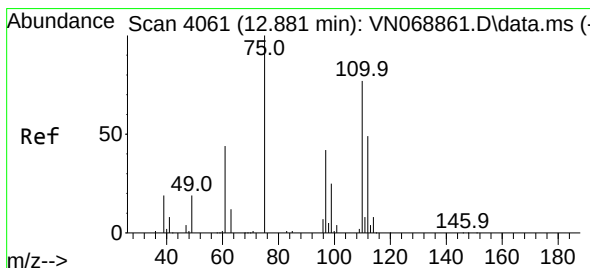
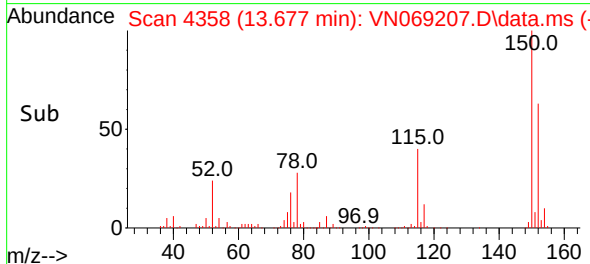
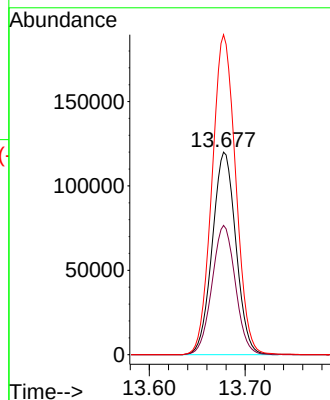
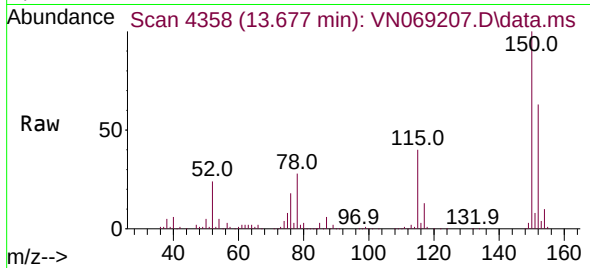




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069207.D
 Acq: 27 Oct 2021 1:10

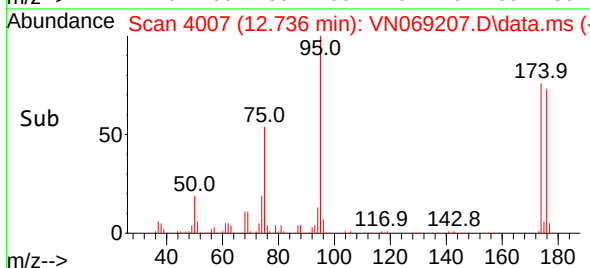
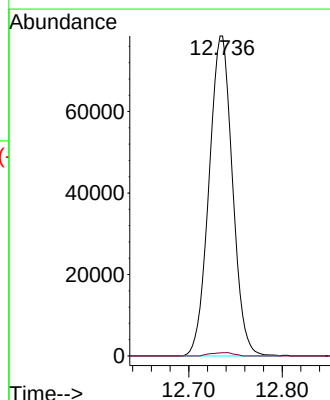
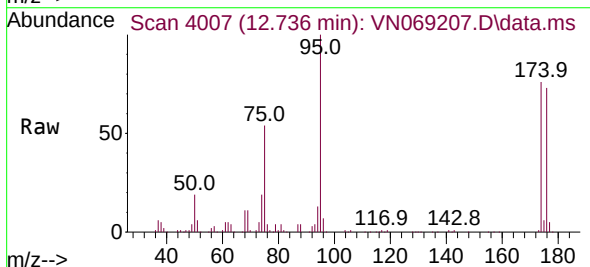
Instrument :
 MSVOA_N
 ClientSampled :

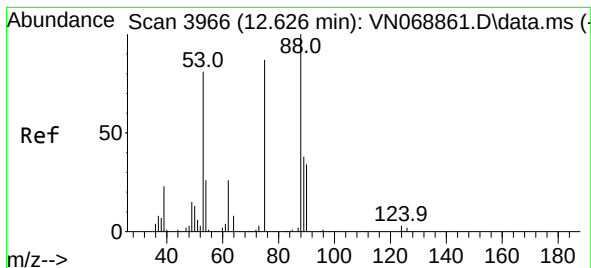
Tgt Ion:152 Resp: 205456
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.3
 150 158.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.342 ug/l
 RT: 12.736 min Scan# 4007
 Delta R.T. -0.145 min
 Lab File: VN069207.D
 Acq: 27 Oct 2021 1:10

