

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
 Data File : VN068961.D
 Acq On : 15 Oct 2021 20:08
 Operator : JC/MD
 Sample : M4254-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 18 02:17:56 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)

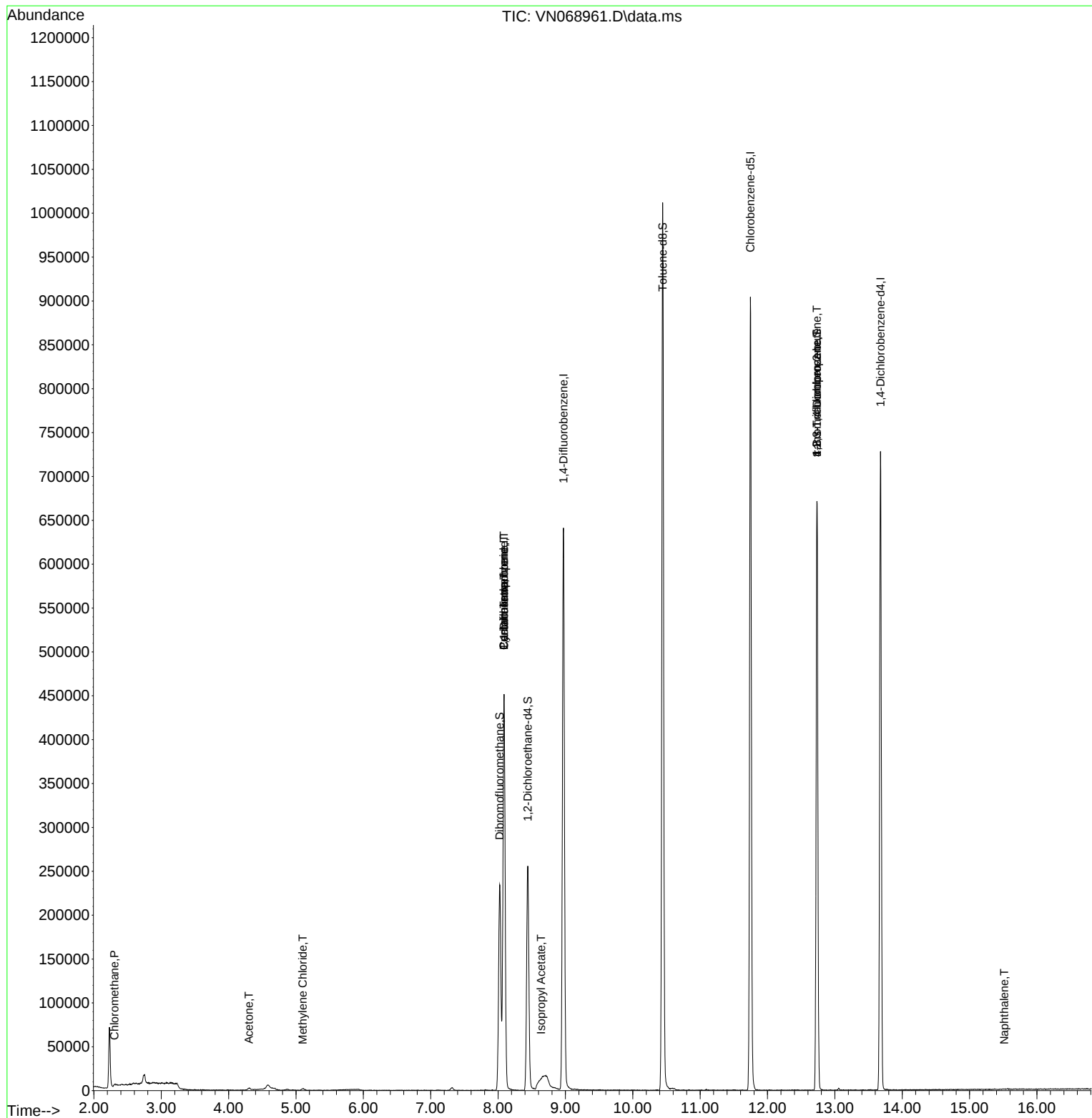
Internal Standards						
1) Pentafluorobenzene	8.088	168	338669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	586466	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	533949	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	197393	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	215967	48.366	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.740%		
35) Dibromofluoromethane	8.024	113	173640	50.889	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.780%		
50) Toluene-d8	10.443	98	727981	53.323	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.640%		
62) 4-Bromofluorobenzene	12.733	95	250259	48.586	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.180%		
Target Compounds						Qvalue
3) Chloromethane	2.303	50	1410	0.341	ug/l	98
16) Acetone	4.299	43	3109	1.866	ug/l	98
20) Methylene Chloride	5.098	84	1174	0.306	ug/l #	91
31) Cyclohexane	8.088	56	8004	1.153	ug/l #	12
36) 1,1-Dichloropropene	8.088	75	28534	5.696	ug/l #	49
38) Carbon Tetrachloride	8.088	117	35422	6.439	ug/l #	15
43) Isopropyl Acetate	8.638	43	14919	1.634	ug/l #	55
76) 1,2,3-Trichloropropane	12.733	75	128899	30.691	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	128899	73.425	ug/l #	12
95) Naphthalene	15.517	128	559	3.868	ug/l #	69

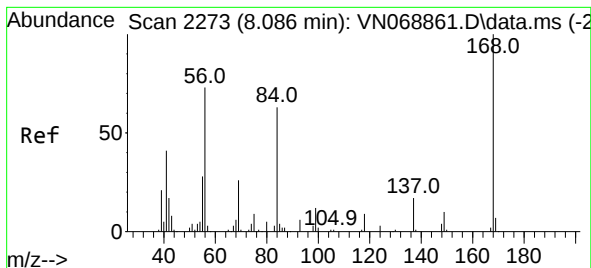
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101521\
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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: VN068961.D

