

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102121\
 Data File : VN069093.D
 Acq On : 21 Oct 2021 17:18
 Operator : JC/MD
 Sample : M4284-05 200X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 01:34:11 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)

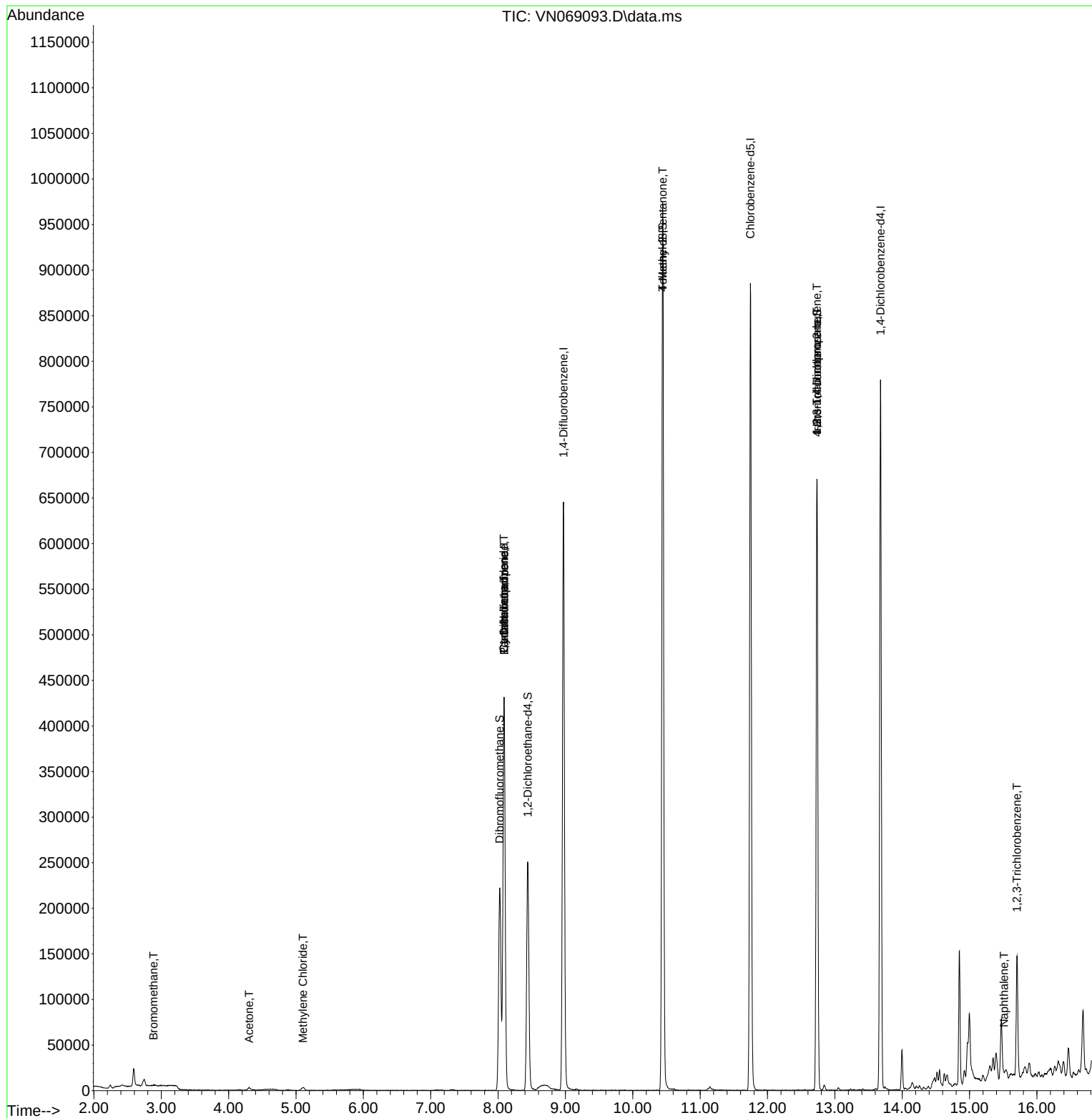
Internal Standards						
1) Pentafluorobenzene	8.091	168	322353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	569287	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	529600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	203398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215056	50.600	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.200%			
35) Dibromofluoromethane	8.024	113	167275	50.503	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.000%			
50) Toluene-d8	10.443	98	707877	53.415	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.820%			
62) 4-Bromofluorobenzene	12.736	95	247742	49.548	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.100%			
Target Compounds						Qvalue
5) Bromomethane	2.885	94	544	0.247	ug/l	89
16) Acetone	4.304	43	5283	3.331	ug/l	99
20) Methylene Chloride	5.103	84	1745	0.478	ug/l #	88
31) Cyclohexane	8.088	56	7566	1.145	ug/l #	1
36) 1,1-Dichloropropene	8.091	75	26881	5.528	ug/l #	50
38) Carbon Tetrachloride	8.088	117	34532	6.466	ug/l #	15
51) 4-Methyl-2-Pentanone	10.443	43	3333	0.649	ug/l #	1
76) 1,2,3-Trichloropropane	12.733	75	129963	30.030	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	129963	71.846	ug/l #	12
95) Naphthalene	15.509	128	2889	4.094	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.702	180	49	2.528	ug/l #	1

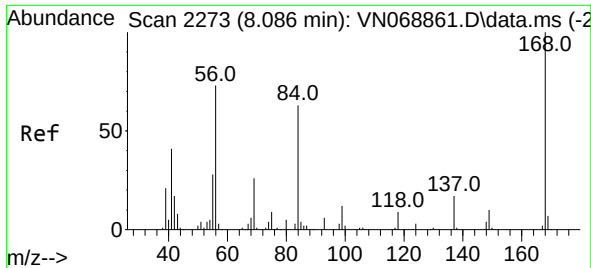
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampled :

Quant Time: Oct 22 01:34:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 05:44:40 2021
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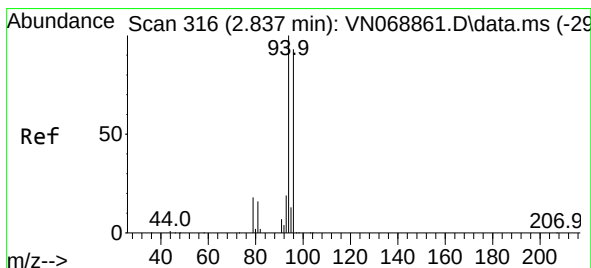
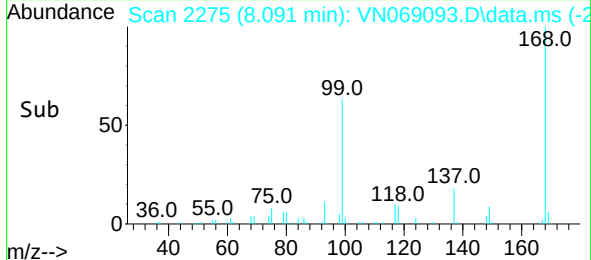
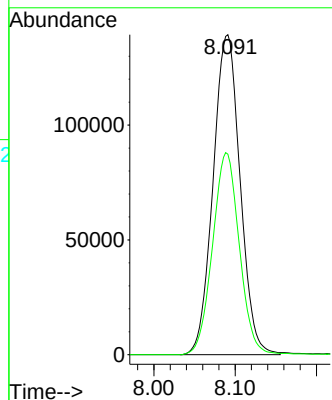
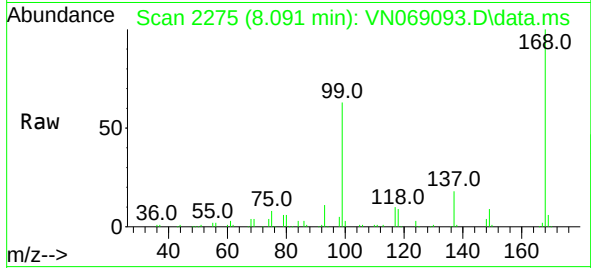




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.091 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

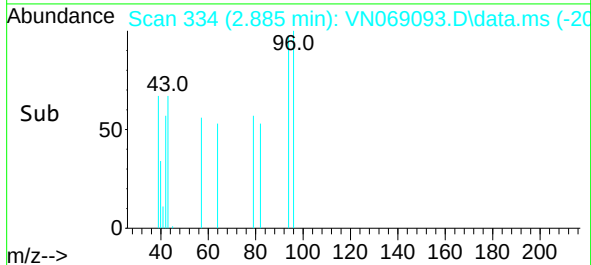
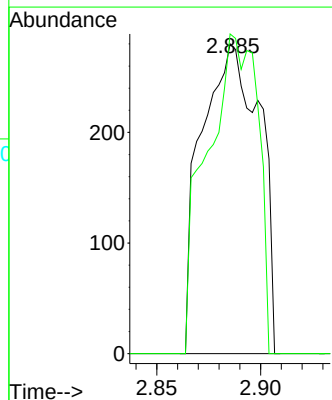
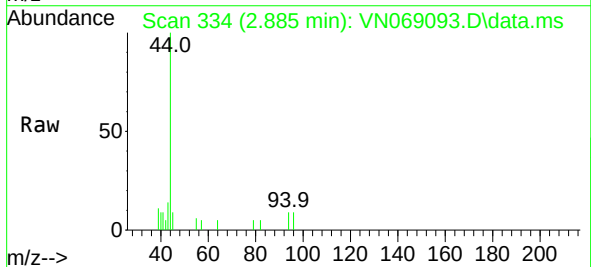
Instrument :
MSVOA_N
ClientSampled :

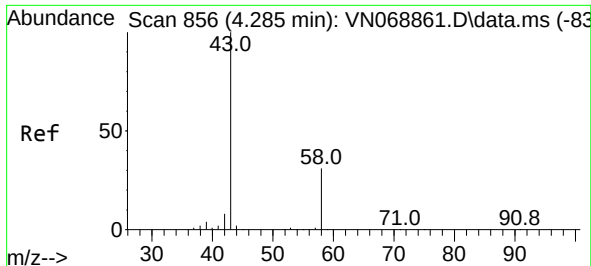
Tgt Ion:168 Resp: 322353
Ion Ratio Lower Upper
168 100
99 62.7 48.9 73.3



#5
Bromomethane
Concen: 0.247 ug/l
RT: 2.885 min Scan# 334
Delta R.T. 0.048 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

Tgt Ion: 94 Resp: 544
Ion Ratio Lower Upper
94 100
96 103.2 74.2 111.4

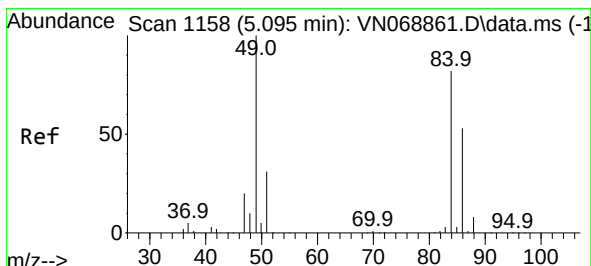
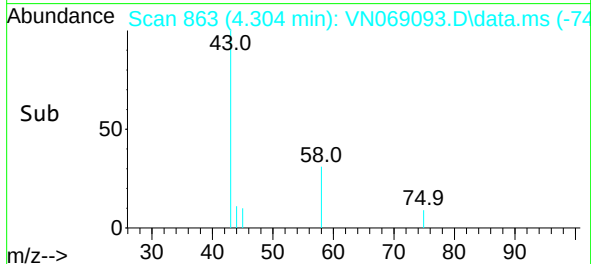
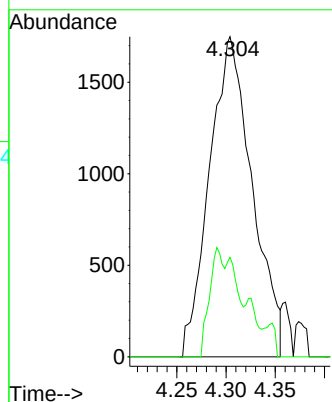
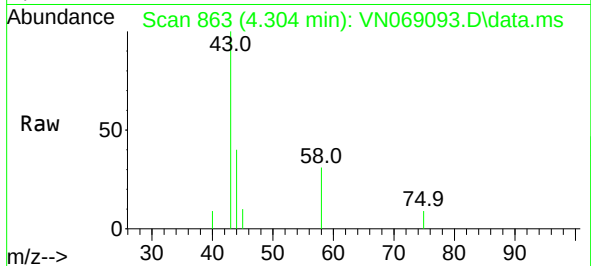