Tgt Ion: 75 Resp: 137014
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

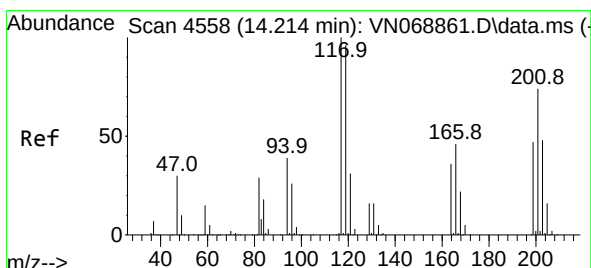
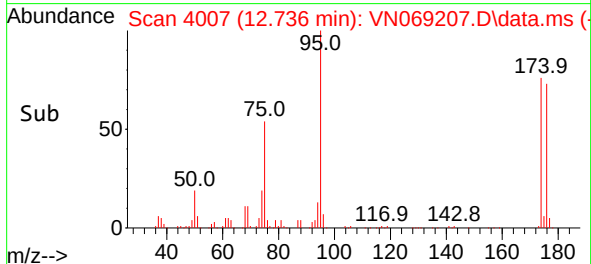
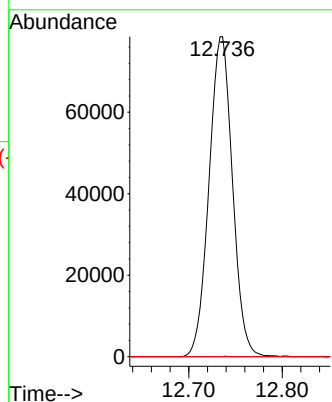
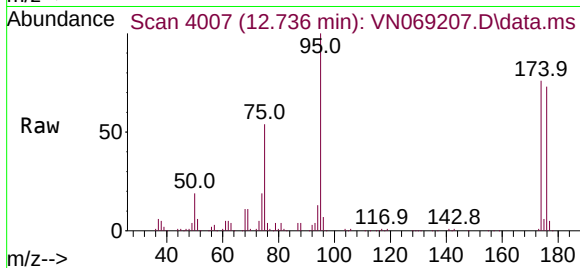




#81
trans-1,4-Dichloro-2-butene
Concen: 74.985 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.110 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

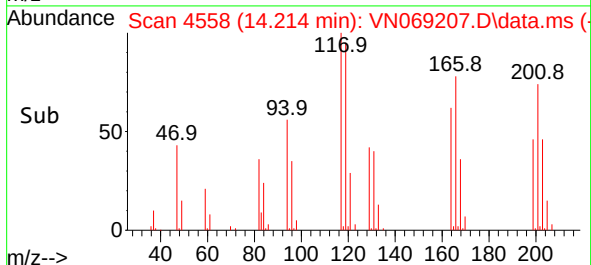
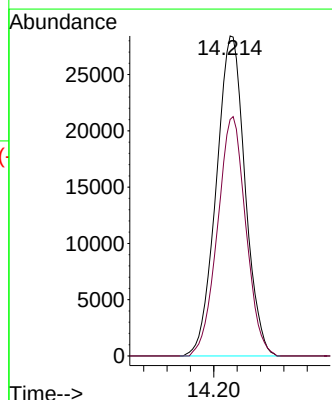
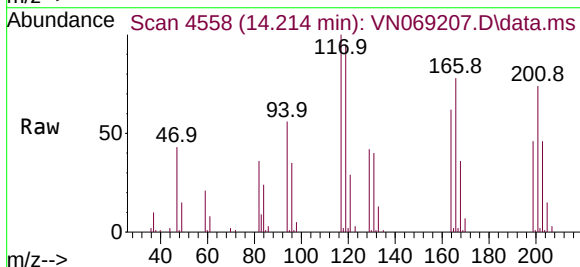
Instrument :
MSVOA_N
ClientSampleId :

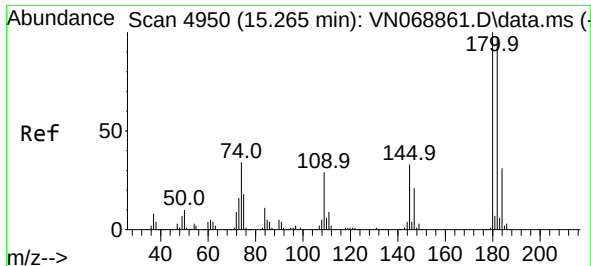
Tgt Ion: 75 Resp: 137014
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#90
Hexachloroethane
Concen: 16.833 ug/l
RT: 14.214 min Scan# 4558
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

