

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069179.D
 Acq On : 26 Oct 2021 11:34
 Operator : JC/MD
 Sample : VN1027WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 27 06:52:30 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)

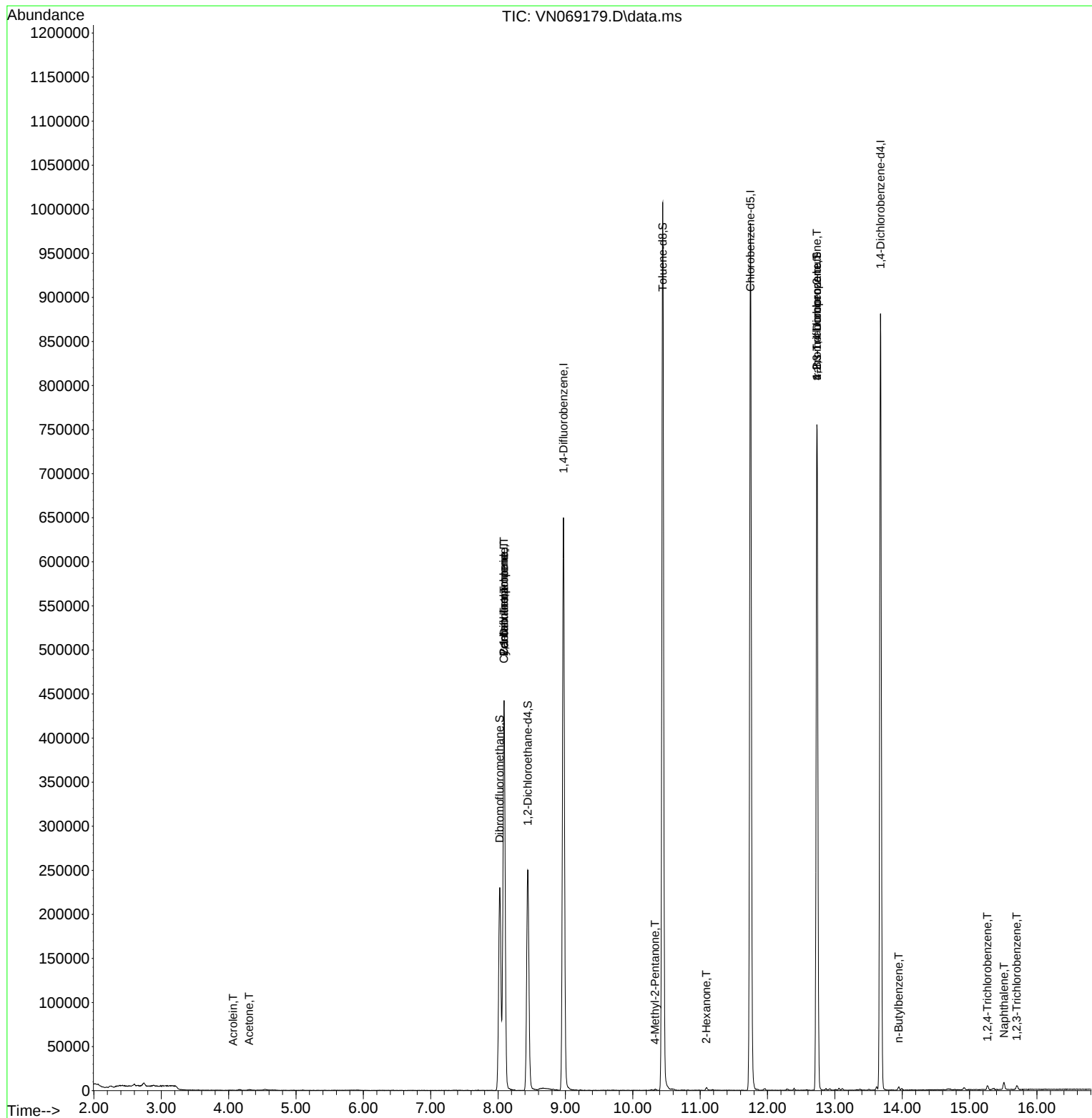
Internal Standards						
1) Pentafluorobenzene	8.088	168	332930	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	582094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	580340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	233081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	219120	49.918	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	99.840%	
35) Dibromofluoromethane	8.024	113	171664	50.688	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	101.380%	
50) Toluene-d8	10.443	98	724958	53.500	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	107.000%	
62) 4-Bromofluorobenzene	12.733	95	275303	53.849	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	107.700%	
Target Compounds						
					Qvalue	
13) Acrolein	4.065	56	91	0.256	ug/l #	13
16) Acetone	4.304	43	1152	0.703	ug/l	90
31) Cyclohexane	8.085	56	7704	1.129	ug/l #	7
36) 1,1-Dichloropropene	8.088	75	26953	5.421	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34872	6.386	ug/l #	15
51) 4-Methyl-2-Pentanone	10.330	43	1254	0.239	ug/l #	36
59) 2-Hexanone	11.092	43	2882	0.765	ug/l	91
76) 1,2,3-Trichloropropane	12.733	75	143466	28.929	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	143466	69.210	ug/l #	12
89) n-Butylbenzene	13.946	91	2847	0.219	ug/l	88
93) 1,2,4-Trichlorobenzene	15.265	180	1996	3.085	ug/l	90
95) Naphthalene	15.509	128	8462	4.534	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.700	180	1208	2.822	ug/l #	41