#16
Acetone
Concen: 3.331 ug/l
RT: 4.304 min Scan# 863
Delta R.T. 0.019 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

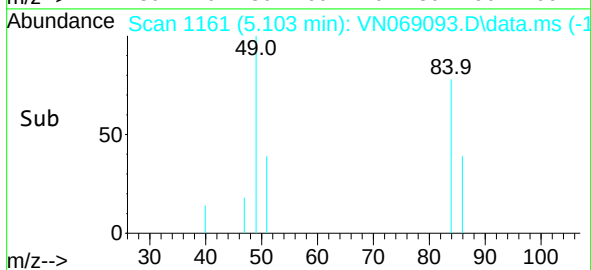
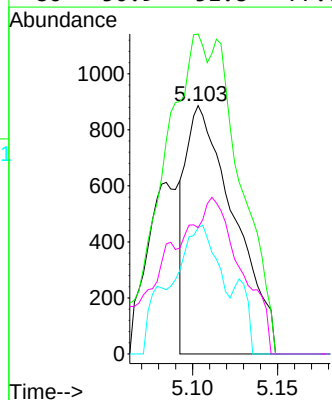
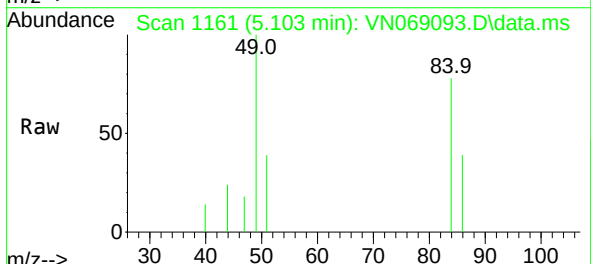
Instrument :
MSVOA_N
ClientSampled :

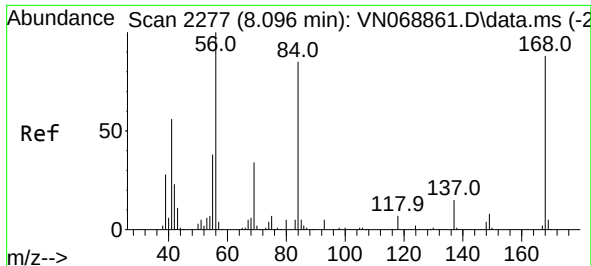
Tgt Ion: 43 Resp: 5283
Ion Ratio Lower Upper
43 100
58 31.0 24.5 36.7



#20
Methylene Chloride
Concen: 0.478 ug/l
RT: 5.103 min Scan# 1161
Delta R.T. 0.008 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

Tgt Ion: 84 Resp: 1745
Ion Ratio Lower Upper
84 100
49 128.9 97.6 146.4
51 50.8 30.3 45.5#
86 50.9 51.8 77.6#

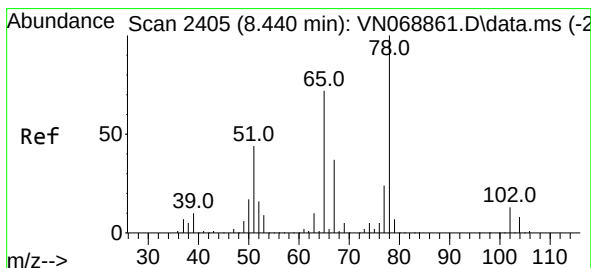
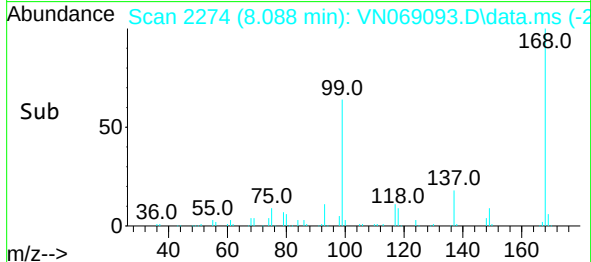
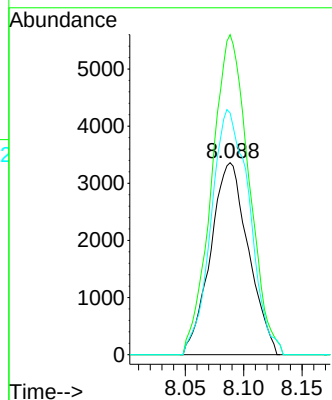
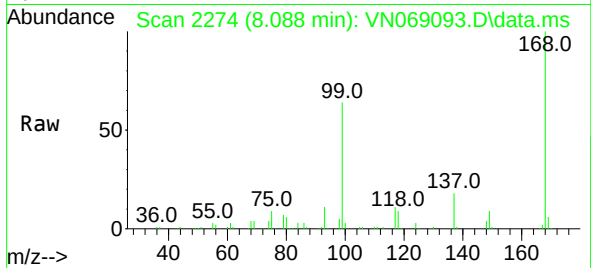




