

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069577.D
 Acq On : 19 Nov 2021 2:49
 Operator : JC/MD
 Sample : M4731-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 05:15:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:51:32 2021
 Response via : Initial Calibration

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

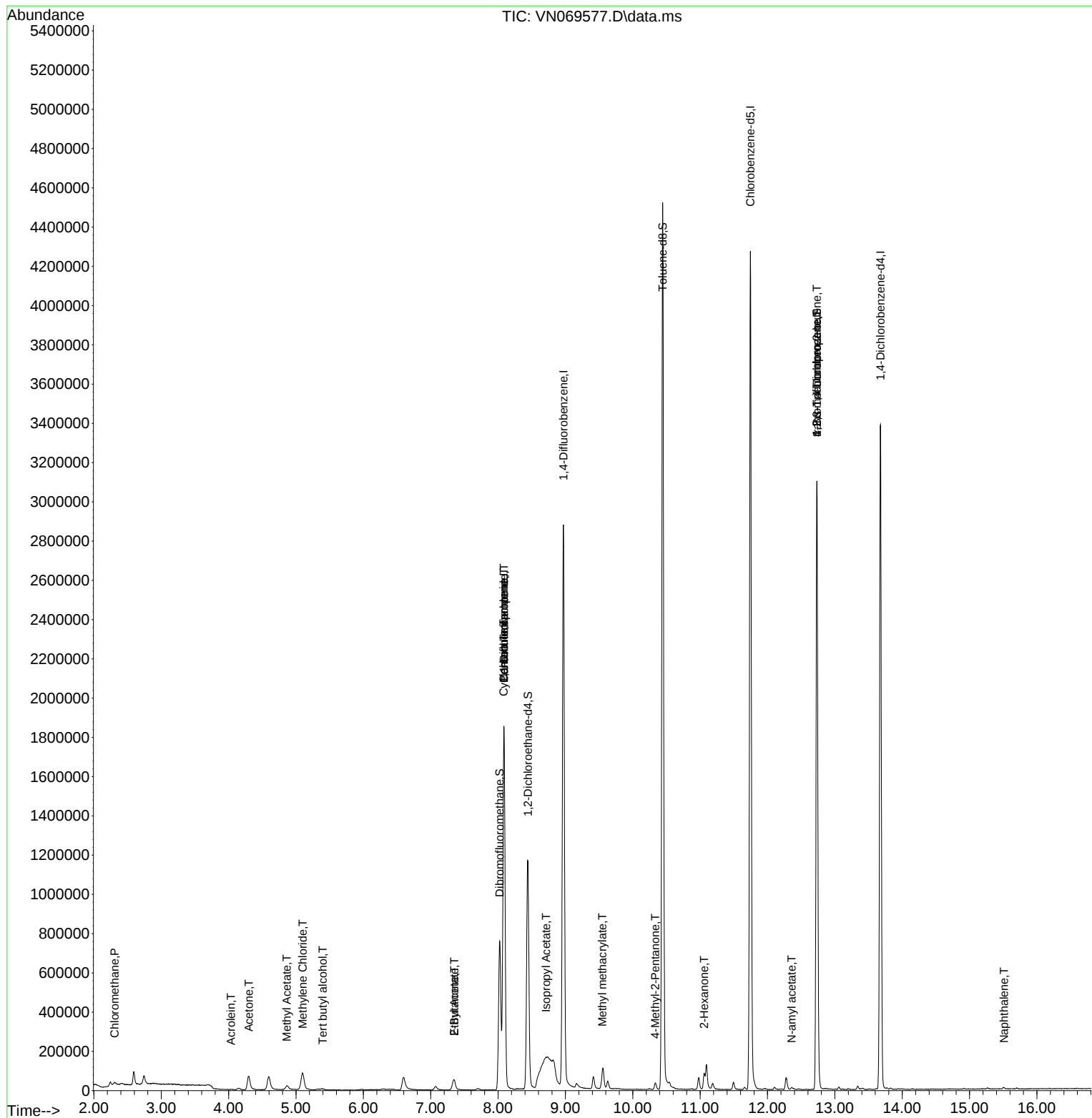
Internal Standards						
1) Pentafluorobenzene	8.088	168	1371705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2432946	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2409017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	888661	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.442	65	1018630	51.216	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.440%	
35) Dibromofluoromethane	8.024	113	553902	37.960	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 75.920%	
50) Toluene-d8	10.443	98	3052584	53.191	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.380%	
62) 4-Bromofluorobenzene	12.734	95	1073685	50.927	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.860%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	3438	0.202	ug/l	97
11) Tert butyl alcohol	5.396	59	9576	2.672	ug/l #	84
13) Acrolein	4.036	56	798	1.417	ug/l #	30
16) Acetone	4.299	43	132804	12.376	ug/l	99
18) Methyl Acetate	4.865	43	45716	1.311	ug/l #	76
20) Methylene Chloride	5.101	84	62749	4.124	ug/l #	85
25) 2-Butanone	7.351	43	82380	5.669	ug/l #	89
31) Cyclohexane	8.083	56	36201	1.332	ug/l #	40
36) 1,1-Dichloropropene	8.088	75	116260	5.679	ug/l #	50
37) Ethyl Acetate	7.351	43	82380	2.977	ug/l #	69
38) Carbon Tetrachloride	8.088	117	143724	7.272	ug/l #	16
43) Isopropyl Acetate	8.713	43	363929	8.187	ug/l #	55
48) Methyl methacrylate	9.547	41	41296	1.975	ug/l #	21
51) 4-Methyl-2-Pentanone	10.336	43	25895	0.903	ug/l	93
59) 2-Hexanone	11.060	43	65426	3.060	ug/l #	25
74) N-amyl acetate	12.358	43	7998	0.267	ug/l #	46
76) 1,2,3-Trichloropropane	12.734	75	608033	29.648	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	608033	99.485	ug/l #	5
95) Naphthalene	15.509	128	6435	0.204	ug/l #	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
Data File : VN069577.D
Acq On : 19 Nov 2021 2:49
Operator : JC/MD
Sample : M4731-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