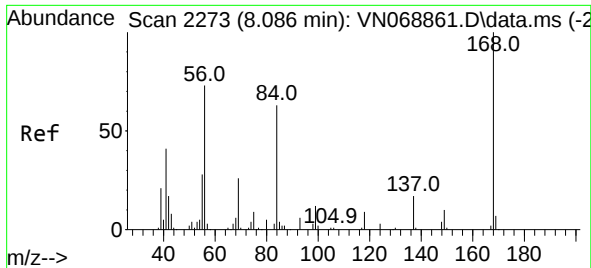
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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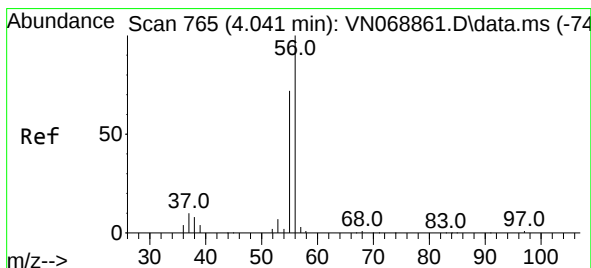
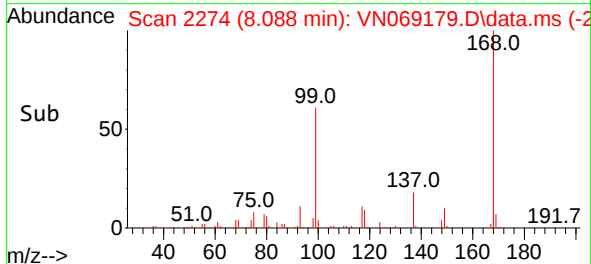
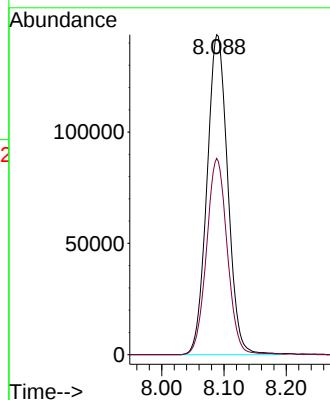
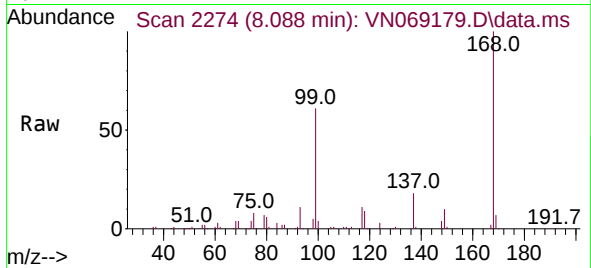




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

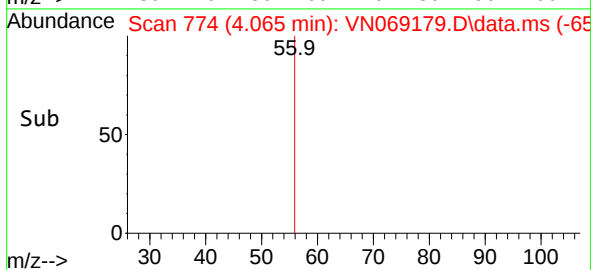
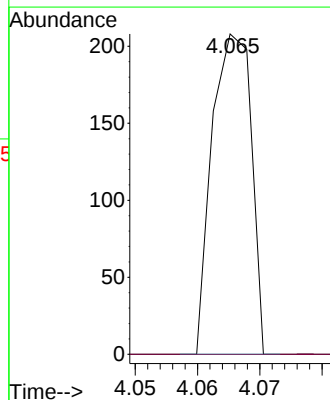
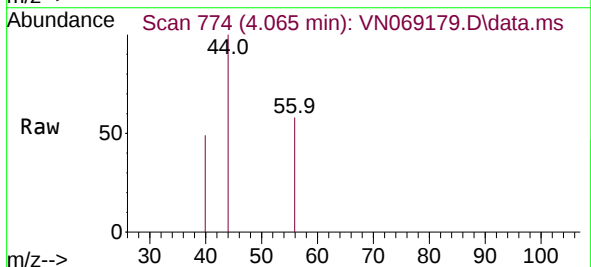
Instrument :
MSVOA_N
ClientSampled :

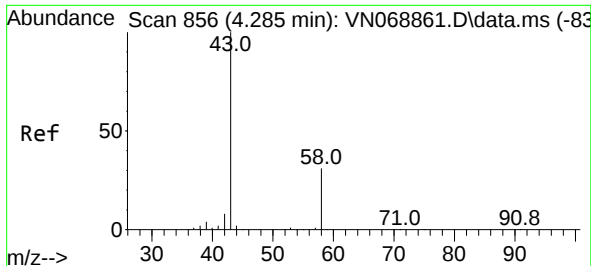
Tgt Ion:168 Resp: 332930
Ion Ratio Lower Upper
168 100
99 61.3 48.9 73.3



#13
Acrolein
Concen: 0.256 ug/l
RT: 4.065 min Scan# 774
Delta R.T. 0.024 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 56 Resp: 91
Ion Ratio Lower Upper
56 100
55 0.0 58.1 87.1#

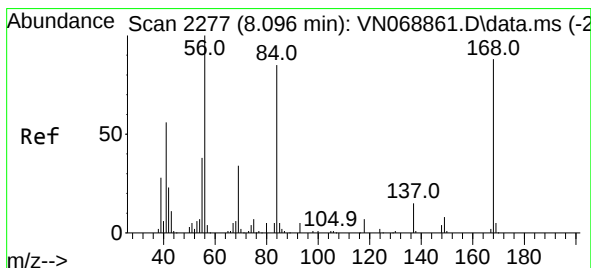
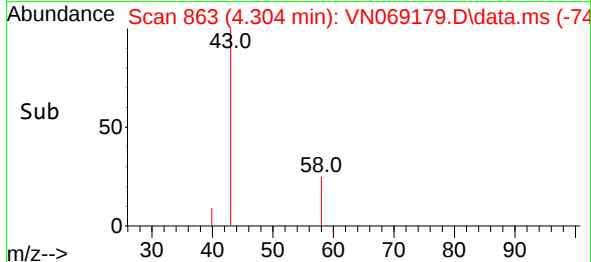
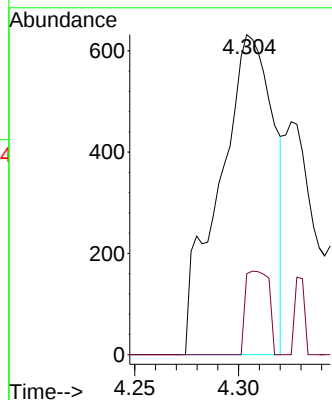
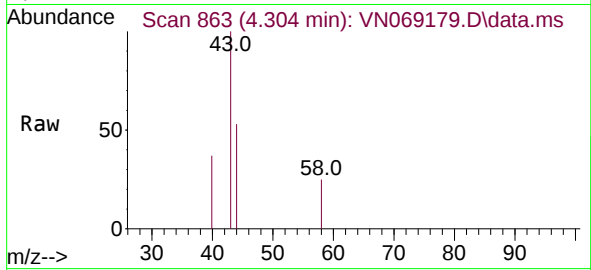