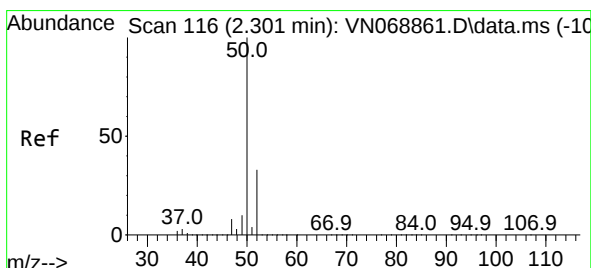
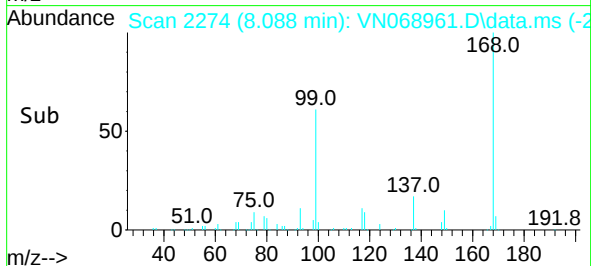
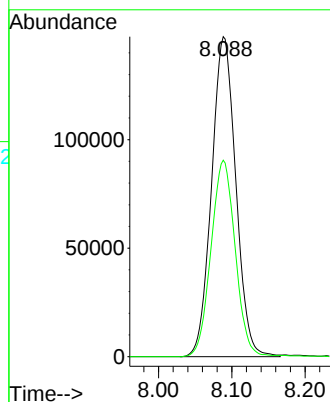
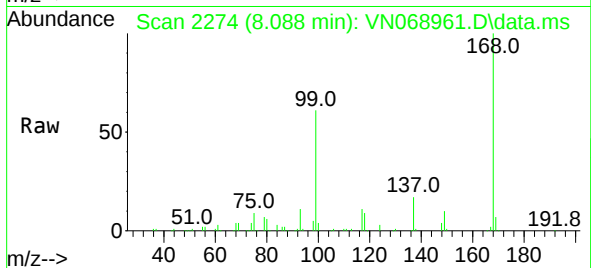
Acq: 15 Oct 2021 20:08

Tgt Ion:168 Resp: 338669

Ion Ratio Lower Upper

168 100

99 61.4 48.9 73.3



#3

Chloromethane

Concen: 0.341 ug/l

RT: 2.303 min Scan# 117

Delta R.T. 0.003 min

Lab File: VN068961.D

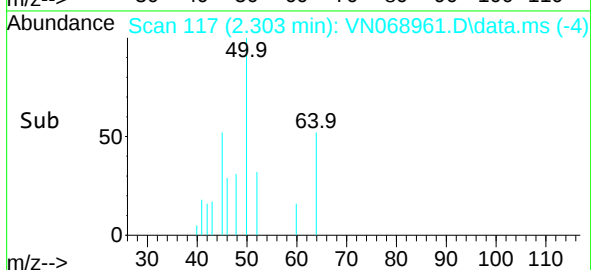
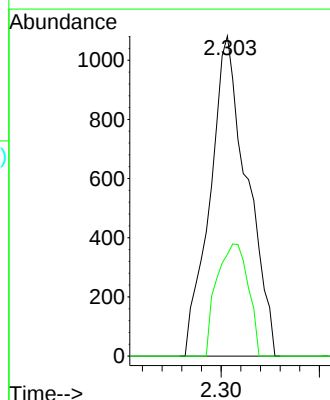
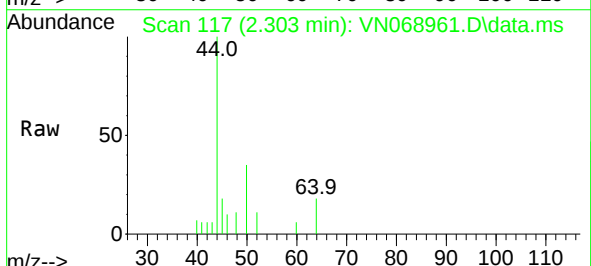
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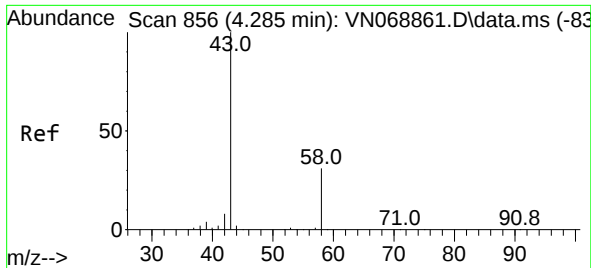
Tgt Ion: 50 Resp: 1410