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

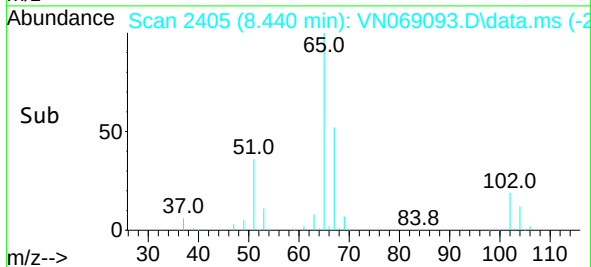
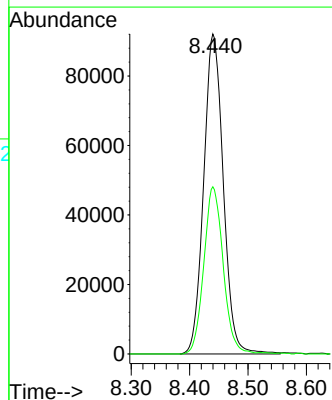
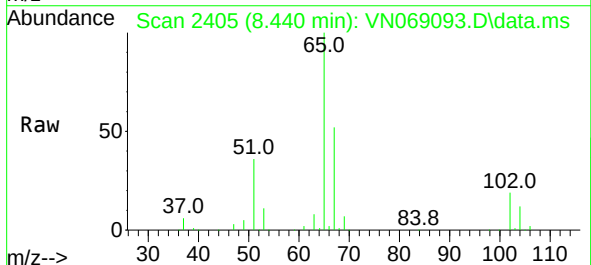
Instrument :
MSVOA_N
ClientSampled :

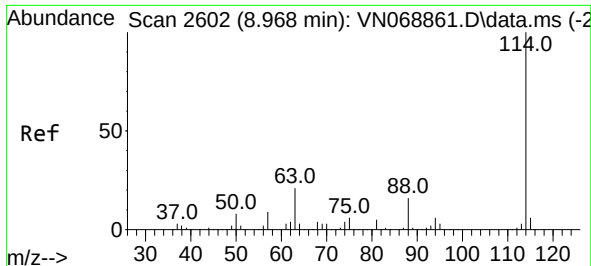
Tgt Ion: 56 Resp: 7566
Ion Ratio Lower Upper
56 100
69 166.6 26.9 40.3#
84 125.9 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 50.600 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

Tgt Ion: 65 Resp: 215056
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.8

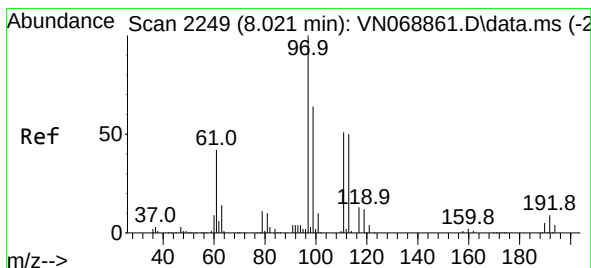
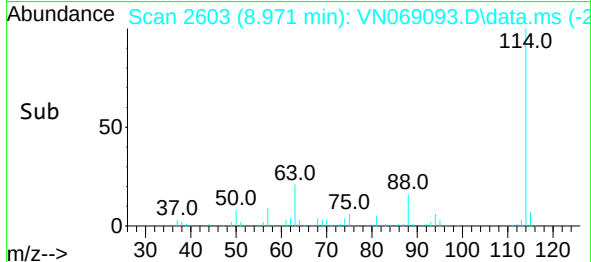
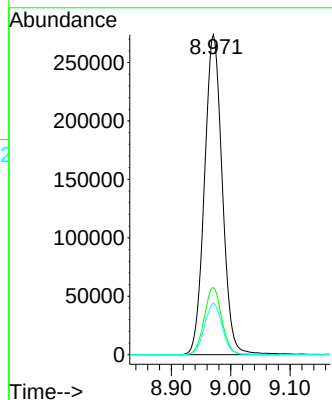
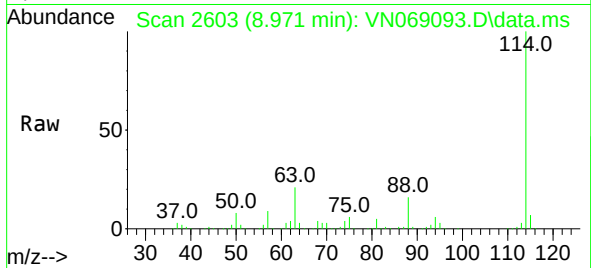




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

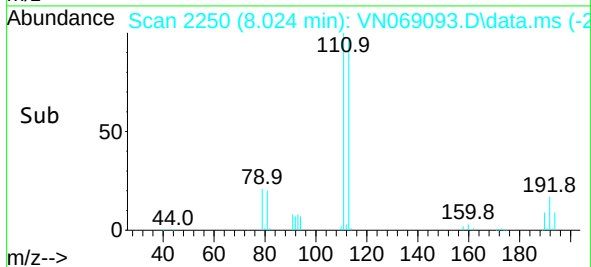
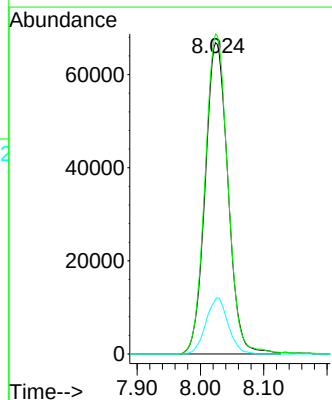
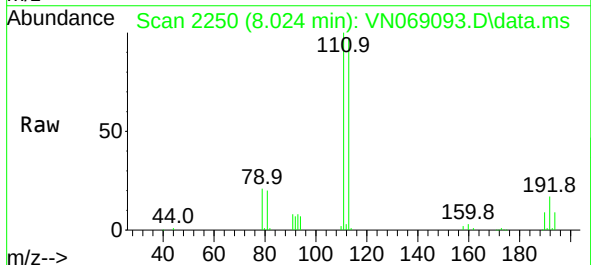
Instrument :
MSVOA_N
ClientSampled :

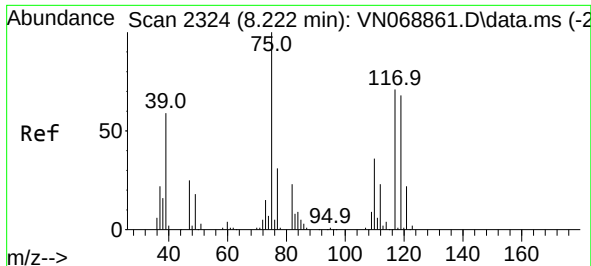
Tgt Ion:114 Resp: 569287
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.6
88 16.2 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.503 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