#16
Acetone
Concen: 0.703 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

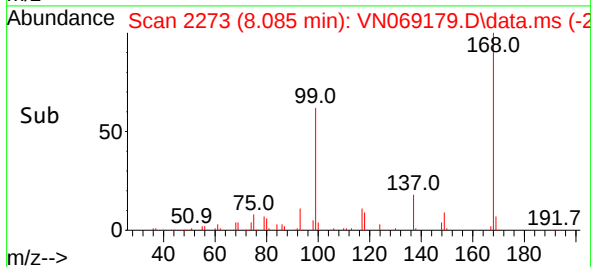
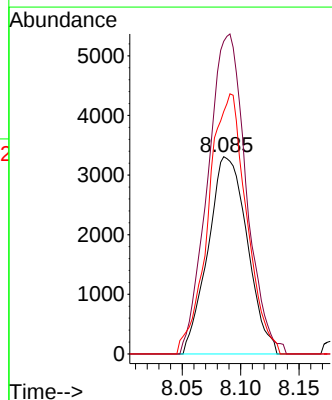
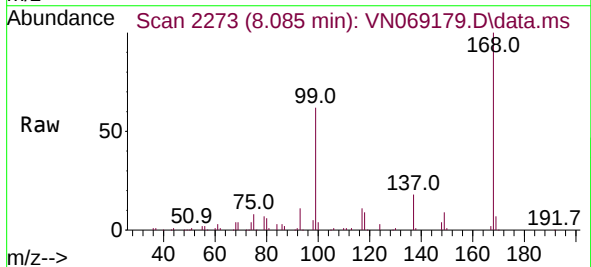
Instrument :
MSVOA_N
ClientSampled :

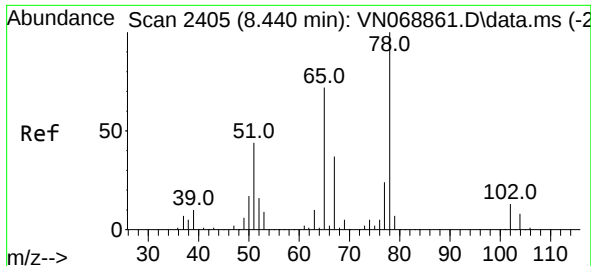
Tgt Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 25.3 24.5 36.7



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 8.085 min Scan# 2273
Delta R.T. -0.011 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 56 Resp: 7704
Ion Ratio Lower Upper
56 100
69 158.5 26.9 40.3#
84 122.9 67.6 101.4#



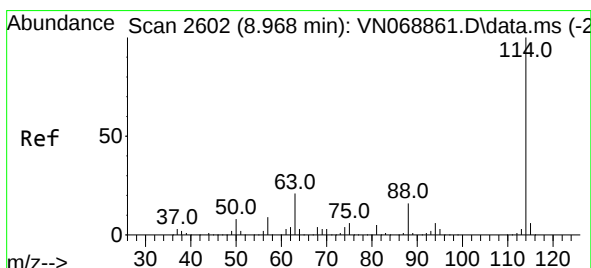
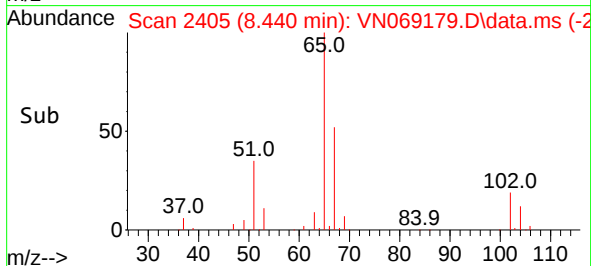
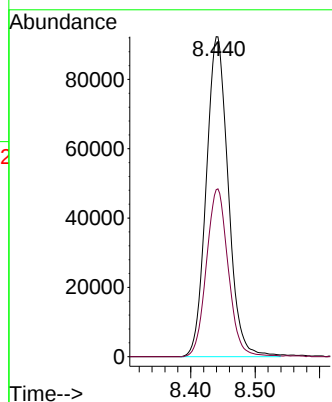
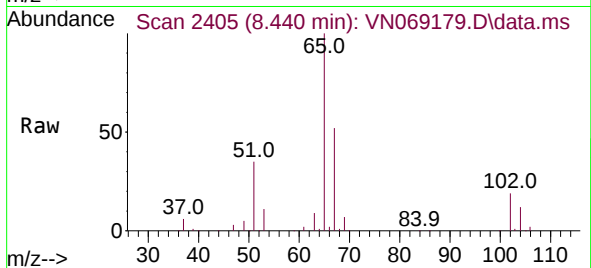


#33

1,2-Dichloroethane-d4
Concen: 49.918 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Instrument :
MSVOA_N
ClientSampled :

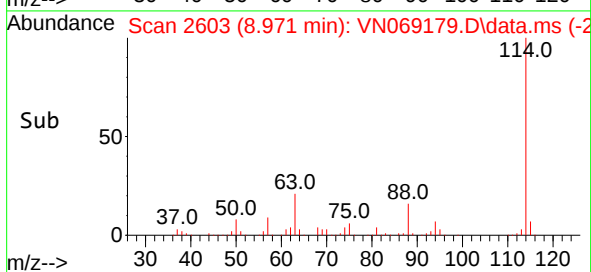
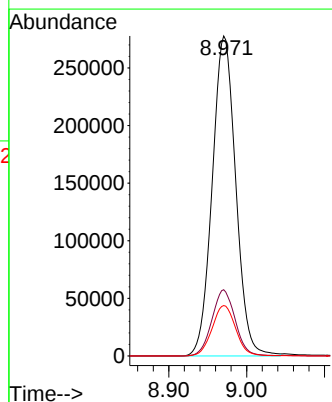
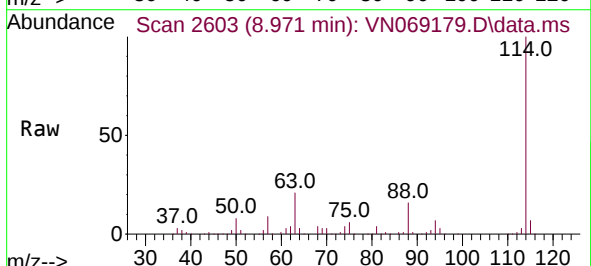
Tgt Ion: 65 Resp: 219120
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.8

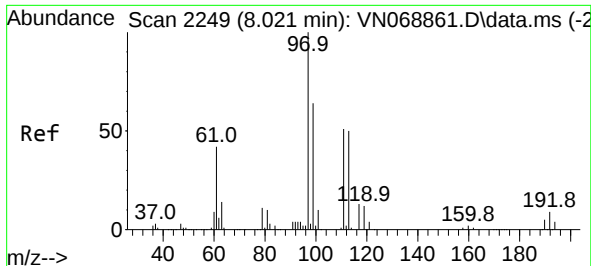


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 114 Resp: 582094
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.7 0.0 32.0