Ion Ratio Lower Upper

50 100

52 31.8 26.3 39.5

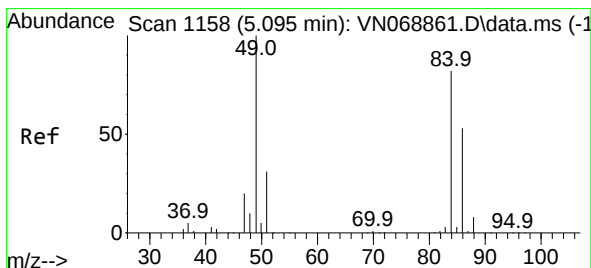
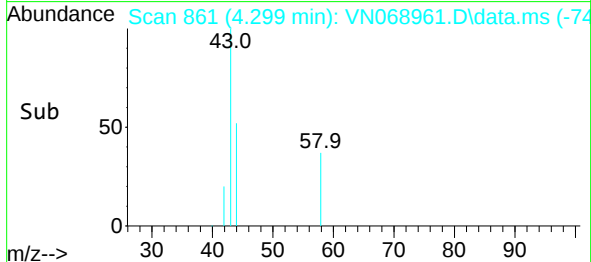
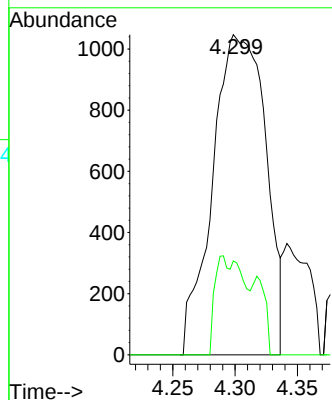
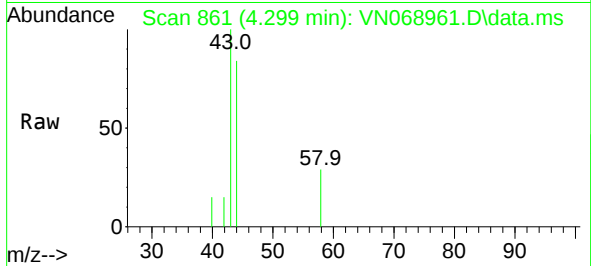




#16
Acetone
Concen: 1.866 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.013 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

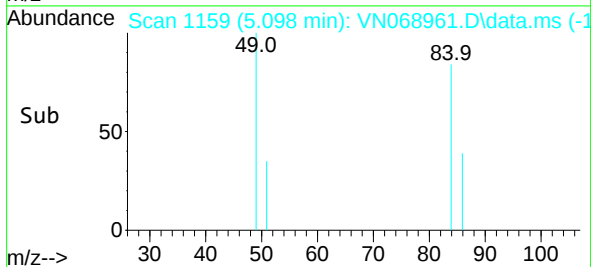
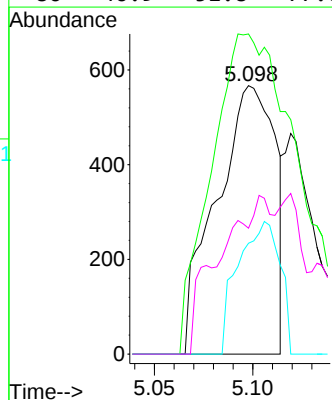
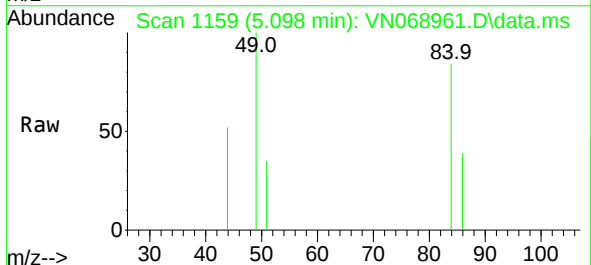
Instrument :
MSVOA_N
ClientSampled :

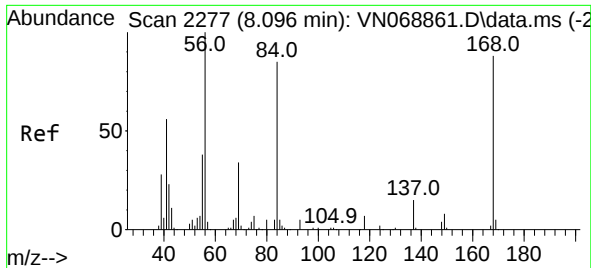
Tgt Ion: 43 Resp: 3109
Ion Ratio Lower Upper
43 100
58 29.3 24.5 36.7



#20
Methylene Chloride
Concen: 0.306 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 84 Resp: 1174
Ion Ratio Lower Upper
84 100
49 119.2 97.6 146.4
51 41.3 30.3 45.5
86 46.9 51.8 77.6#

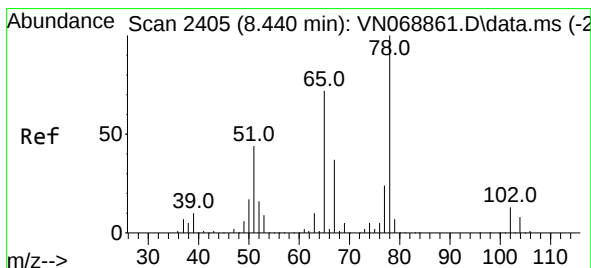
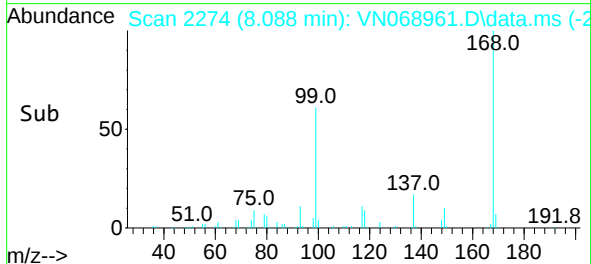
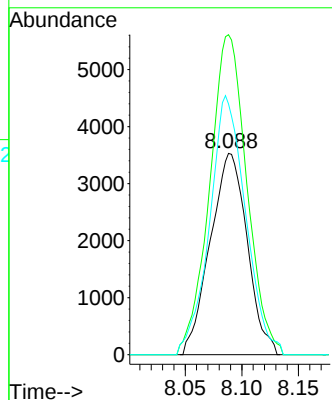
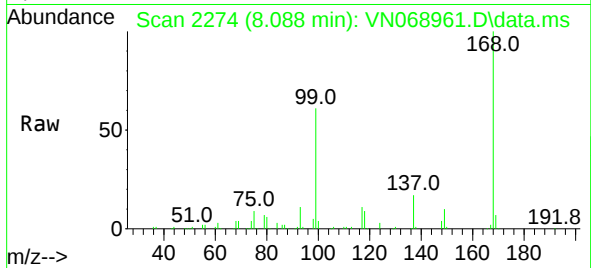




