

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069188.D
 Acq On : 26 Oct 2021 16:20
 Operator : JC/MD
 Sample : M4337-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

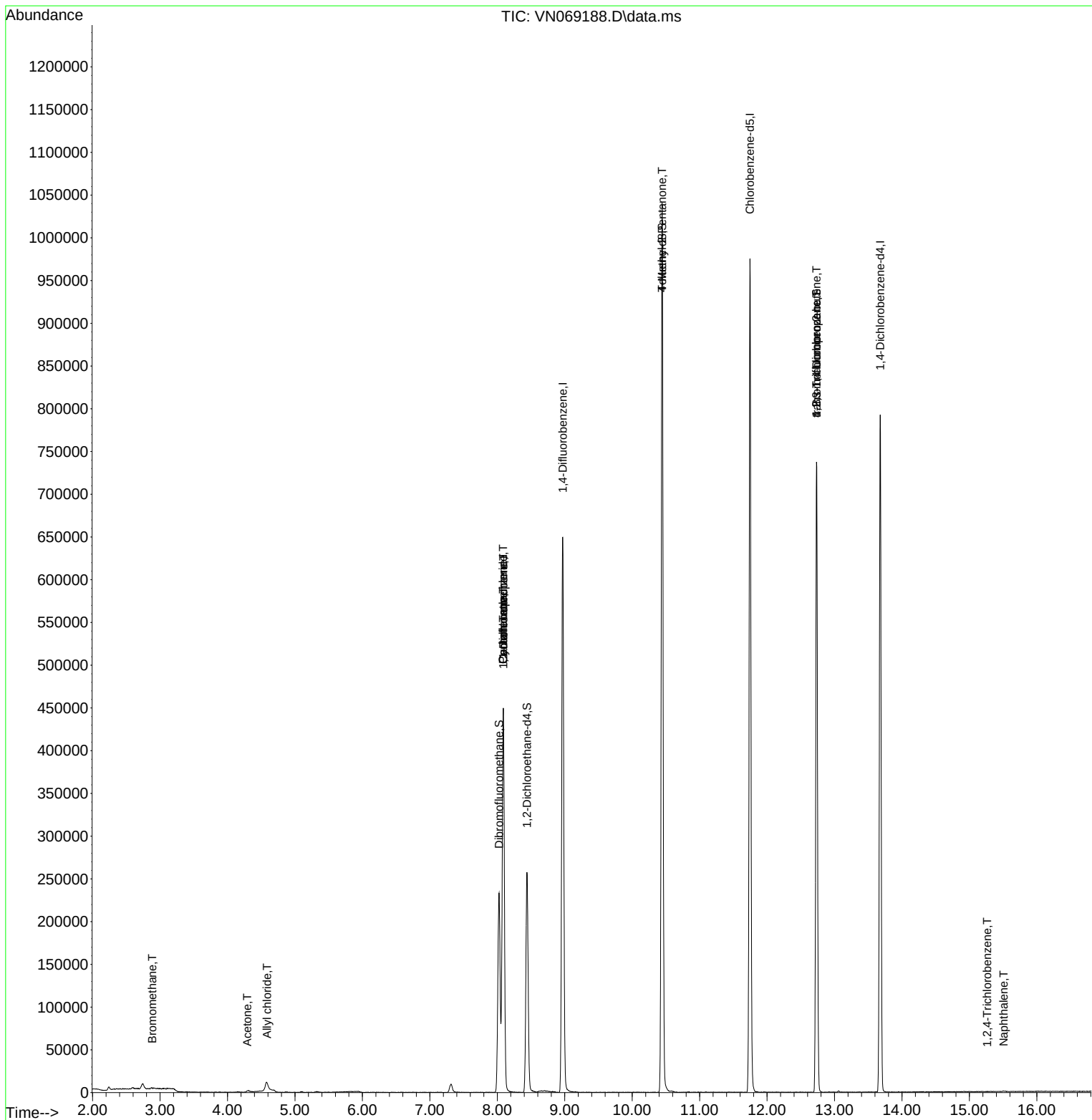
Quant Time: Oct 27 06:56:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

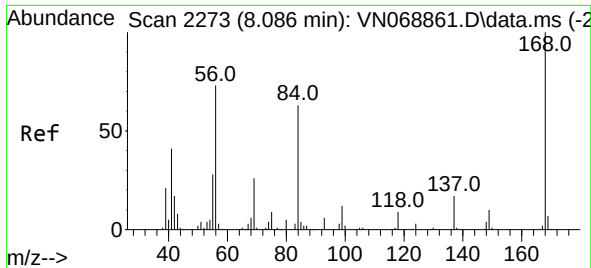
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	339599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	596621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	569300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	213529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	220843	49.323	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.640%		
35) Dibromofluoromethane	8.027	113	174978	50.409	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.820%		
50) Toluene-d8	10.443	98	738959	53.205	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.420%		
62) 4-Bromofluorobenzene	12.733	95	267416	51.033	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.060%		
Target Compounds						Qvalue
5) Bromomethane	2.883	94	615	0.265	ug/l	87
14) Allyl chloride	4.586	41	1681	0.286	ug/l #	60
16) Acetone	4.293	43	1968	1.178	ug/l	92
31) Cyclohexane	8.088	56	8099	1.163	ug/l #	1
36) 1,1-Dichloropropene	8.091	75	27222	5.342	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34719	6.203	ug/l #	16
51) 4-Methyl-2-Pentanone	10.443	43	3412	0.634	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	141387	31.120	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	141387	74.453	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.265	180	49	2.614	ug/l #	38
95) Naphthalene	15.507	128	795	3.886	ug/l #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
Response via : Initial Calibration