Tgt Ion:113 Resp: 167275
Ion Ratio Lower Upper
113 100
111 103.1 83.2 124.8
192 17.5 15.0 22.4





#36

1,1-Dichloropropene

Concen: 5.528 ug/l

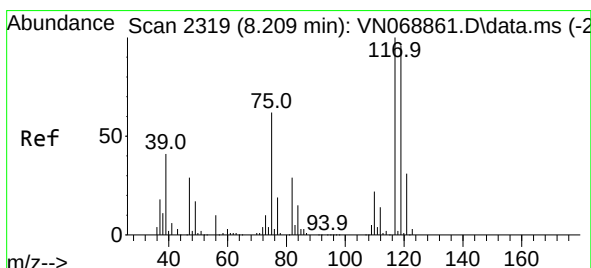
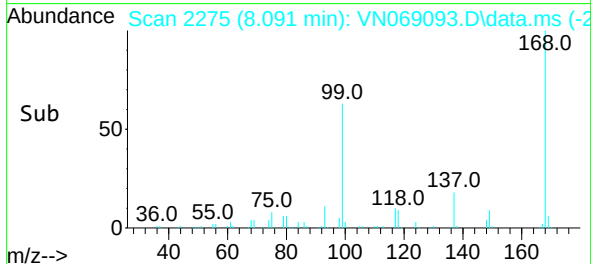
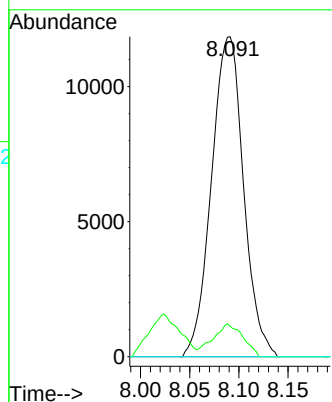
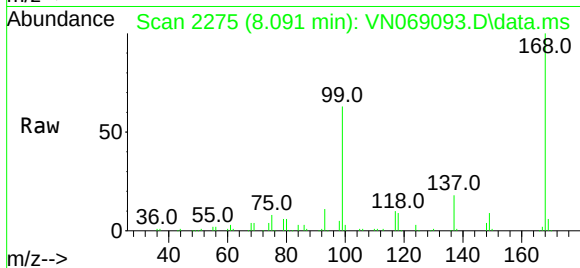
RT: 8.091 min Scan# 2275

Delta R.T. -0.131 min

Lab File: VN069093.D

Acq: 21 Oct 2021 17:18

Tgt Ion:	75	Resp:	26881
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.9	53.8#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.466 ug/l

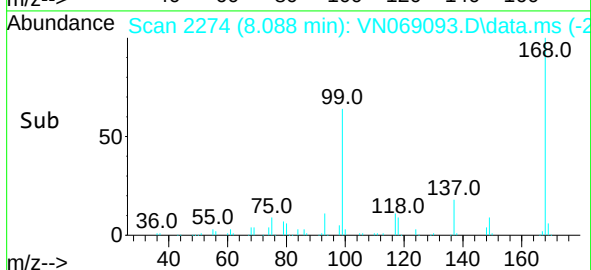
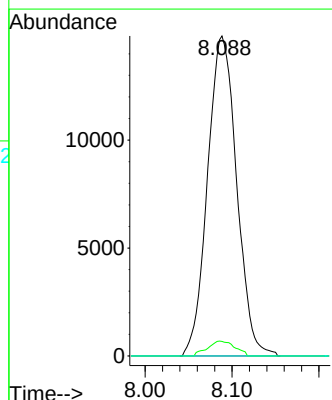
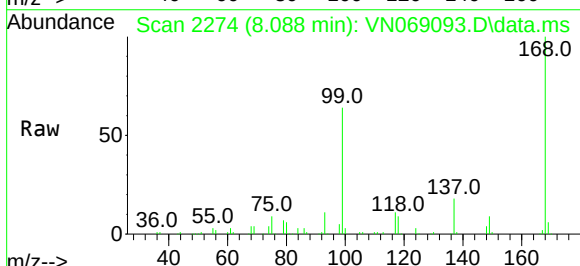
RT: 8.088 min Scan# 2274

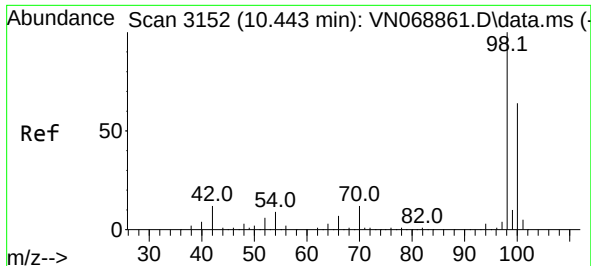
Delta R.T. -0.121 min

Lab File: VN069093.D

Acq: 21 Oct 2021 17:18

Tgt Ion:	117	Resp:	34532
Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.9	115.3#
121	0.0	24.6	37.0#

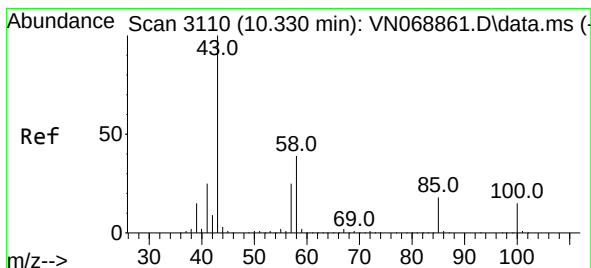
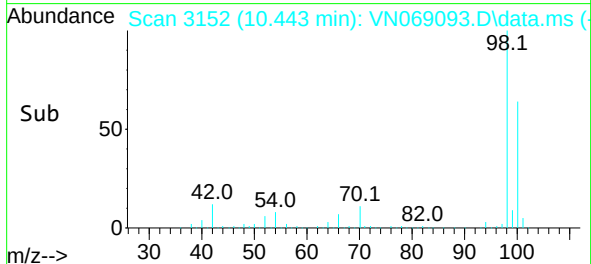
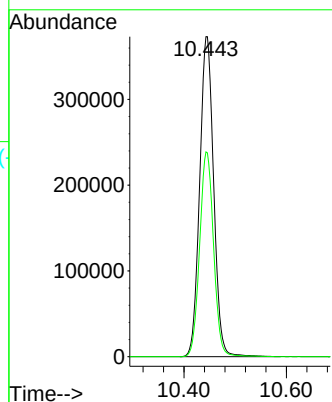
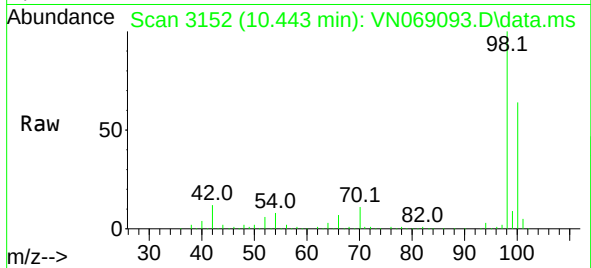