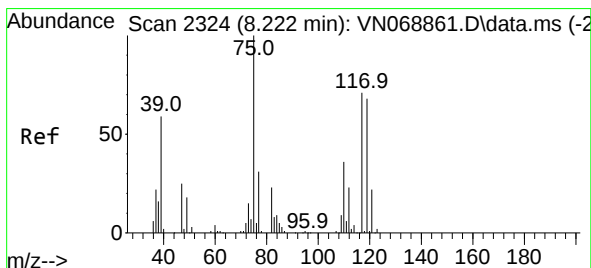
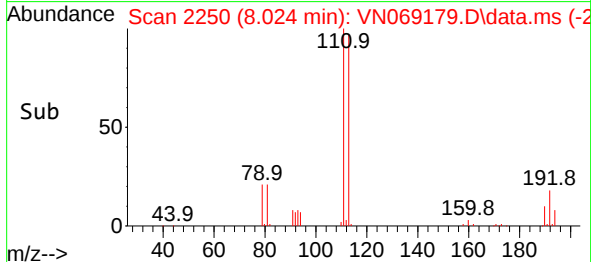
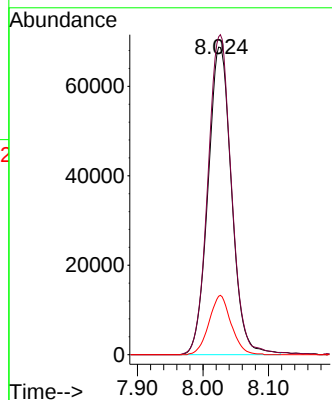
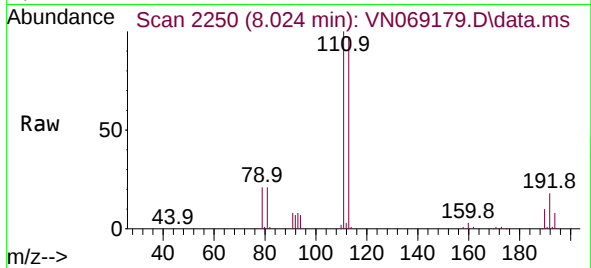




#35
Dibromofluoromethane
Concen: 50.688 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

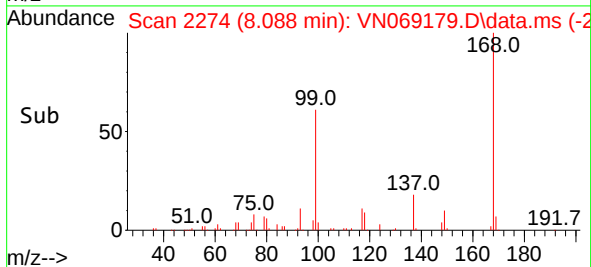
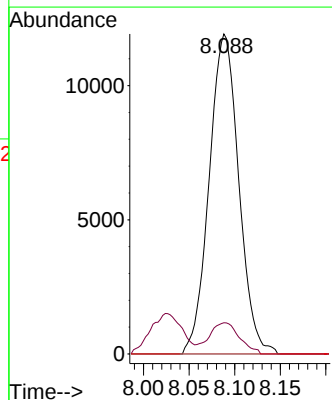
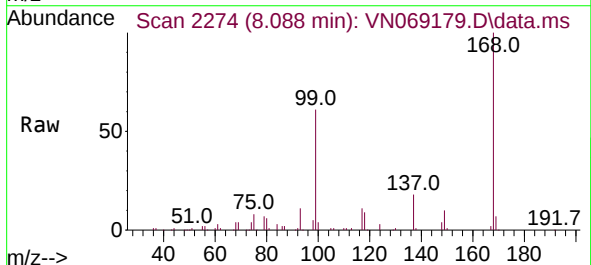
Instrument :
MSVOA_N
ClientSampleId :

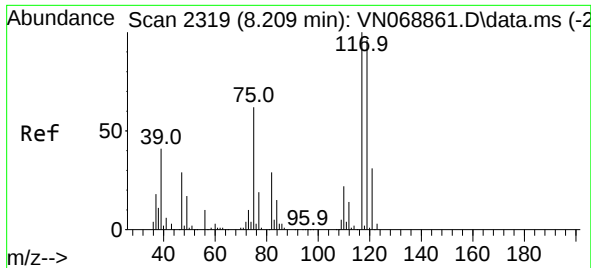
Tgt Ion:113 Resp: 171664
Ion Ratio Lower Upper
113 100
111 104.4 83.2 124.8
192 18.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 5.421 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 75 Resp: 26953
Ion Ratio Lower Upper
75 100
110 9.7 17.9 53.8#
77 0.0 24.7 37.1#

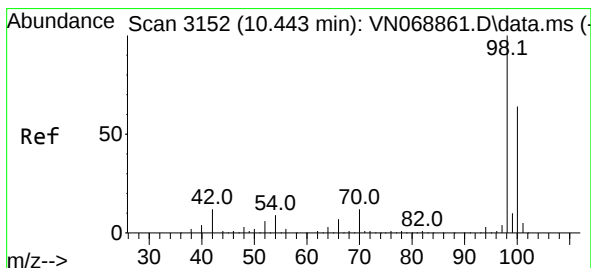
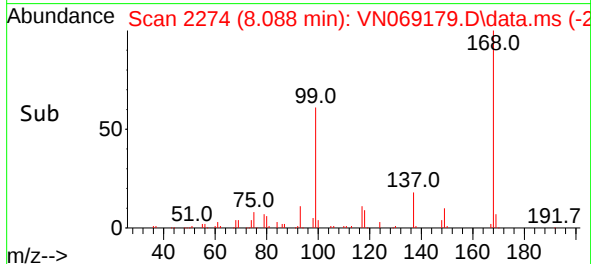
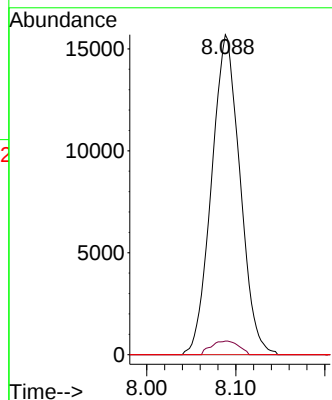
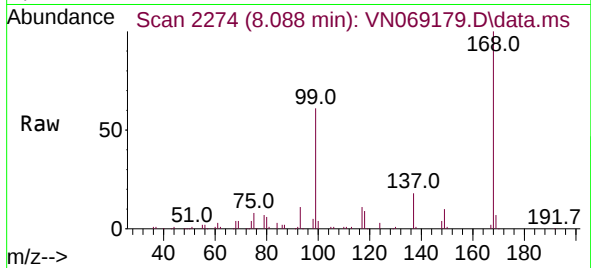