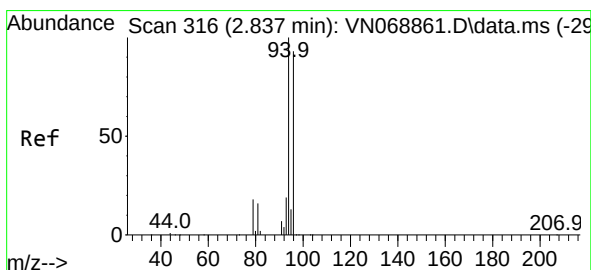
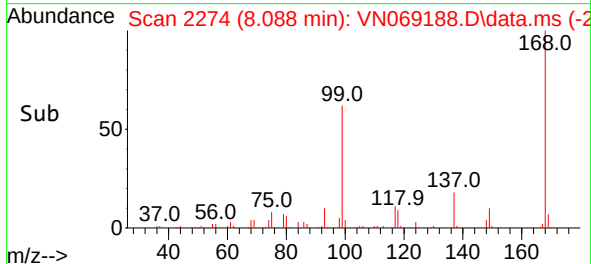
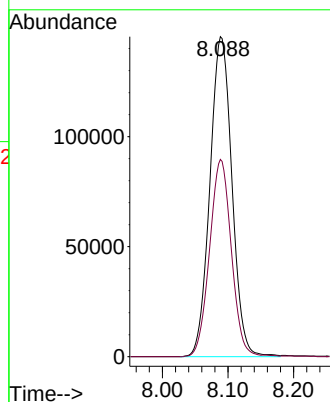
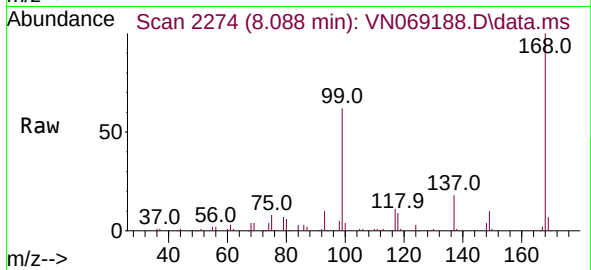




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

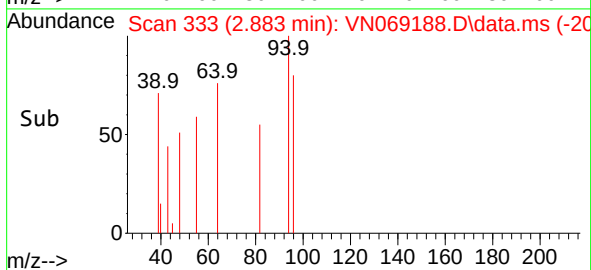
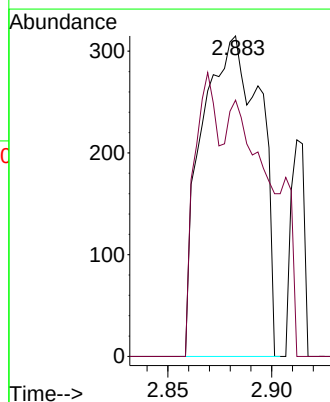
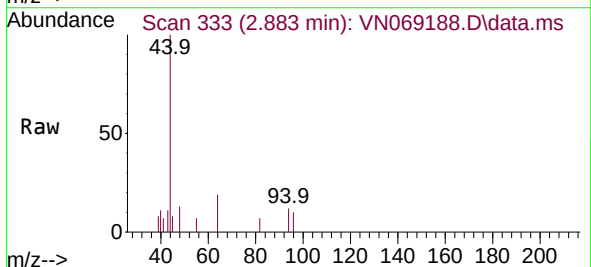
Instrument :
MSVOA_N
ClientSampled :

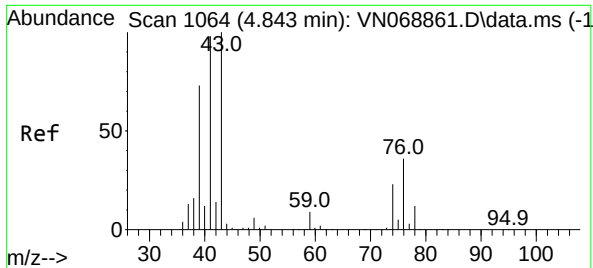
Tgt Ion:168 Resp: 339599
Ion Ratio Lower Upper
168 100
99 61.7 48.9 73.3



#5
Bromomethane
Concen: 0.265 ug/l
RT: 2.883 min Scan# 333
Delta R.T. 0.046 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Tgt Ion: 94 Resp: 615
Ion Ratio Lower Upper
94 100
96 80.0 74.2 111.4





#14

Allyl chloride

Concen: 0.286 ug/l

RT: 4.586 min Scan# 968

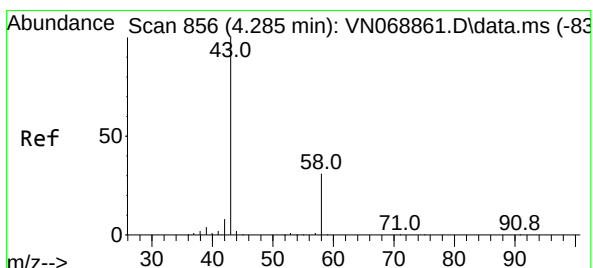
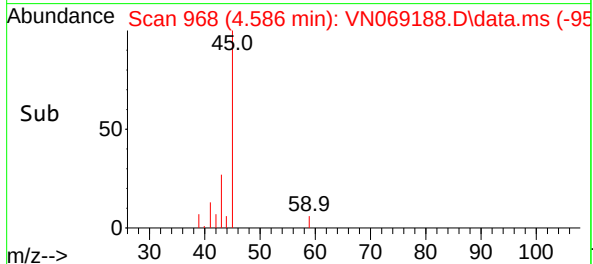
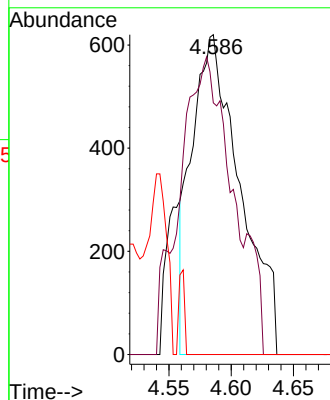
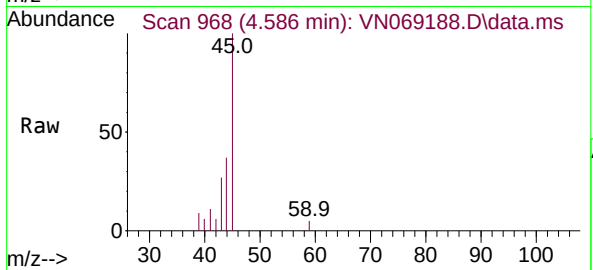
Delta R.T. -0.257 min