#50
Toluene-d8
Concen: 53.415 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

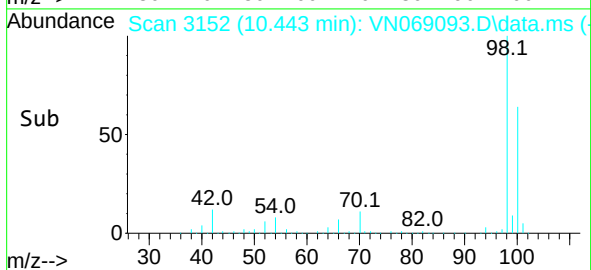
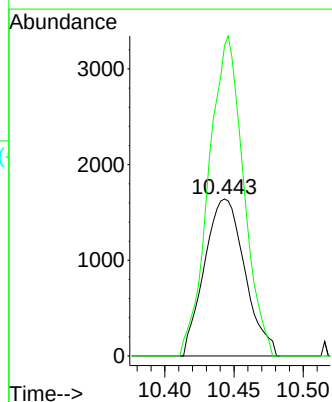
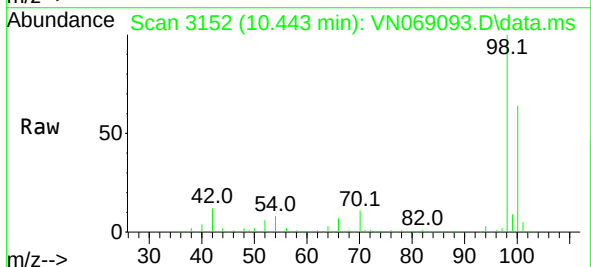
Instrument :
MSVOA_N
ClientSampled :

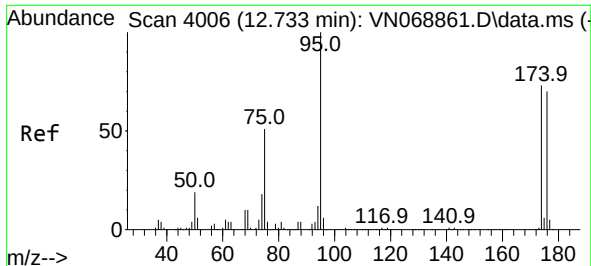
Tgt Ion: 98 Resp: 707877
Ion Ratio Lower Upper
98 100
100 63.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.649 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.113 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

Tgt Ion: 43 Resp: 3333
Ion Ratio Lower Upper
43 100
58 175.5 31.0 46.4#

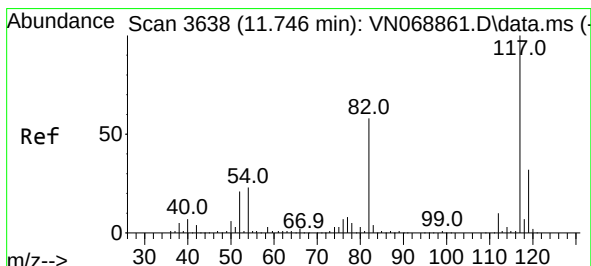
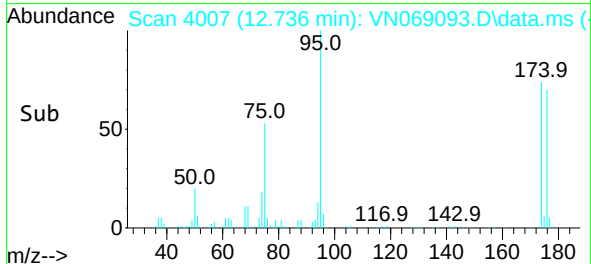
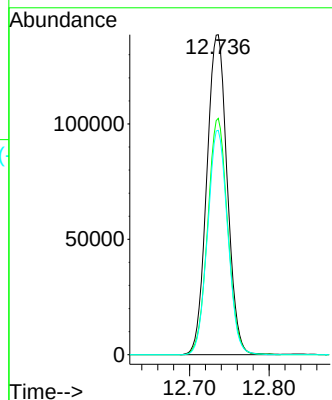
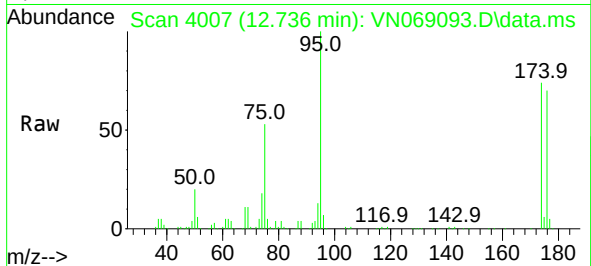




#62
4-Bromofluorobenzene
Concen: 49.548 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