#38
Carbon Tetrachloride
Concen: 6.386 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

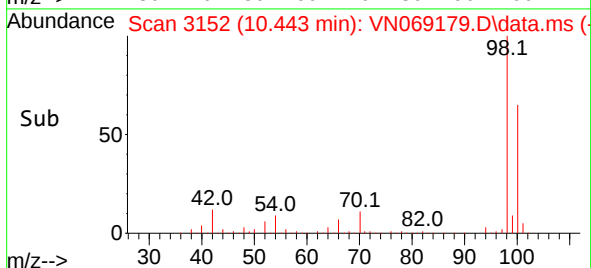
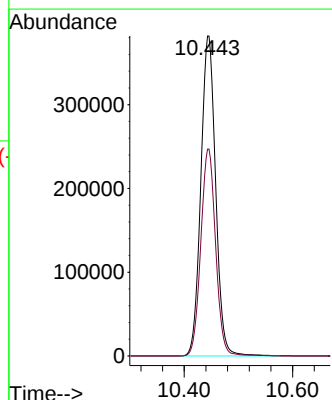
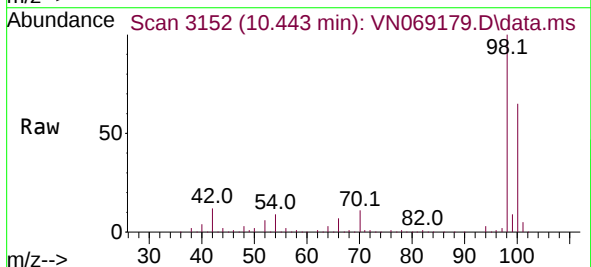
Instrument :
MSVOA_N
ClientSampled :

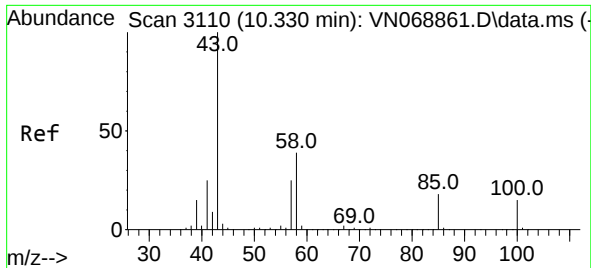
Tgt Ion:117 Resp: 34872
Ion Ratio Lower Upper
117 100
119 4.2 76.9 115.3#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 53.500 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 98 Resp: 724958
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3

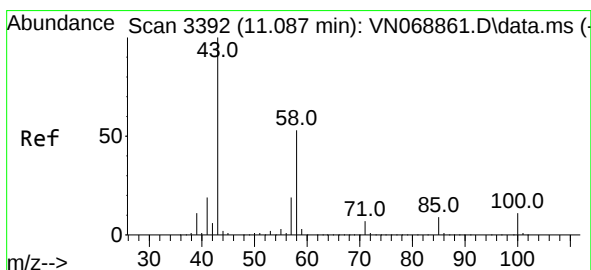
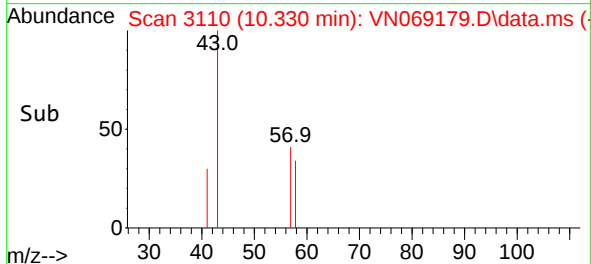
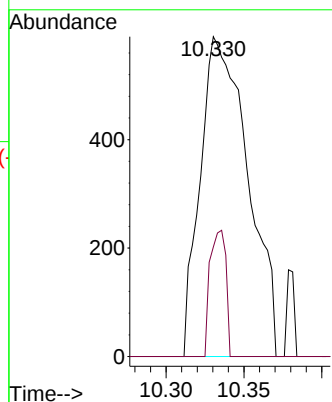
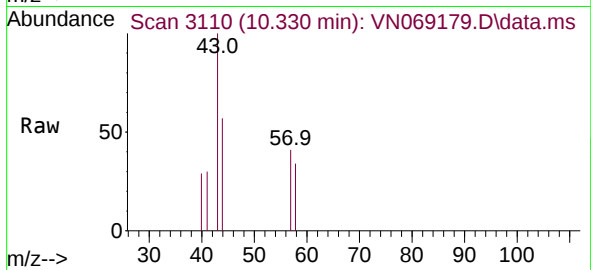




#51
4-Methyl-2-Pentanone
Concen: 0.239 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

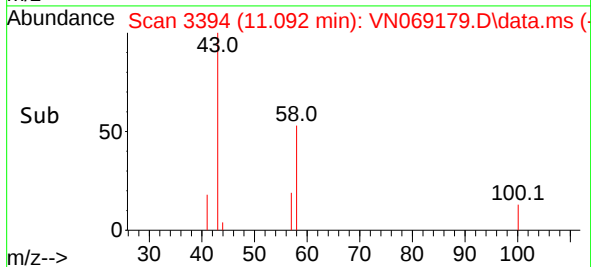
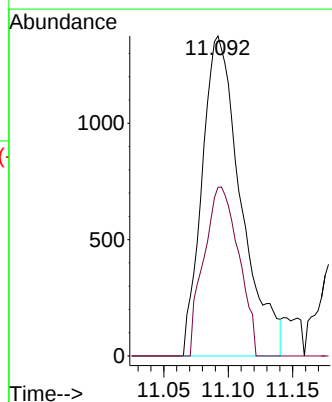
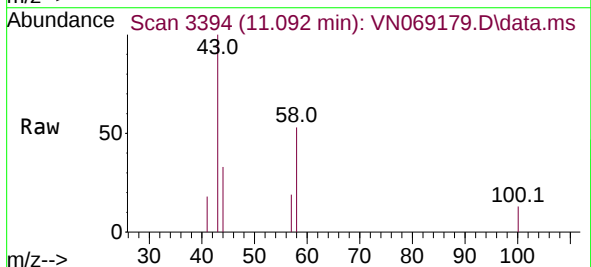
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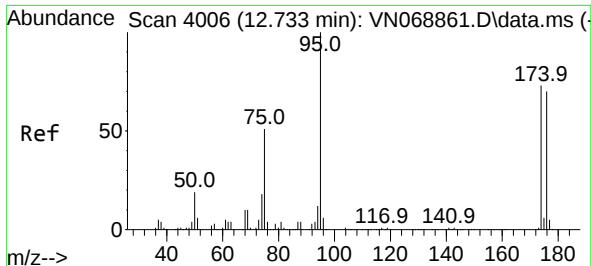
Tgt Ion: 43 Resp: 1254
Ion Ratio Lower Upper
43 100
58 0.0 31.0 46.4#