Lab File: VN069188.D

Acq: 26 Oct 2021 16:20

Tgt Ion:	41	Resp:	1681
Ion	Ratio	Lower	Upper
41	100		
39	44.3	55.6	83.4#
76	0.0	26.4	39.6#

Instrument :
MSVOA_N
ClientSampleId :



#16

Acetone

Concen: 1.178 ug/l

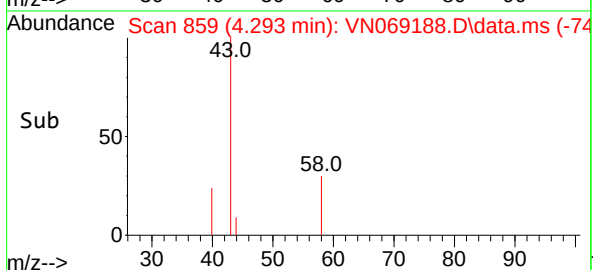
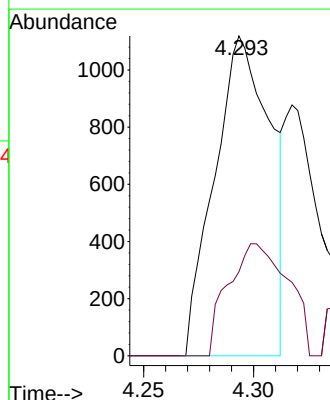
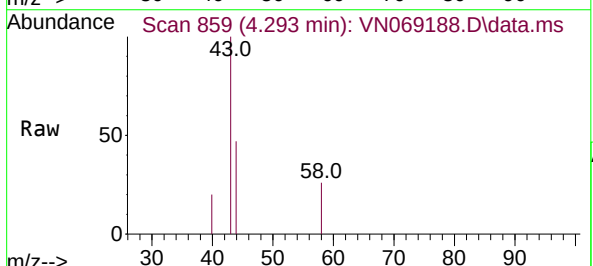
RT: 4.293 min Scan# 859

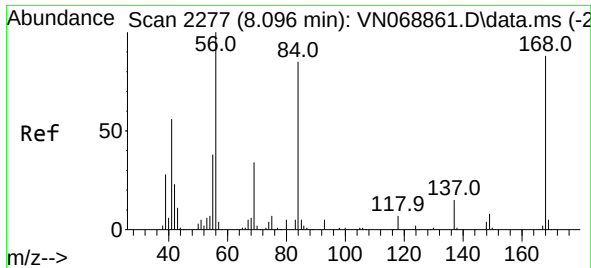
Delta R.T. 0.008 min

Lab File: VN069188.D

Acq: 26 Oct 2021 16:20

Tgt Ion:	43	Resp:	1968
Ion	Ratio	Lower	Upper
43	100		
58	26.3	24.5	36.7

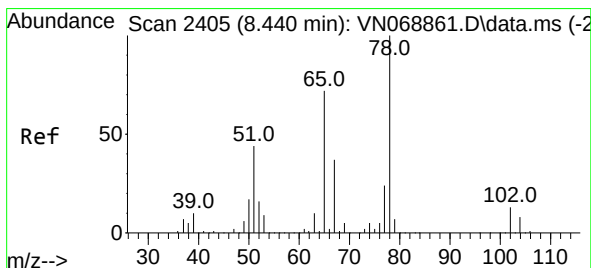
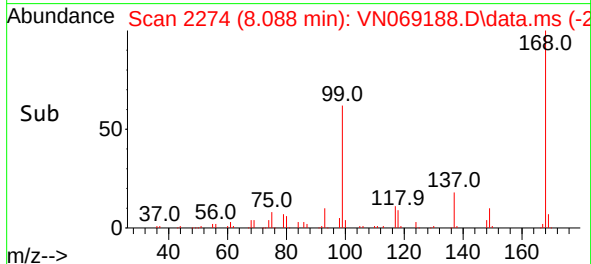
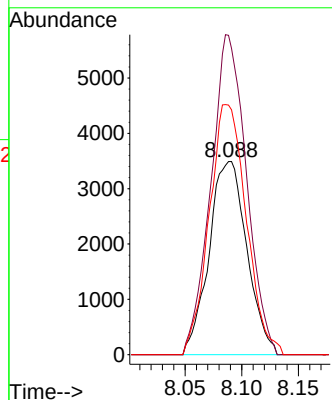
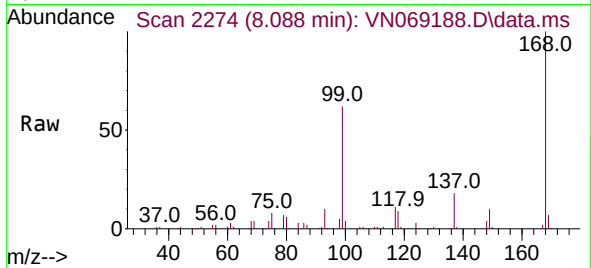