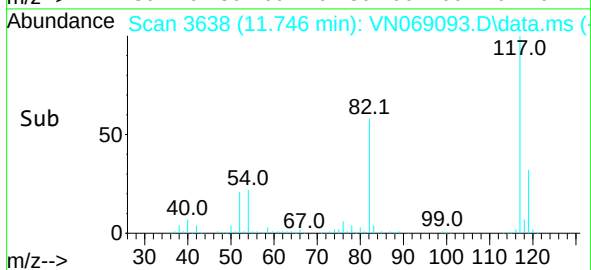
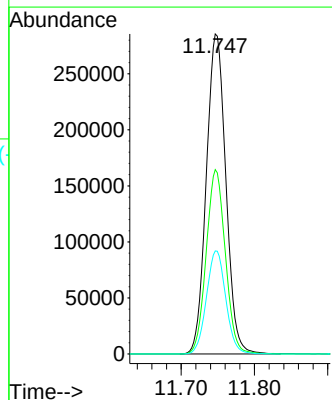
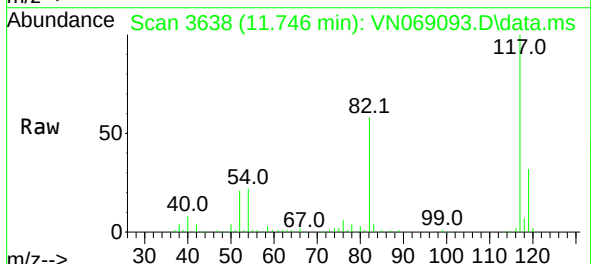
Instrument :
MSVOA_N
ClientSampled :

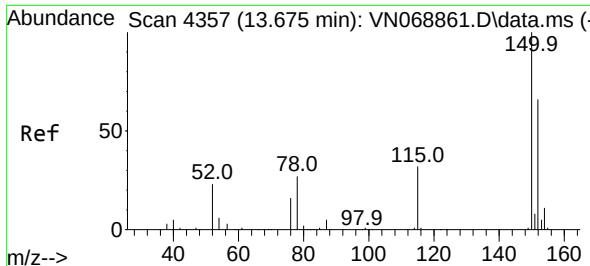
Tgt Ion: 95 Resp: 247742
Ion Ratio Lower Upper
95 100
174 72.5 0.0 144.8
176 69.0 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

Tgt Ion: 117 Resp: 529600
Ion Ratio Lower Upper
117 100
82 57.6 46.4 69.6
119 32.2 26.0 39.0

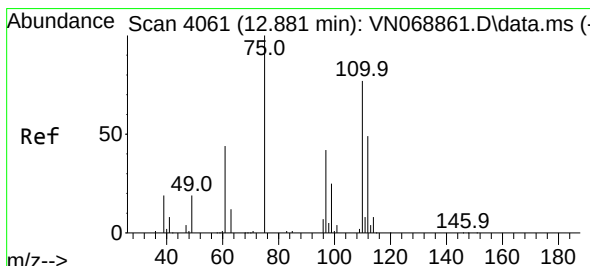
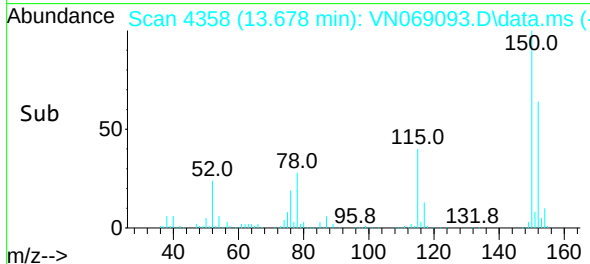
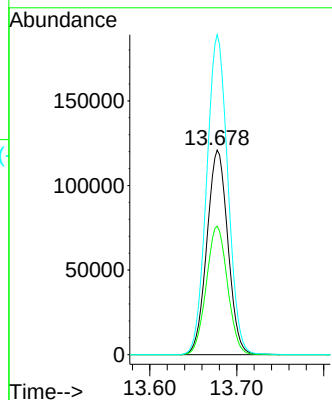
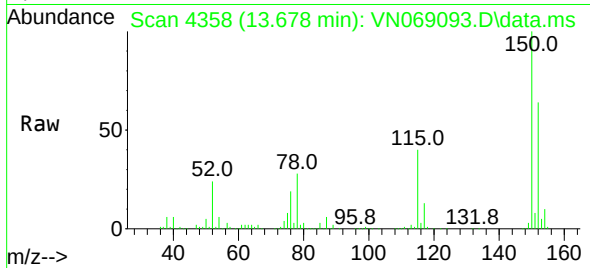




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN069093.D
 Acq: 21 Oct 2021 17:18

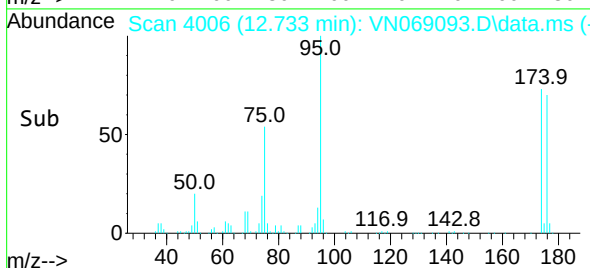
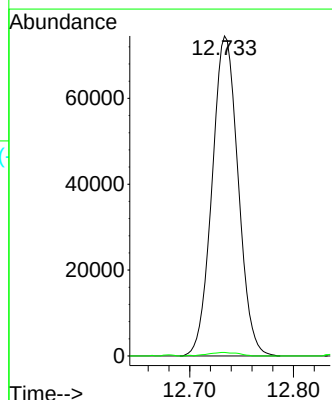
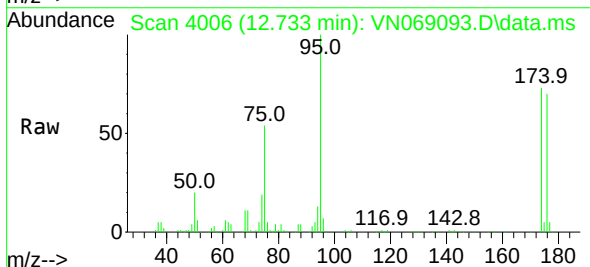
Instrument :
 MSVOA_N
 ClientSampled :