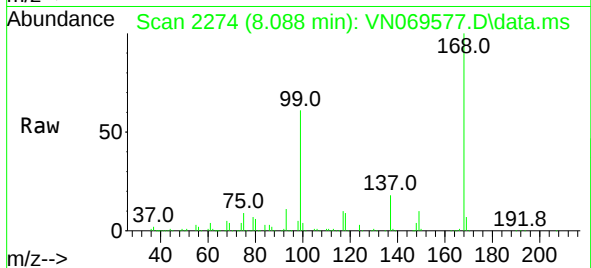
Quant Time: Nov 19 05:15:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 19 04:51:32 2021
Response via : Initial Calibration



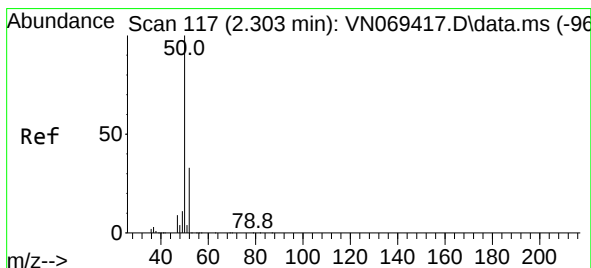
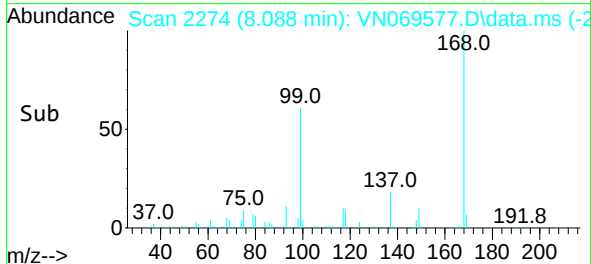
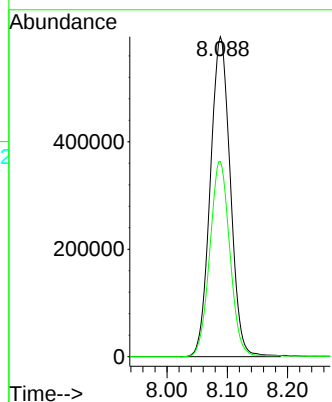