#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

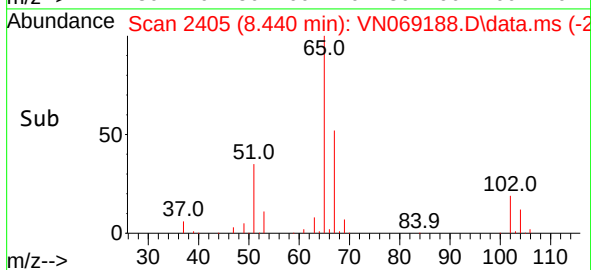
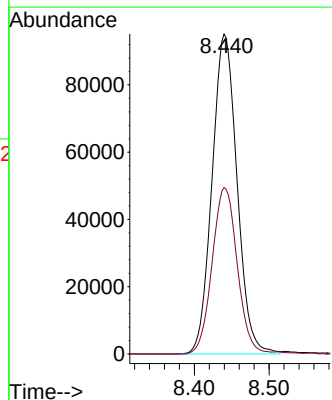
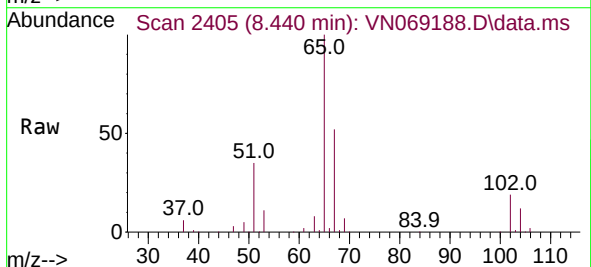
Instrument :
MSVOA_N
ClientSampled :

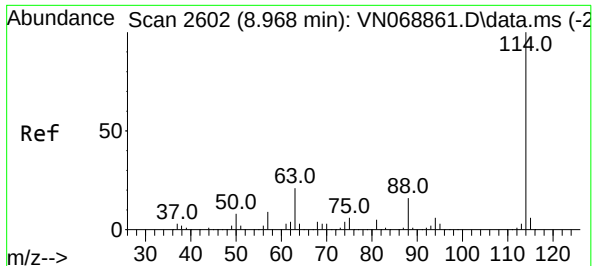
Tgt Ion: 56 Resp: 8099
Ion Ratio Lower Upper
56 100
69 165.3 26.9 40.3#
84 129.2 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 49.323 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Tgt Ion: 65 Resp: 220843
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.8

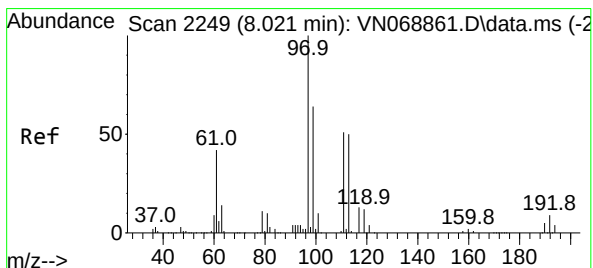
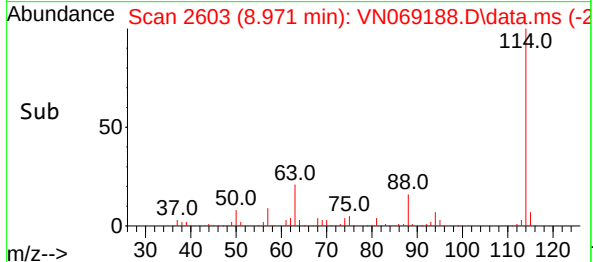
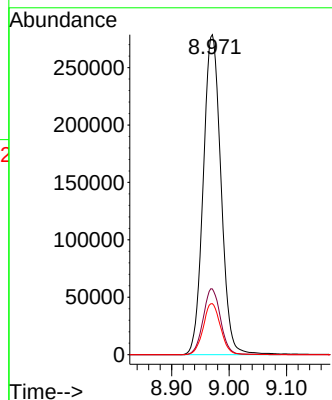
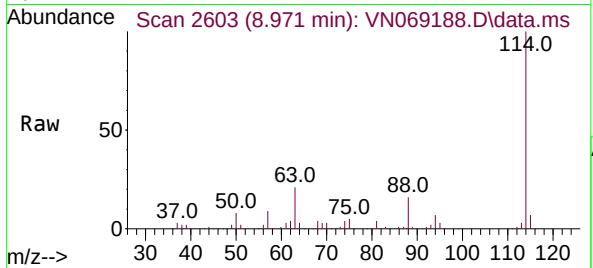




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

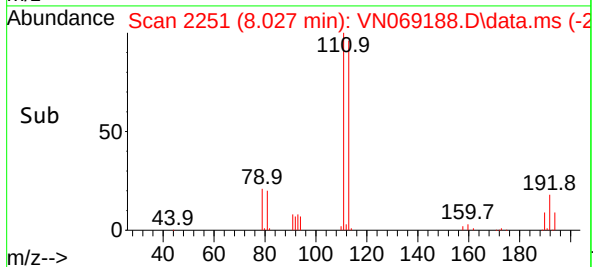
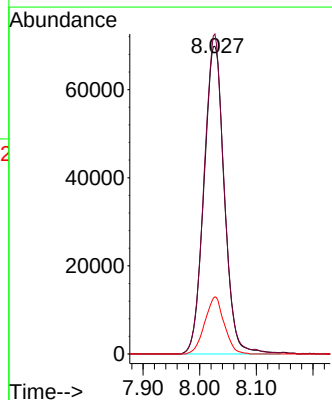
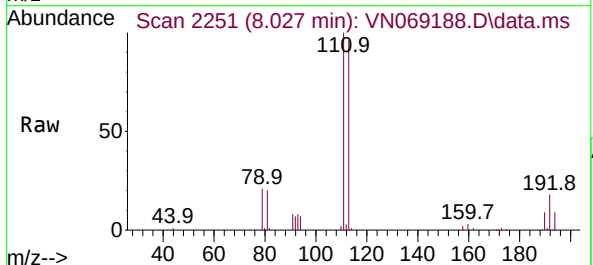
Instrument :
MSVOA_N
ClientSampled :

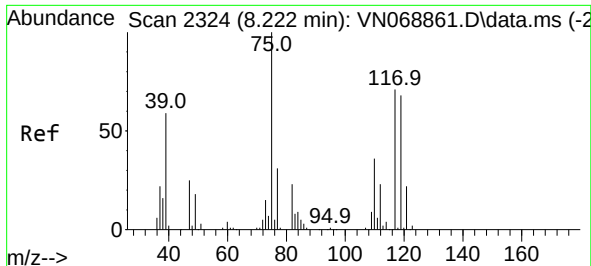
Tgt Ion:114 Resp: 596621
Ion Ratio Lower Upper
114 100
63 20.5 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.409 ug/l
RT: 8.027 min Scan# 2251
Delta R.T. 0.005 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Tgt Ion:113 Resp: 174978
Ion Ratio Lower Upper
113 100
111 100.6 83.2 124.8
192 17.6 15.0 22.4