#59
2-Hexanone
Concen: 0.765 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 43 Resp: 2882
Ion Ratio Lower Upper
43 100
58 47.2 26.9 80.7

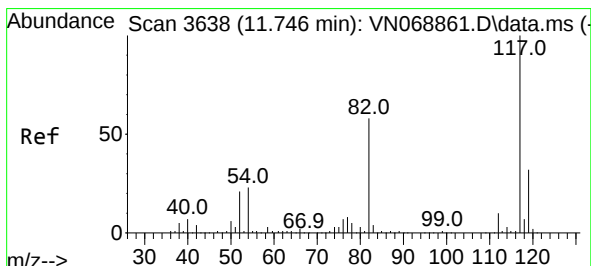
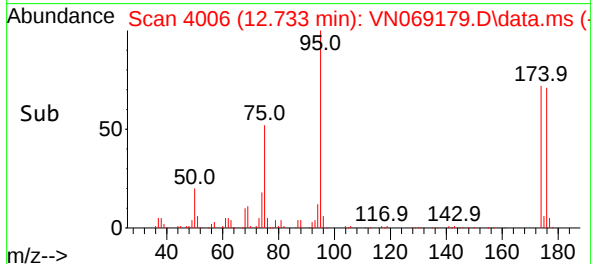
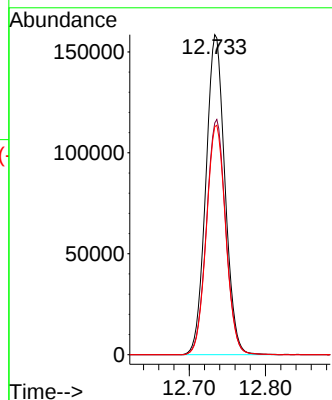
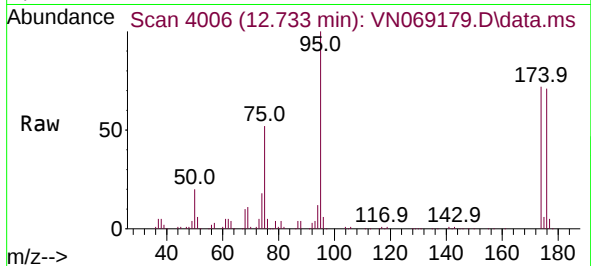




#62
4-Bromofluorobenzene
Concen: 53.849 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

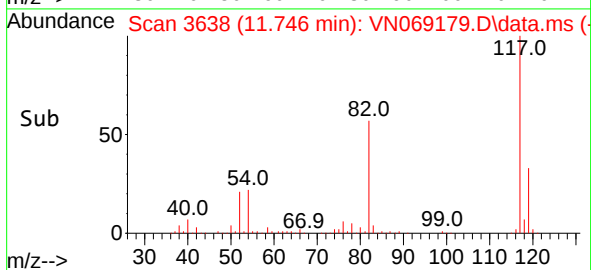
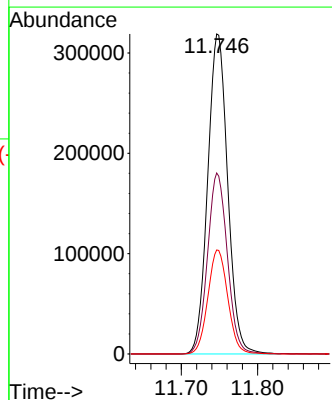
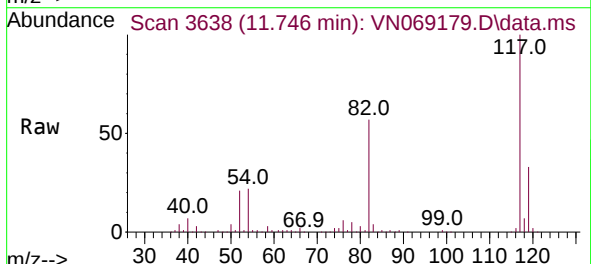
Instrument :
MSVOA_N
ClientSampleId :

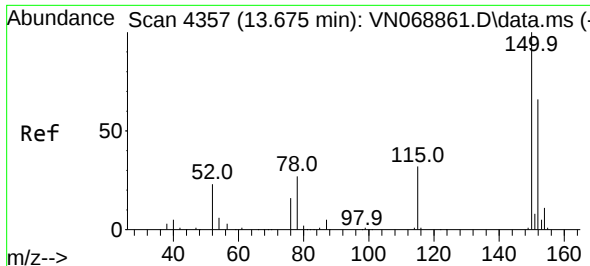
Tgt Ion: 95 Resp: 275303
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 72.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 117 Resp: 580340
Ion Ratio Lower Upper
117 100
82 56.5 46.4 69.6
119 32.5 26.0 39.0

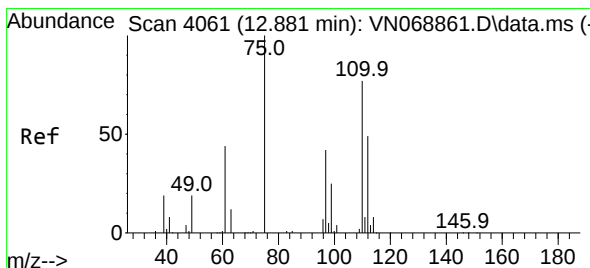
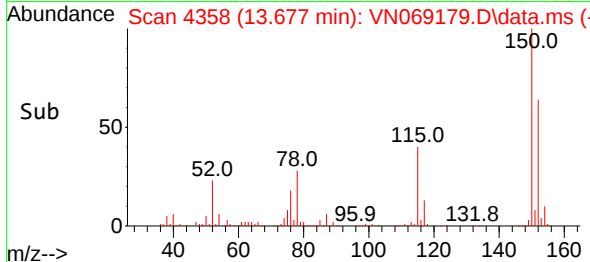
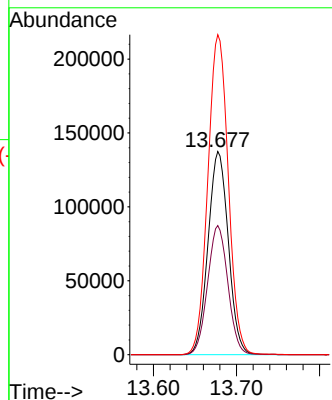
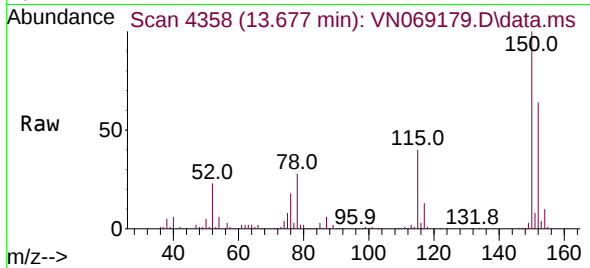