#31
Cyclohexane
Concen: 1.153 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.008 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

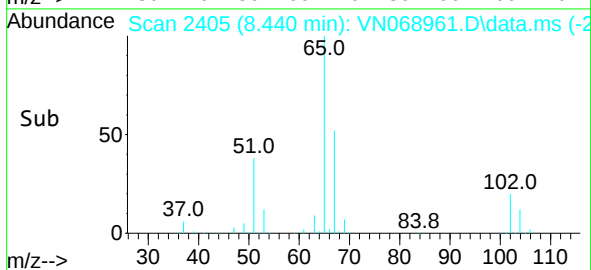
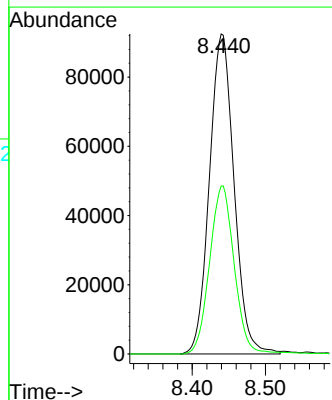
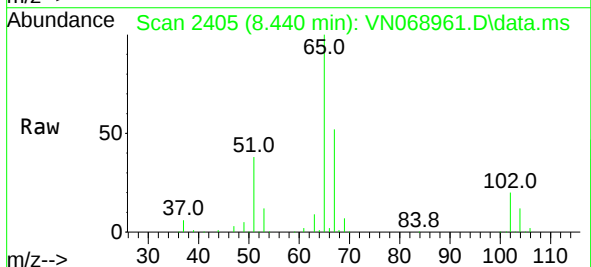
Instrument :
MSVOA_N
ClientSampled :

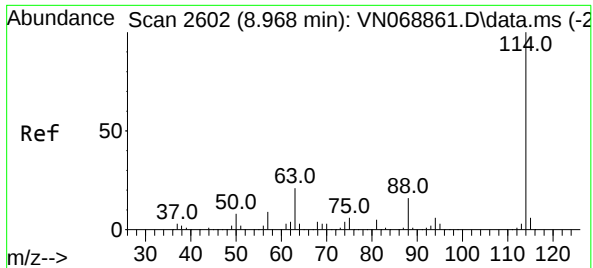
Tgt Ion: 56 Resp: 8004
Ion Ratio Lower Upper
56 100
69 154.4 26.9 40.3#
84 119.6 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 48.366 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 65 Resp: 215967
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.8

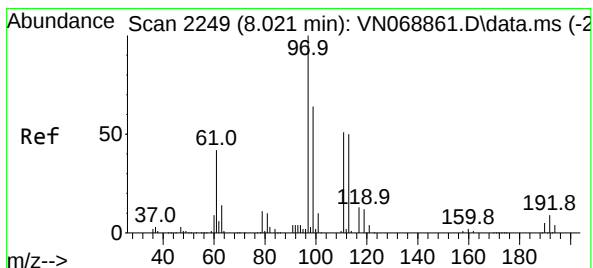
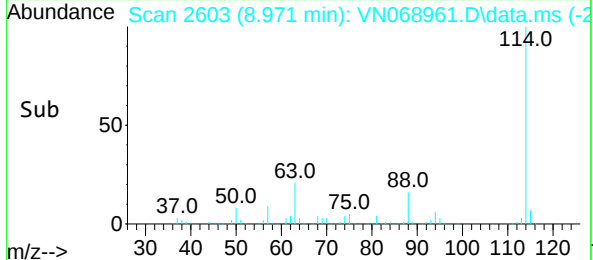
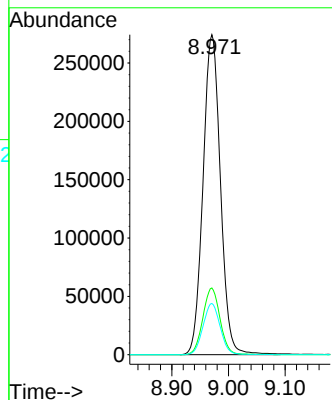
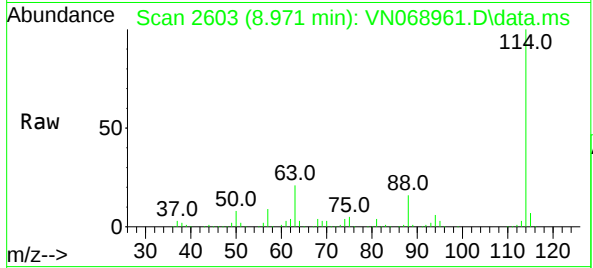




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

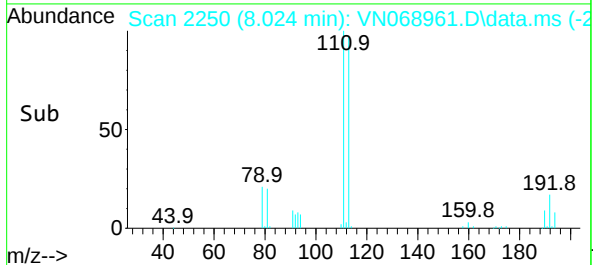
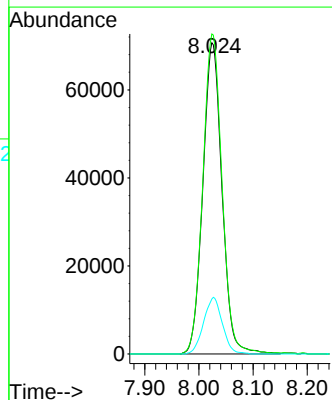
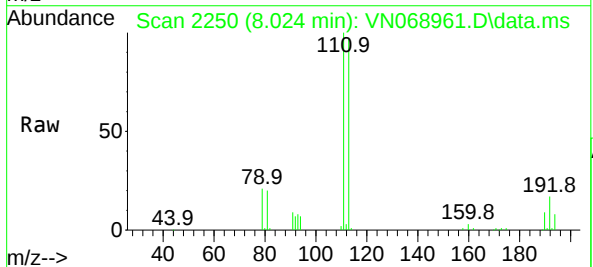
Instrument :
MSVOA_N
ClientSampled :