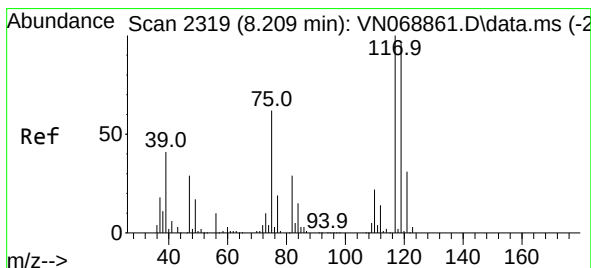
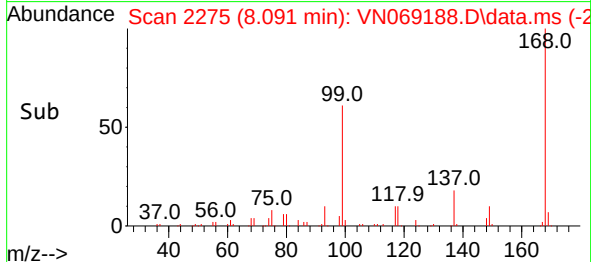
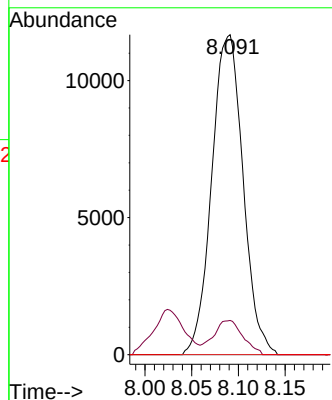
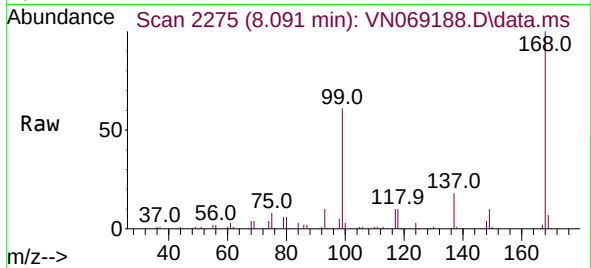




#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. -0.131 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

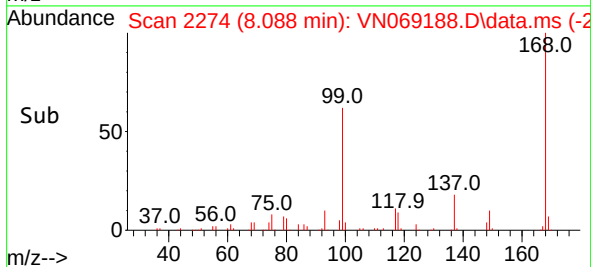
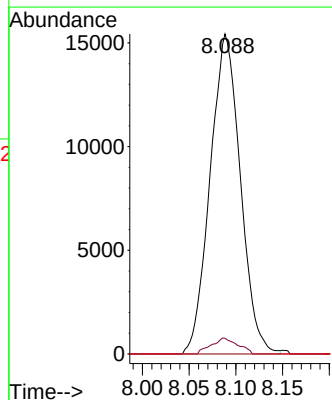
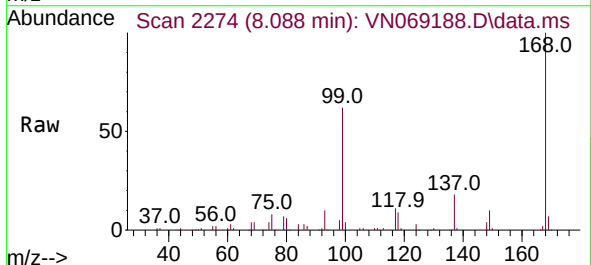
Instrument :
MSVOA_N
ClientSampled :

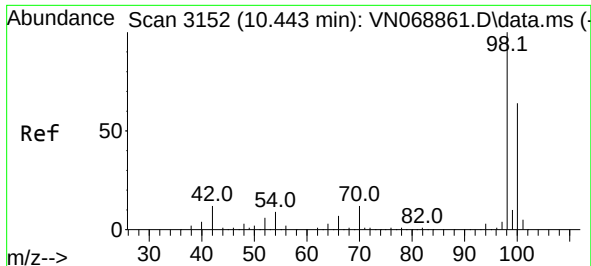
Tgt Ion: 75 Resp: 27222
Ion Ratio Lower Upper
75 100
110 10.2 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.203 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Tgt Ion: 117 Resp: 34719
Ion Ratio Lower Upper
117 100
119 4.9 76.9 115.3#
121 0.0 24.6 37.0#