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Instrument :
MSVOA_N
ClientSampleId :

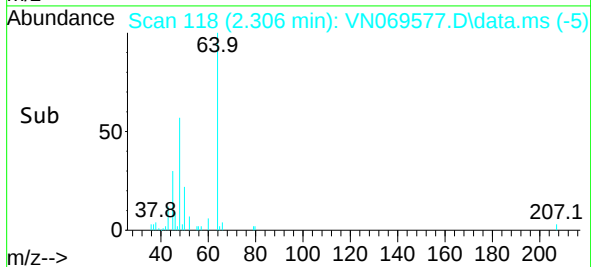
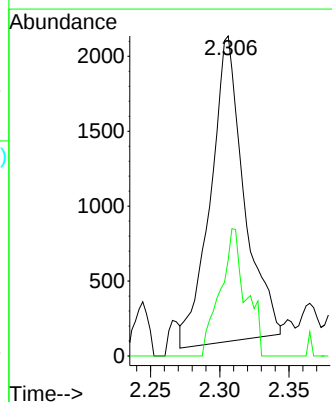
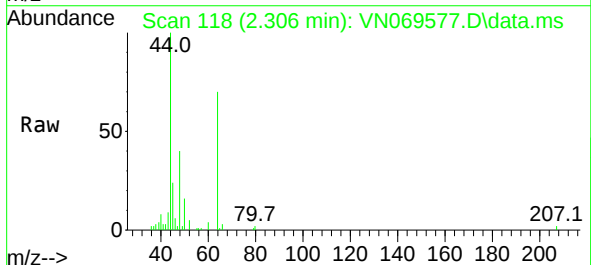


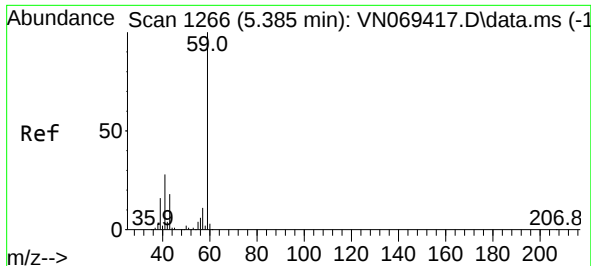
Tgt Ion:168 Resp: 1371705
Ion Ratio Lower Upper
168 100
99 61.0 41.3 61.9



#3
Chloromethane
Concen: 0.202 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Tgt Ion: 50 Resp: 3438
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0





#11

Tert butyl alcohol

Concen: 2.672 ug/l

RT: 5.396 min Scan# 11

Delta R.T. 0.011 min

Lab File: VN069577.D

Acq: 19 Nov 2021 2:49

Instrument :

MSVOA_N

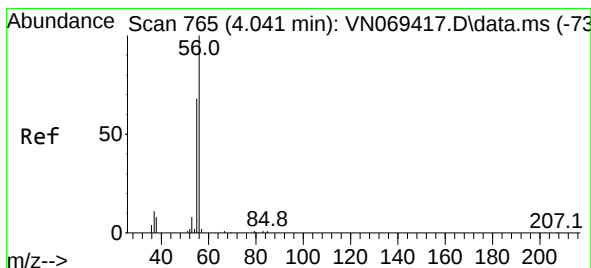
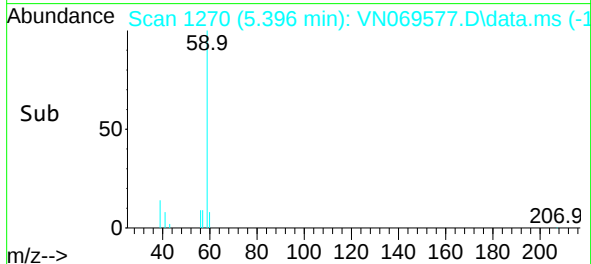
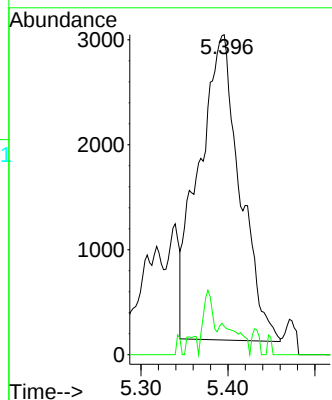
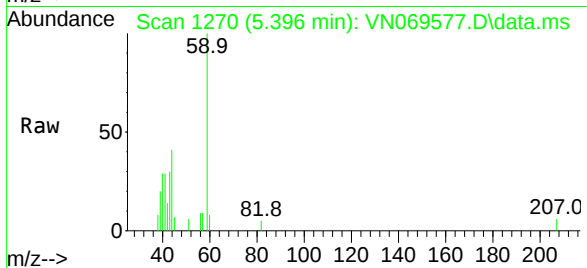
ClientSampleId :