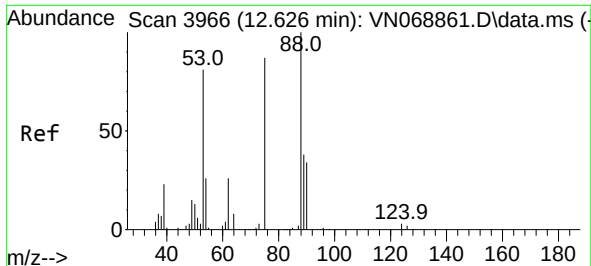
Tgt Ion:152 Resp: 203398
 Ion Ratio Lower Upper
 152 100
 115 63.4 31.4 94.3
 150 157.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.030 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN069093.D
 Acq: 21 Oct 2021 17:18

Tgt Ion: 75 Resp: 129963
 Ion Ratio Lower Upper
 75 100
 77 1.2 96.2 288.4#

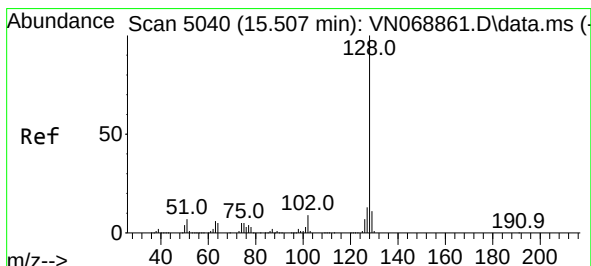
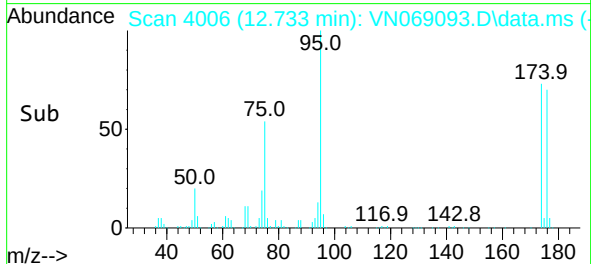
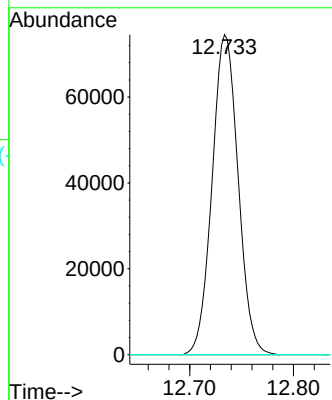
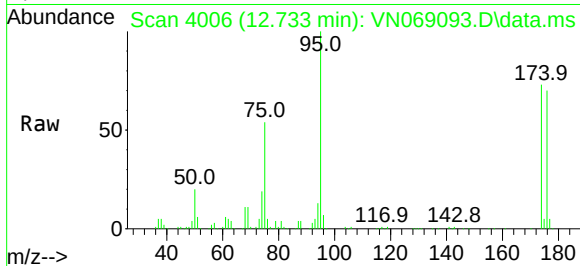




#81
trans-1,4-Dichloro-2-butene
Concen: 71.846 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

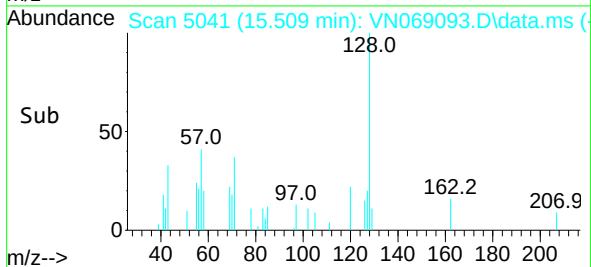
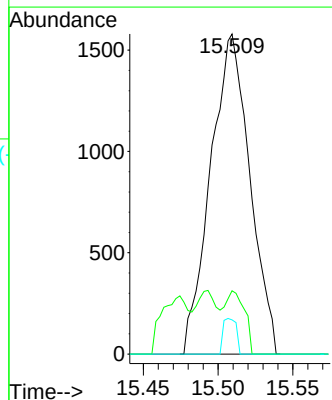
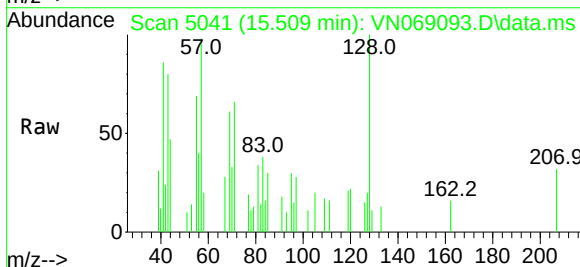
Instrument :
MSVOA_N
ClientSampled :

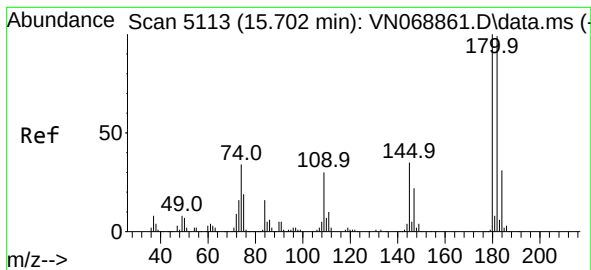
Tgt Ion: 75 Resp: 129963
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 4.094 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069093.D
Acq: 21 Oct 2021 17:18

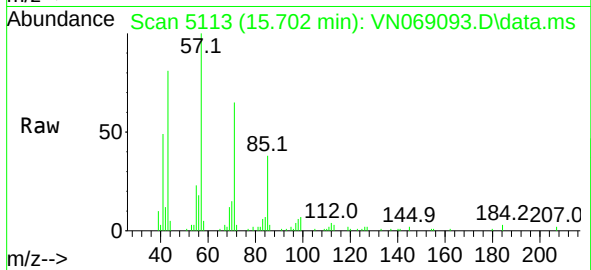
Tgt Ion:128 Resp: 2889
Ion Ratio Lower Upper
128 100
127 9.9 10.5 15.7#
129 3.7 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 2.528 ug/l
 RT: 15.702 min Scan# 5113
 Delta R.T. 0.000 min
 Lab File: VN069093.D
 Acq: 21 Oct 2021 17:18

Instrument :
 MSVOA_N
 ClientSampled :



Tgt Ion:180 Resp: 49
 Ion Ratio Lower Upper
 180 100
 182 106.1 48.1 144.3
 145 1646.9 17.4 52.2#