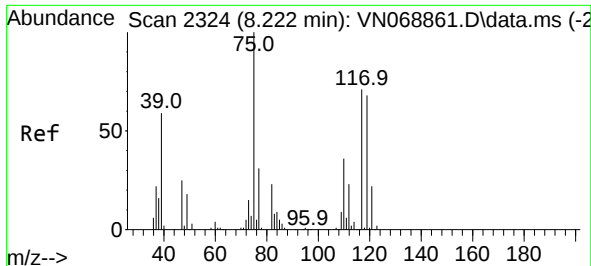
Tgt Ion:114 Resp: 586466
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.0 0.0 32.0



#35
Dibromofluoromethane
Concen: 50.889 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion:113 Resp: 173640
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 17.9 15.0 22.4

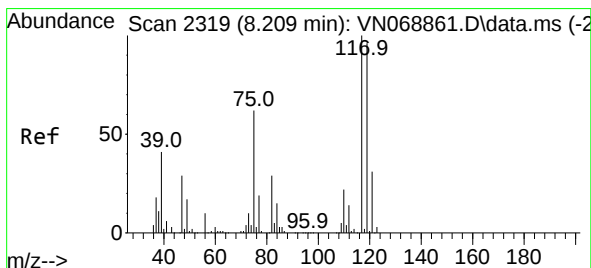
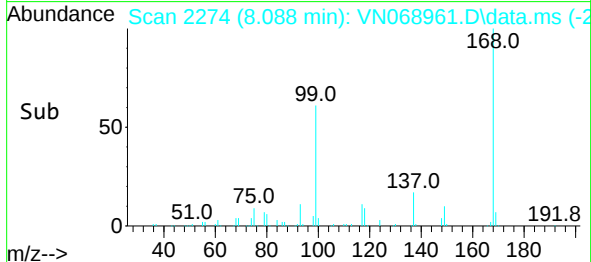
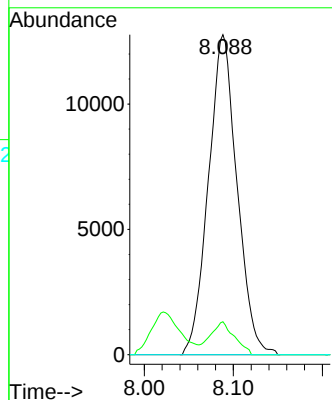
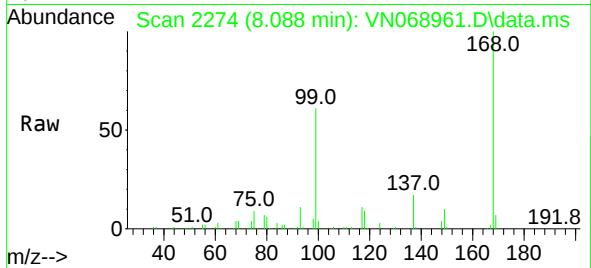




#36
1,1-Dichloropropene
Concen: 5.696 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.134 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

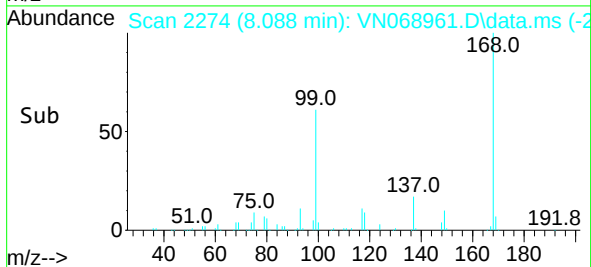
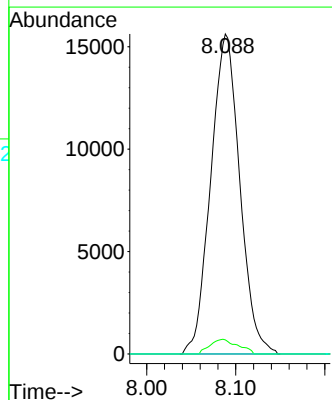
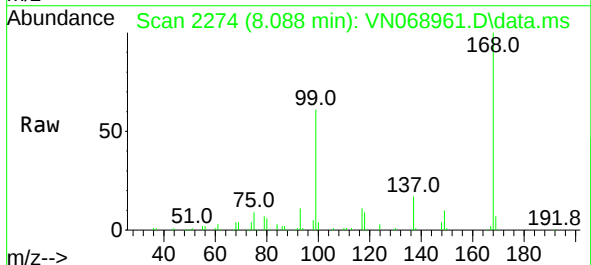
Instrument :
MSVOA_N
ClientSampled :

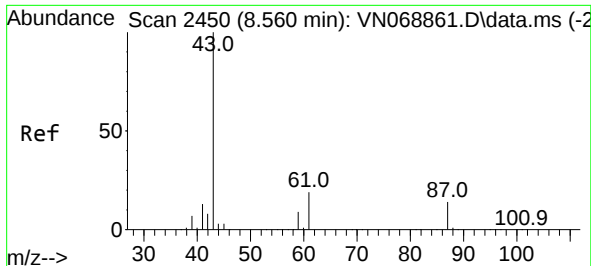
Tgt Ion: 75 Resp: 28534
Ion Ratio Lower Upper
75 100
110 8.7 17.9 53.8#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.439 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 117 Resp: 35422
Ion Ratio Lower Upper
117 100
119 4.4 76.9 115.3#
121 0.0 24.6 37.0#