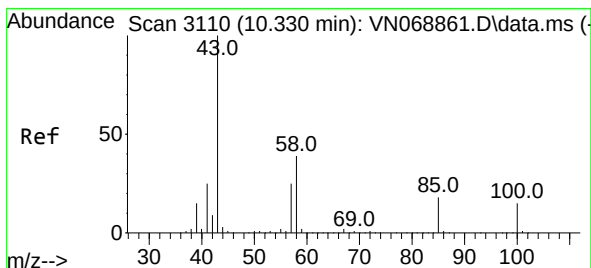
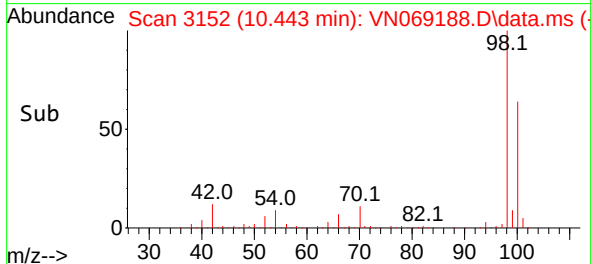
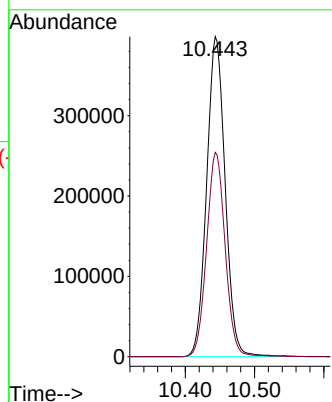
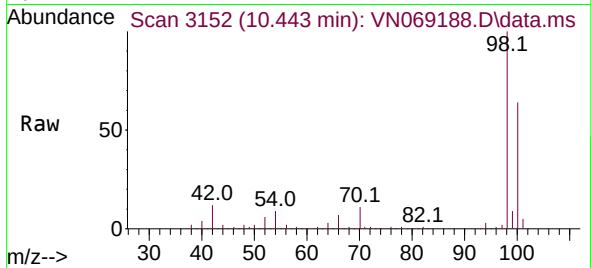




#50
Toluene-d8
Concen: 53.205 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

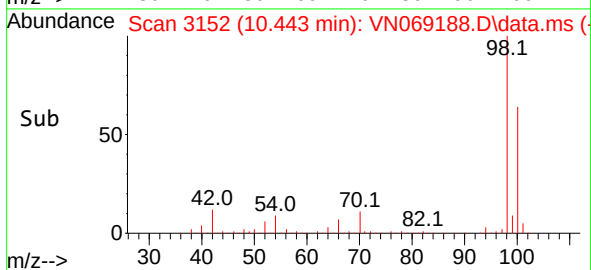
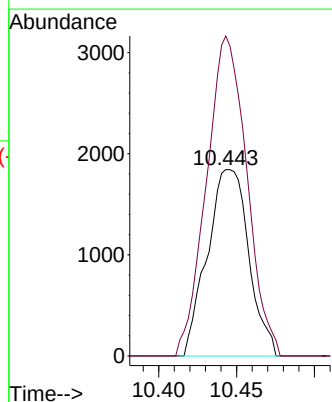
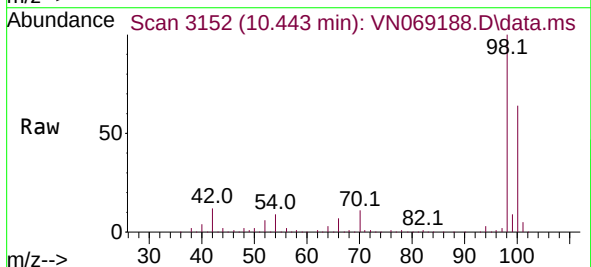
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ClientSampled :

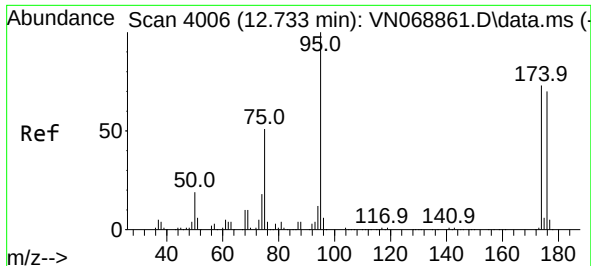
Tgt Ion: 98 Resp: 738959
Ion Ratio Lower Upper
98 100
100 64.1 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.634 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Tgt Ion: 43 Resp: 3412
Ion Ratio Lower Upper
43 100
58 166.8 31.0 46.4#

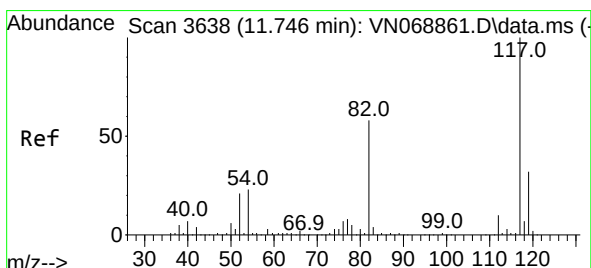
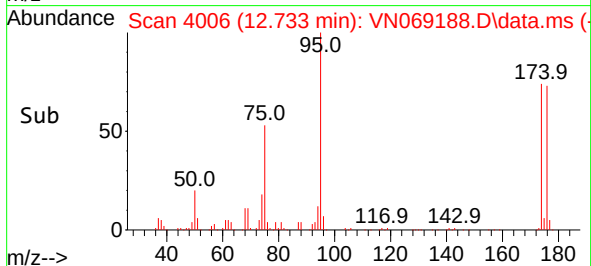
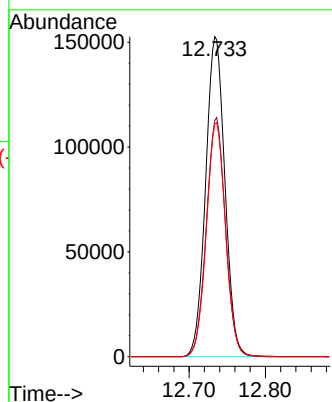
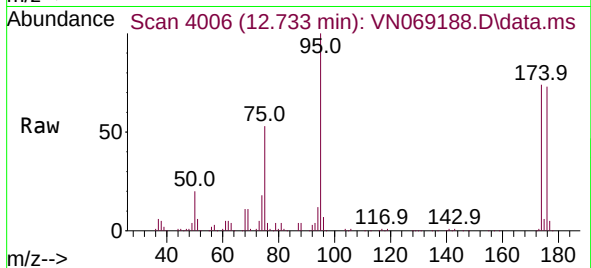




#62
4-Bromofluorobenzene
Concen: 51.033 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