Tgt Ion: 59 Resp: 9576

Ion Ratio Lower Upper

59 100

57 4.9 8.7 13.1#



#13

Acrolein

Concen: 1.417 ug/l

RT: 4.036 min Scan# 763

Delta R.T. -0.005 min

Lab File: VN069577.D

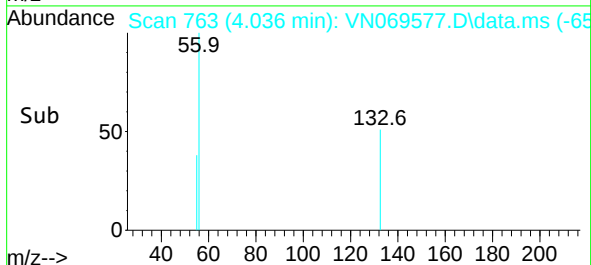
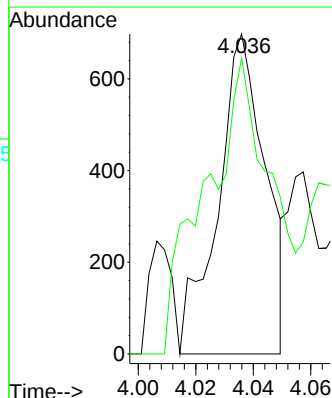
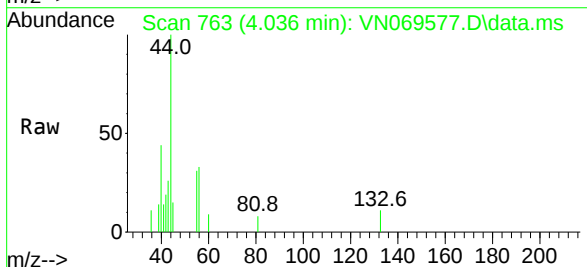
Acq: 19 Nov 2021 2:49