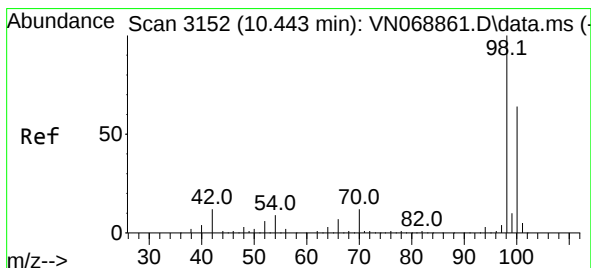
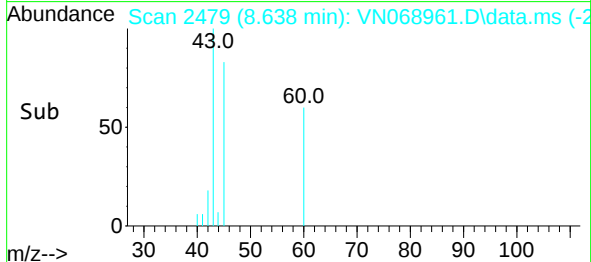
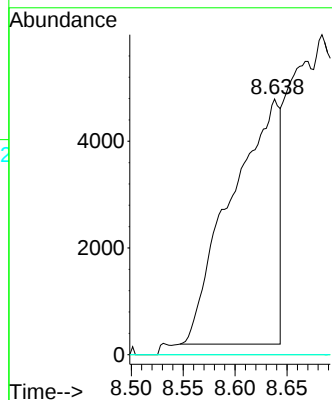
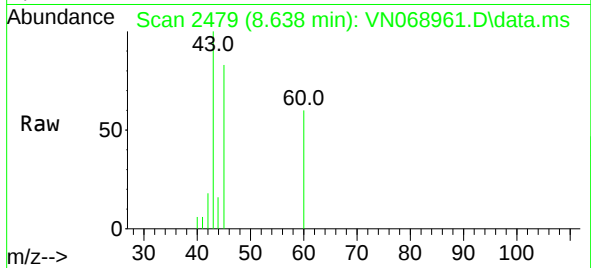




#43
Isopropyl Acetate
Concen: 1.634 ug/l
RT: 8.638 min Scan# 2479
Delta R.T. 0.078 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

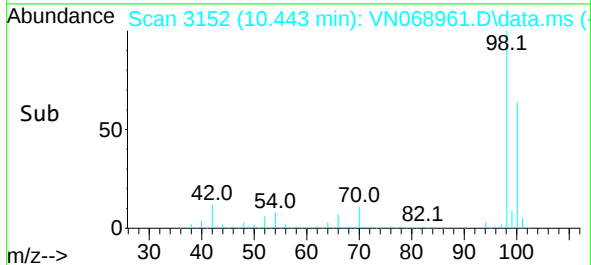
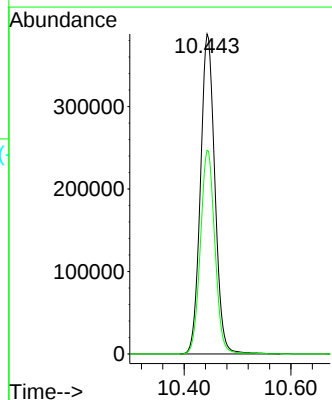
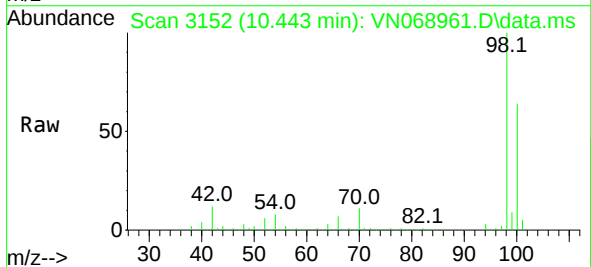
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MSVOA_N
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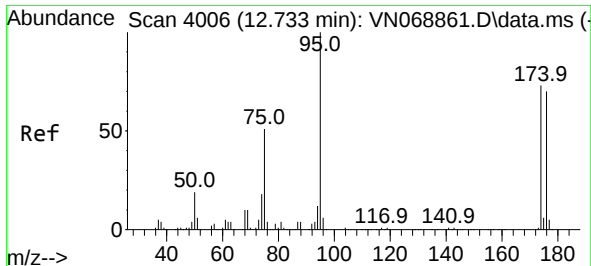
Tgt Ion: 43 Resp: 14919
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.7 16.1#



#50
Toluene-d8
Concen: 53.323 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 98 Resp: 727981
Ion Ratio Lower Upper
98 100
100 64.0 51.5 77.3