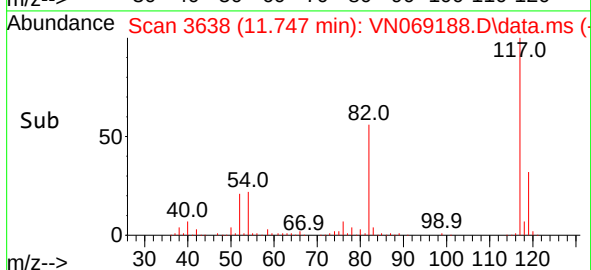
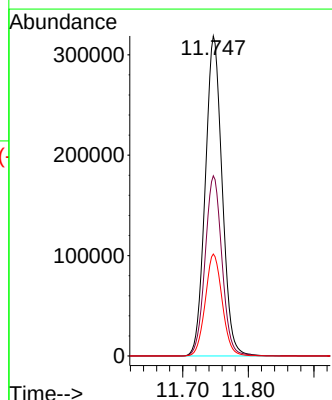
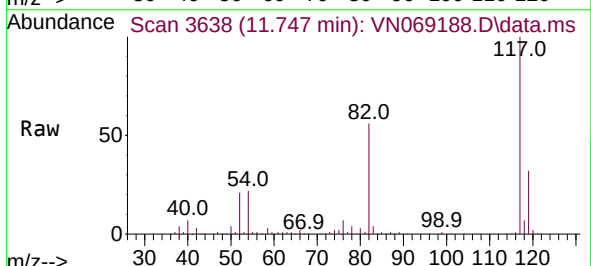
Instrument :
MSVOA_N
ClientSampled :

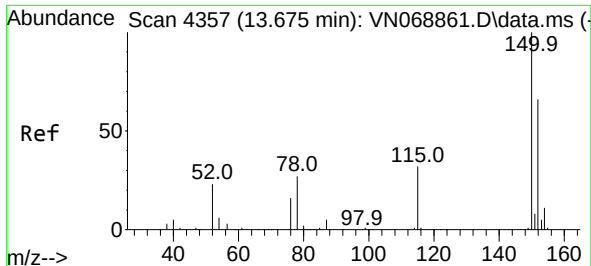
Tgt Ion: 95 Resp: 267416
Ion Ratio Lower Upper
95 100
174 74.3 0.0 144.8
176 72.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Tgt Ion: 117 Resp: 569300
Ion Ratio Lower Upper
117 100
82 56.3 46.4 69.6
119 31.8 26.0 39.0

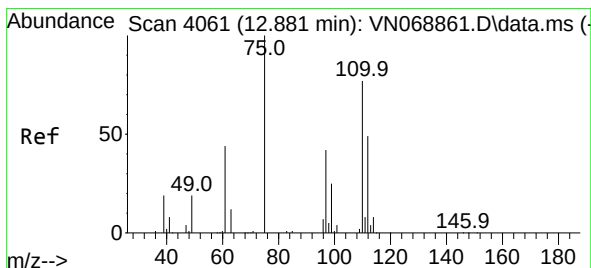
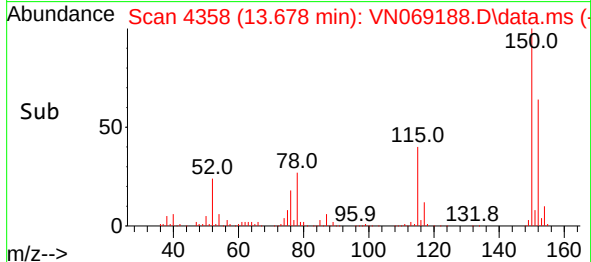
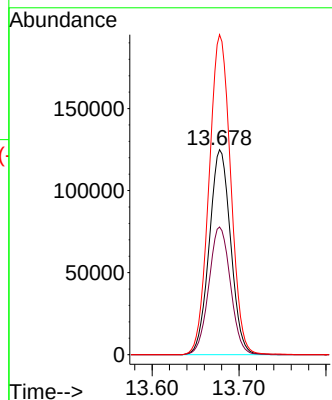
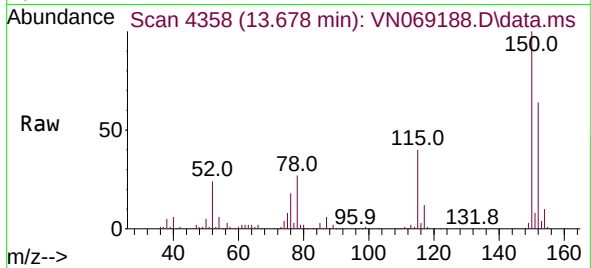




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069188.D
 Acq: 26 Oct 2021 16:20

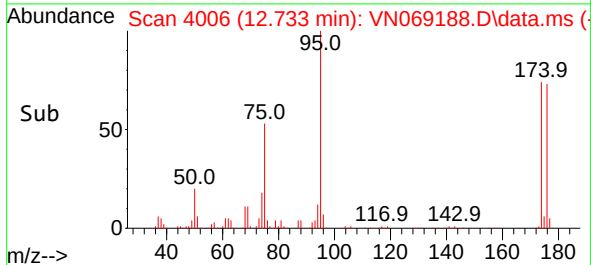
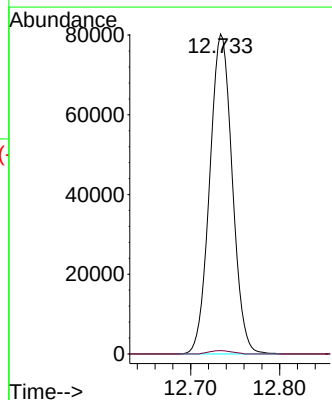
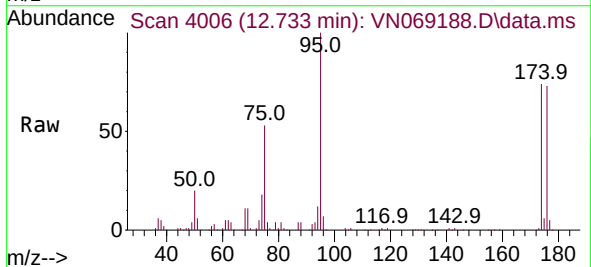
Instrument :
 MSVOA_N
 ClientSampled :