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069179.D
 Acq: 26 Oct 2021 11:34

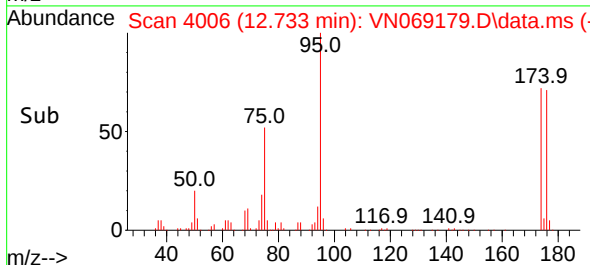
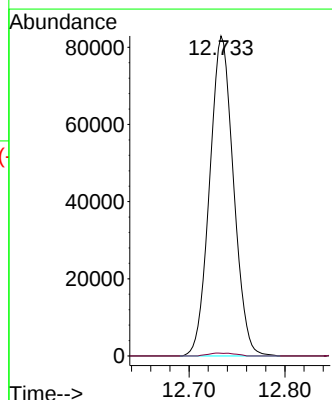
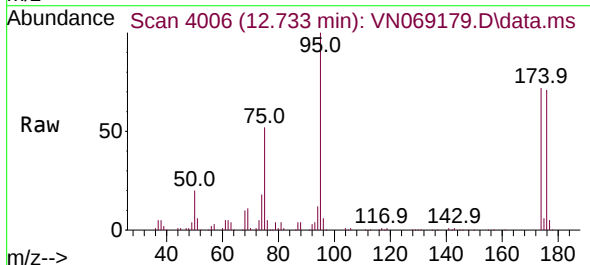
Instrument :
 MSVOA_N
 ClientSampled :

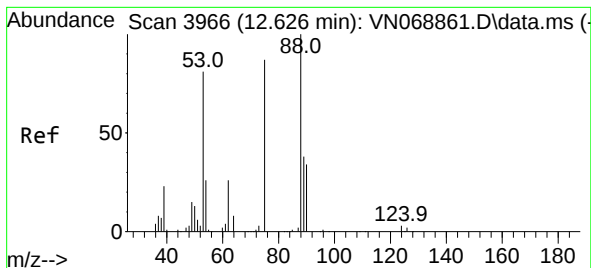
Tgt Ion:152 Resp: 233081
 Ion Ratio Lower Upper
 152 100
 115 63.5 31.4 94.3
 150 158.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.929 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069179.D
 Acq: 26 Oct 2021 11:34

Tgt Ion: 75 Resp: 143466
 Ion Ratio Lower Upper
 75 100
 77 1.0 96.2 288.4#

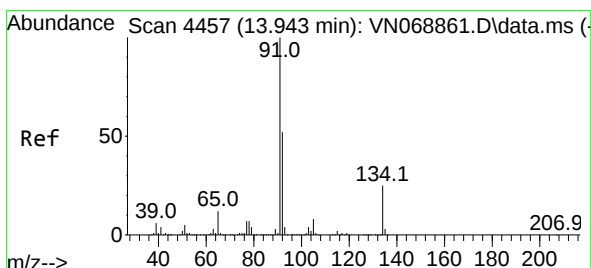
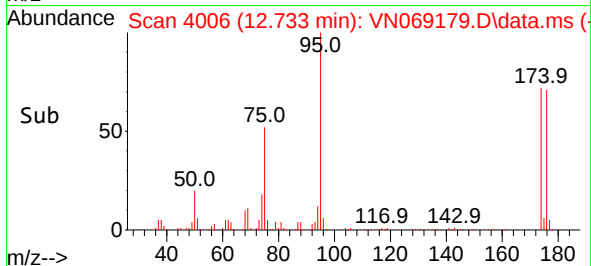
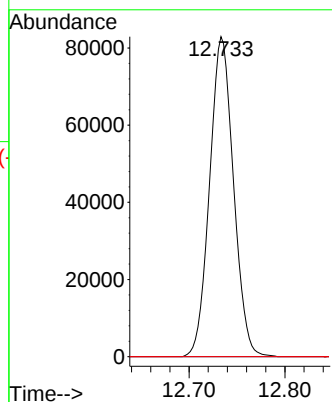
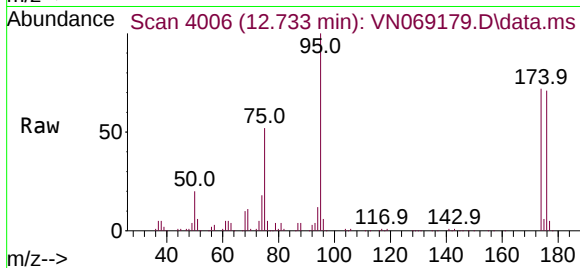




#81
trans-1,4-Dichloro-2-butene
Concen: 69.210 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

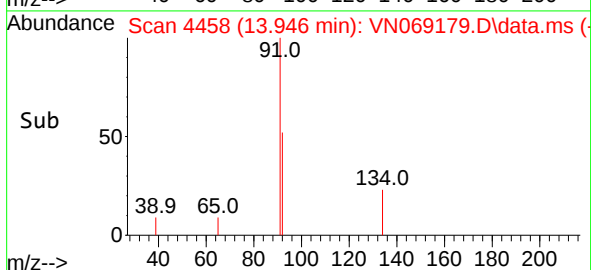
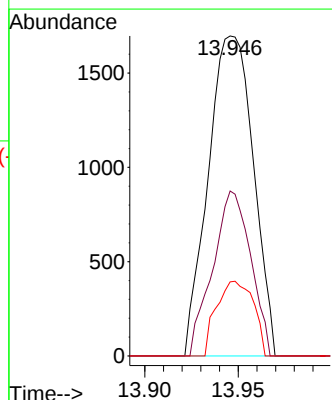
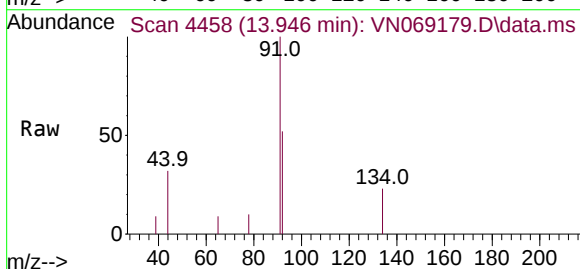
Instrument :
MSVOA_N
ClientSampled :