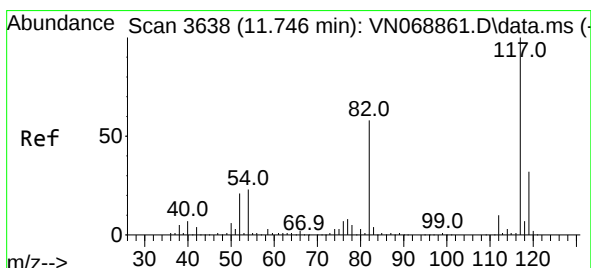
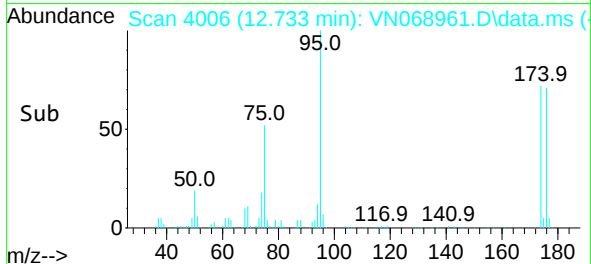
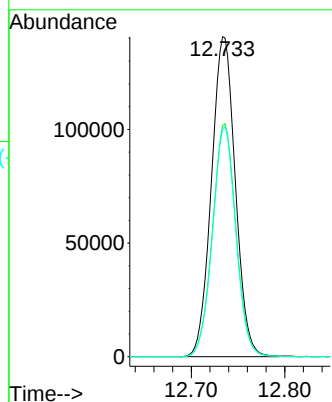
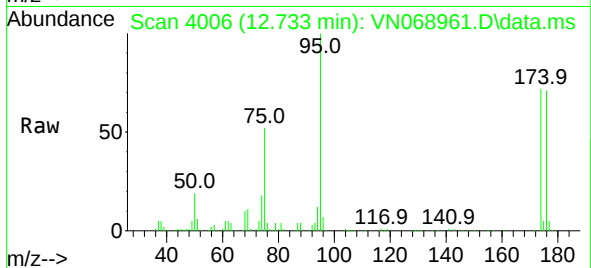




#62
4-Bromofluorobenzene
Concen: 48.586 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

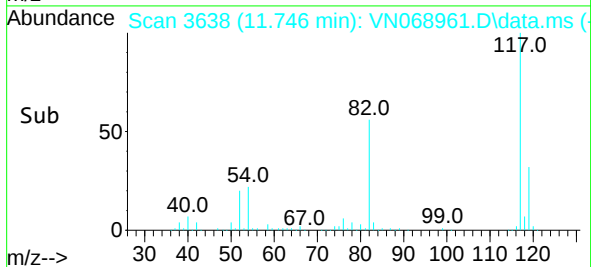
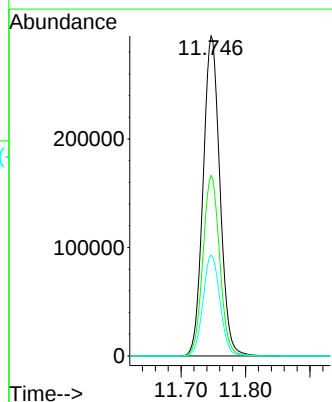
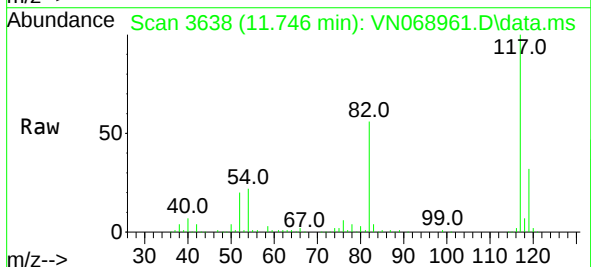
Instrument :
MSVOA_N
ClientSampleId :

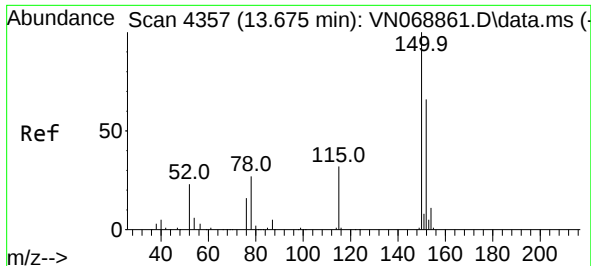
Tgt Ion: 95 Resp: 250259
Ion Ratio Lower Upper
95 100
174 71.9 0.0 144.8
176 70.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion: 117 Resp: 533949
Ion Ratio Lower Upper
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82 56.4 46.4 69.6
119 31.5 26.0 39.0

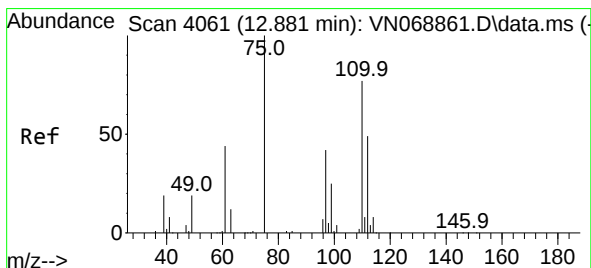
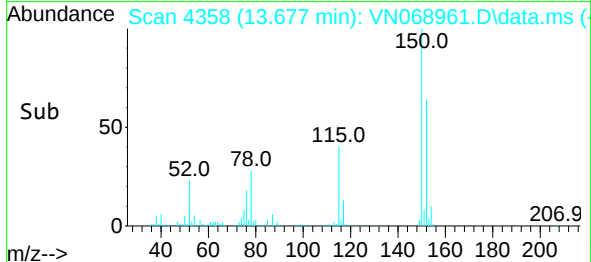
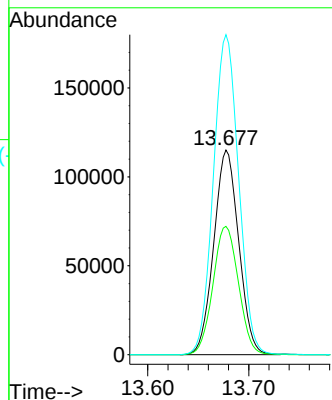
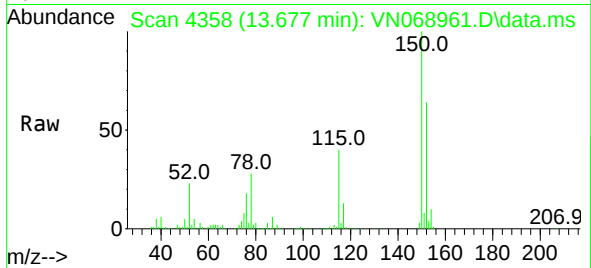