Tgt Ion: 117 Resp: 48706
Ion Ratio Lower Upper
117 100
201 73.5 37.1 111.5

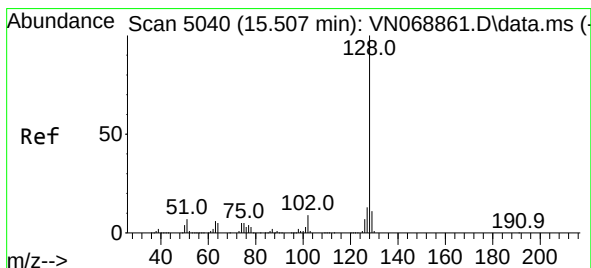
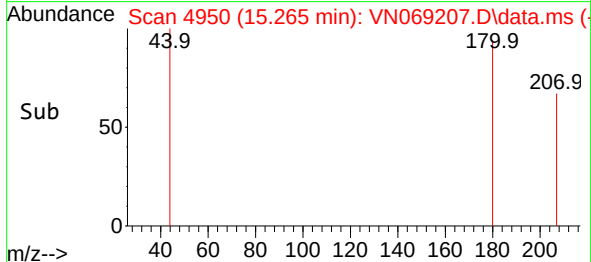
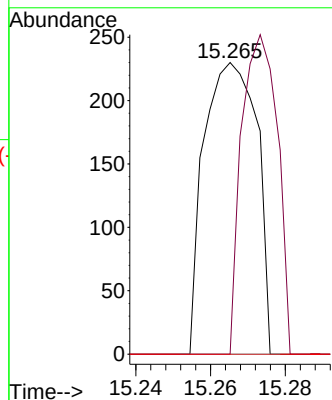
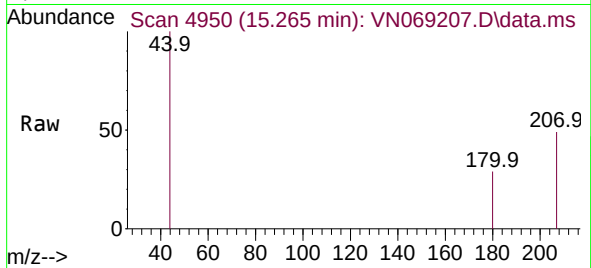




#93
1,2,4-Trichlorobenzene
Concen: 2.663 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

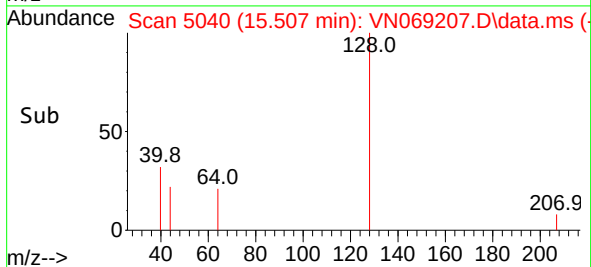
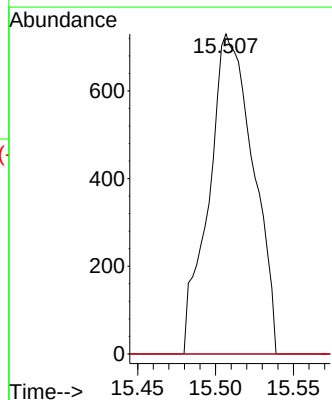
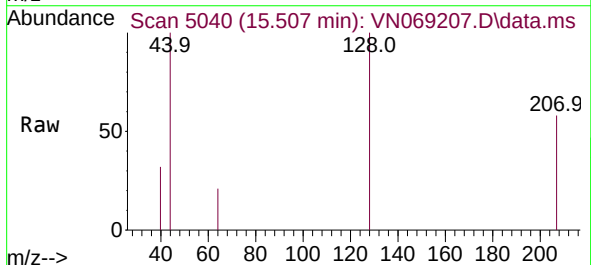
Instrument :
MSVOA_N
ClientSampled :

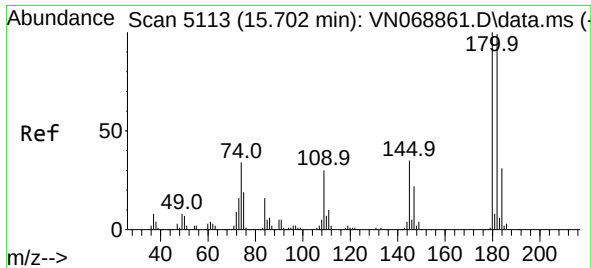
Tgt Ion:180 Resp: 225
Ion Ratio Lower Upper
180 100
182 74.2 47.9 143.7
145 0.0 16.4 49.2#



#95
Naphthalene
Concen: 3.952 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069207.D
Acq: 27 Oct 2021 1:10

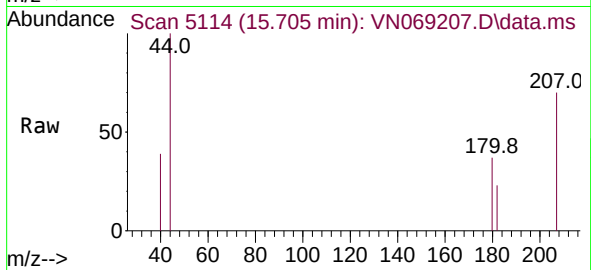
Tgt Ion:128 Resp: 1446
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.588 ug/l
 RT: 15.705 min Scan# 5114
 Delta R.T. 0.003 min
 Lab File: VN069207.D
 Acq: 27 Oct 2021 1:10

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 256
 Ion Ratio Lower Upper
 180 100
 182 19.5 48.1 144.3#
 145 0.0 17.4 52.2#