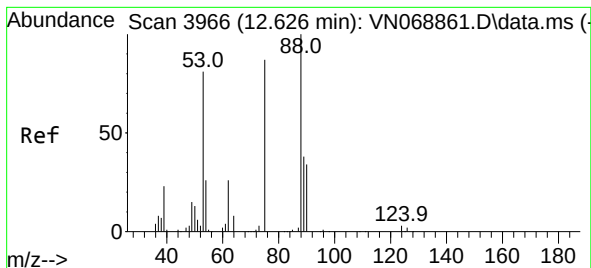
Tgt Ion:152 Resp: 213529
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.4 94.3
 150 157.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 31.120 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.147 min
 Lab File: VN069188.D
 Acq: 26 Oct 2021 16:20

Tgt Ion: 75 Resp: 141387
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.2 288.4#

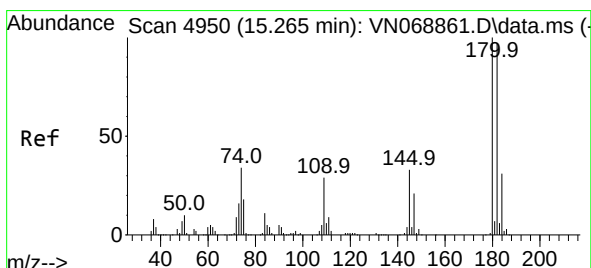
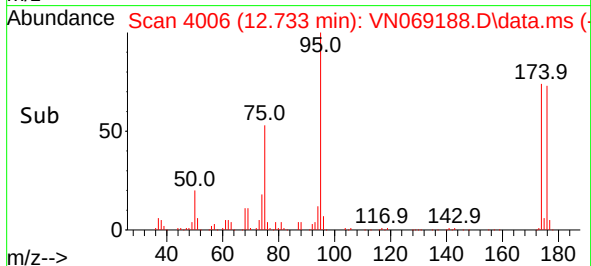
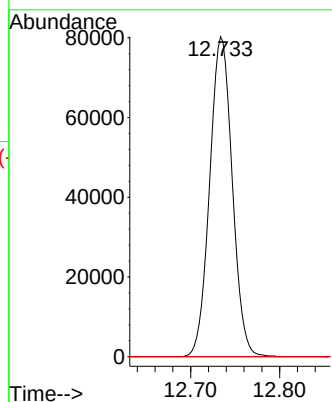
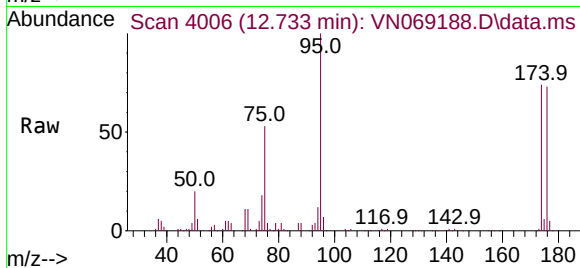




#81
trans-1,4-Dichloro-2-butene
Concen: 74.453 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

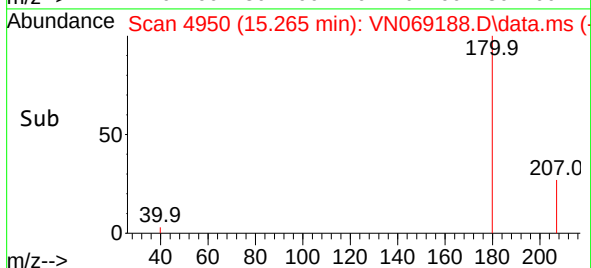
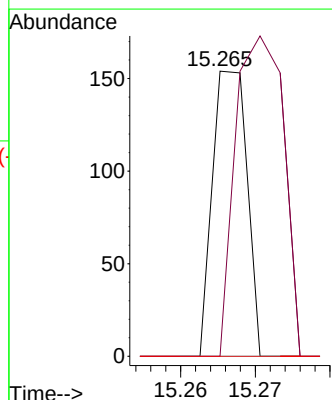
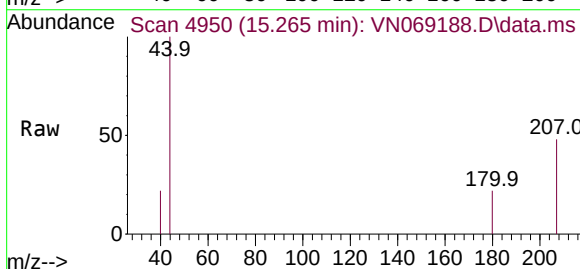
Instrument :
MSVOA_N
ClientSampled :

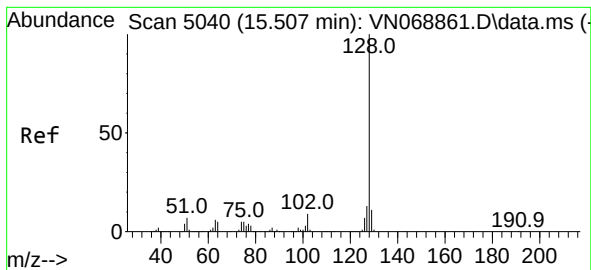
Tgt Ion: 75 Resp: 141387
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.614 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

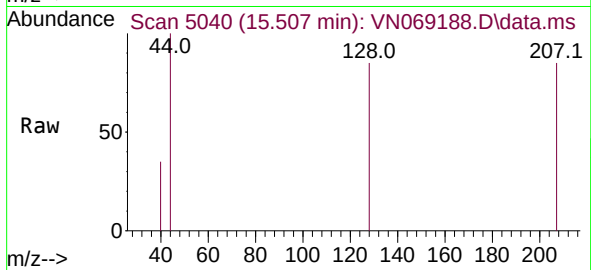
Tgt Ion:180 Resp: 49
Ion Ratio Lower Upper
180 100
182 157.1 47.9 143.7#
145 0.0 16.4 49.2#





#95
Naphthalene
Concen: 3.886 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069188.D
Acq: 26 Oct 2021 16:20

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	795
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.5	15.7#
129	0.0	8.9	13.3#