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.677 min Scan# 4358
 Delta R.T. 0.003 min
 Lab File: VN068961.D
 Acq: 15 Oct 2021 20:08

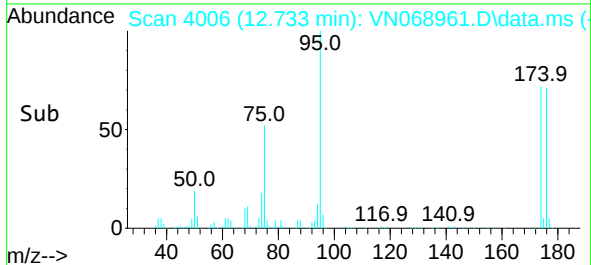
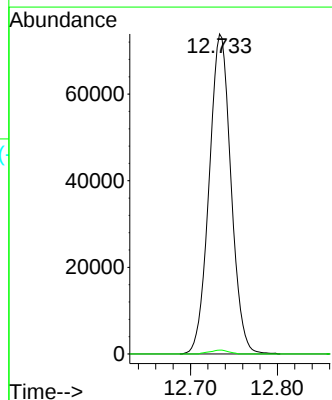
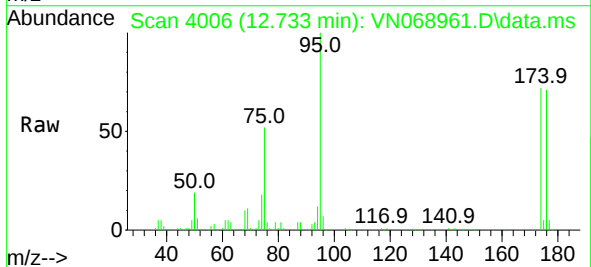
Instrument :
 MSVOA_N
 ClientSampled :

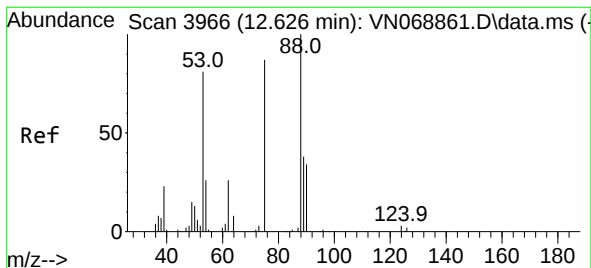
Tgt Ion:152 Resp: 197393
 Ion Ratio Lower Upper
 152 100
 115 64.2 31.4 94.3
 150 158.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 30.691 ug/l
 RT: 12.733 min Scan# 4006
 Delta R.T. -0.148 min
 Lab File: VN068961.D
 Acq: 15 Oct 2021 20:08

Tgt Ion: 75 Resp: 128899
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.2 288.4#

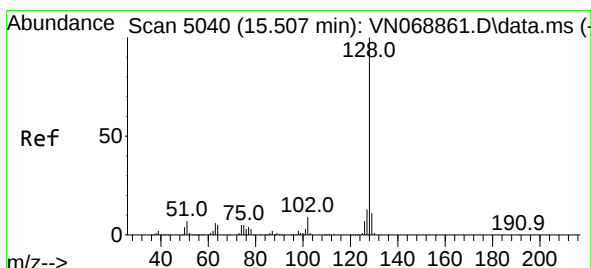
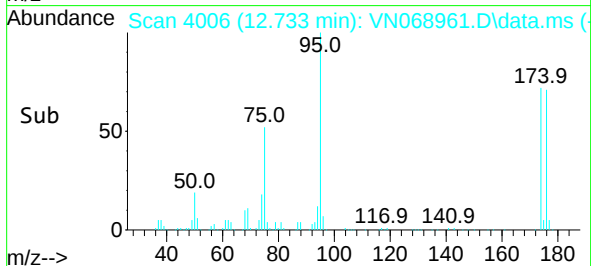
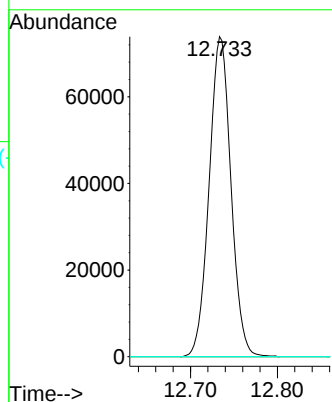
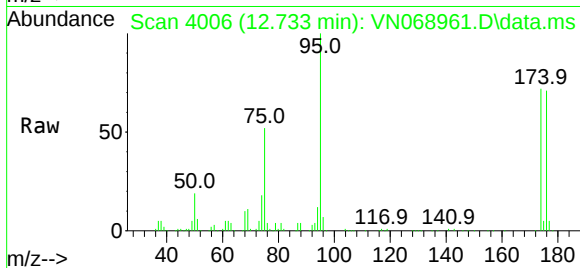




#81
trans-1,4-Dichloro-2-butene
Concen: 73.425 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 128899
Ion Ratio Lower Upper
75 100
53 0.0 75.4 113.2#
89 0.0 36.9 55.3#



#95
Naphthalene
Concen: 3.868 ug/l
RT: 15.517 min Scan# 5044
Delta R.T. 0.010 min
Lab File: VN068961.D
Acq: 15 Oct 2021 20:08

Tgt Ion:128 Resp: 559
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.9 13.3#