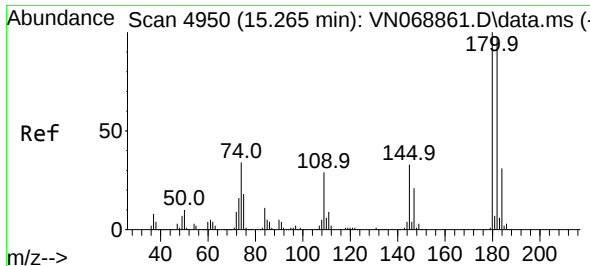
Tgt Ion: 75 Resp: 143466
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.219 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. 0.003 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

Tgt Ion: 91 Resp: 2847
Ion Ratio Lower Upper
91 100
92 43.3 26.0 78.0
134 19.0 12.5 37.5

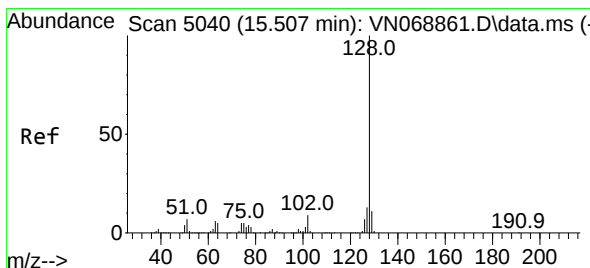
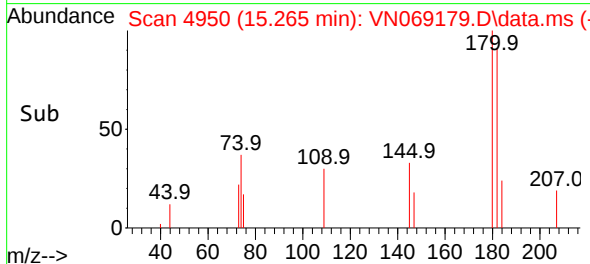
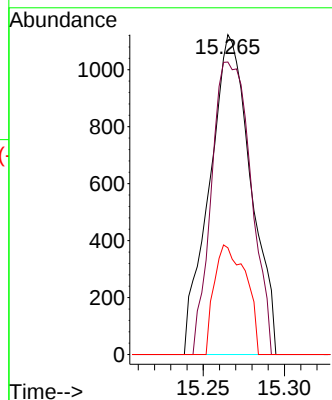
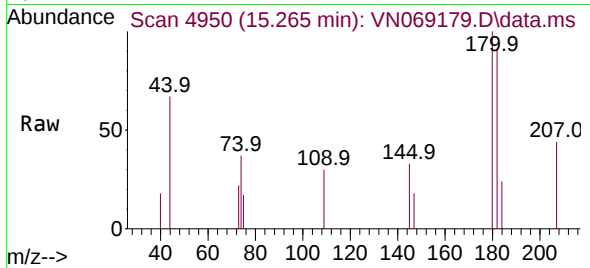




#93
1,2,4-Trichlorobenzene
Concen: 3.085 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

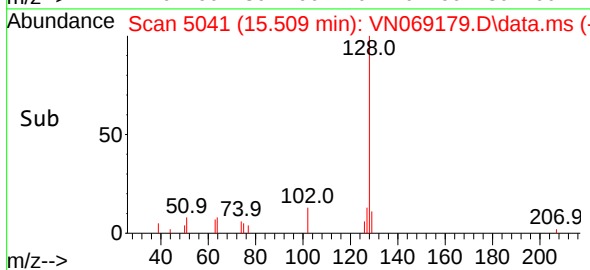
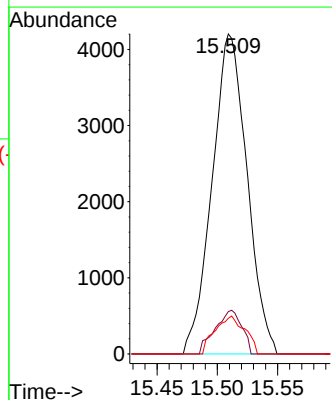
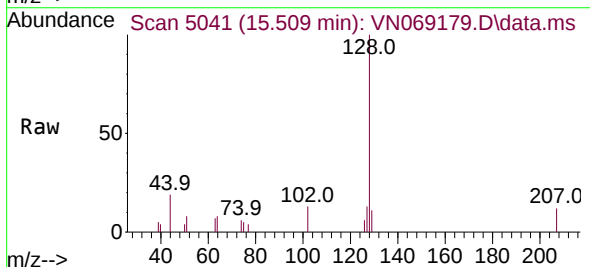
Instrument :
MSVOA_N
ClientSampleId :

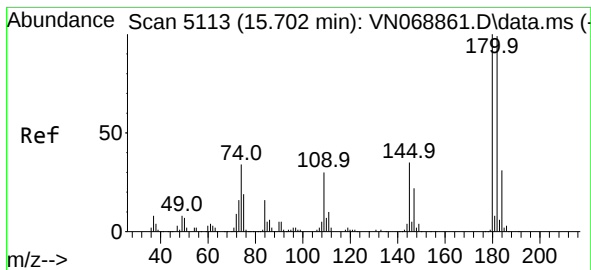
Tgt Ion:180 Resp: 1996
Ion Ratio Lower Upper
180 100
182 86.8 47.9 143.7
145 26.1 16.4 49.2



#95
Naphthalene
Concen: 4.534 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069179.D
Acq: 26 Oct 2021 11:34

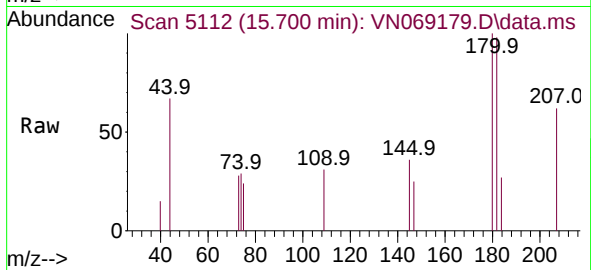
Tgt Ion:128 Resp: 8462
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 10.1 8.9 13.3





#96
 1,2,3-Trichlorobenzene
 Concen: 2.822 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN069179.D
 Acq: 26 Oct 2021 11:34

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 1208
 Ion Ratio Lower Upper
 180 100
 182 168.5 48.1 144.3#
 145 44.5 17.4 52.2