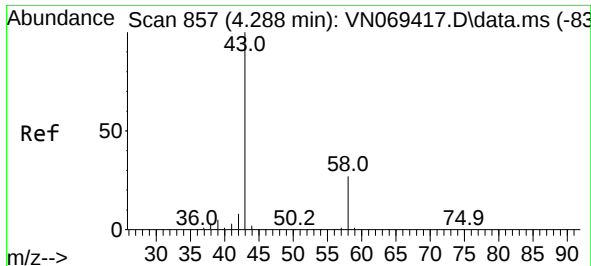
Tgt Ion: 56 Resp: 798

Ion Ratio Lower Upper

56 100

55 128.2 56.6 85.0#

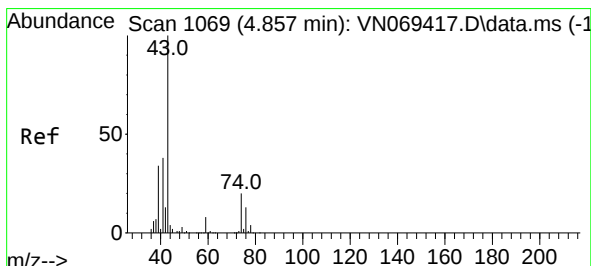
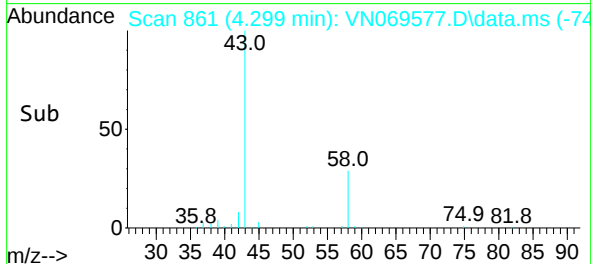
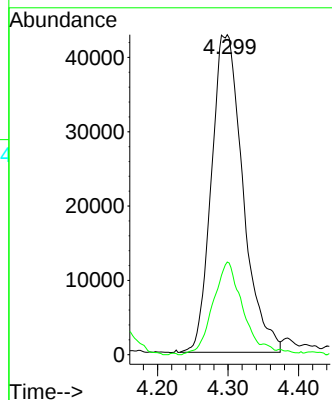
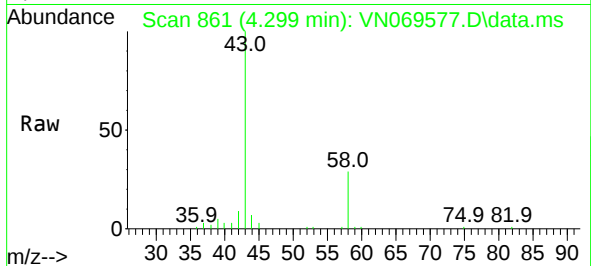




#16
Acetone
Concen: 12.376 ug/l
RT: 4.299 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

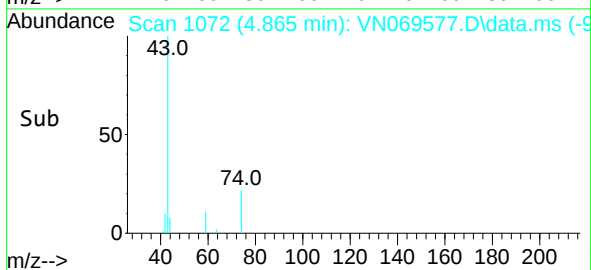
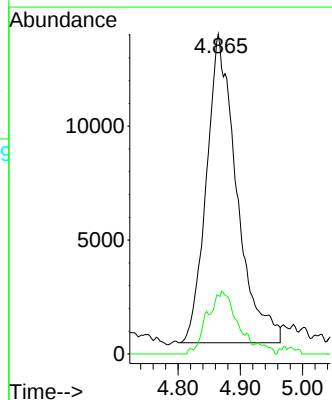
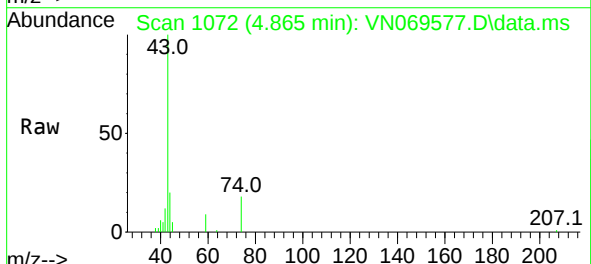
Instrument :
MSVOA_N
ClientSampleId :

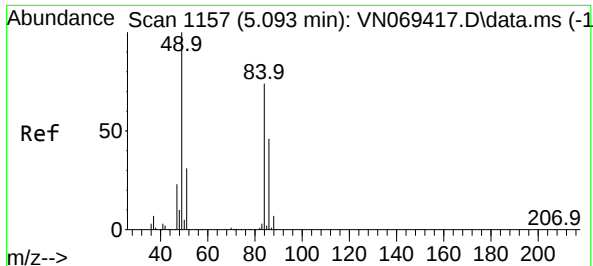
Tgt Ion: 43 Resp: 132804
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7



#18
Methyl Acetate
Concen: 1.311 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

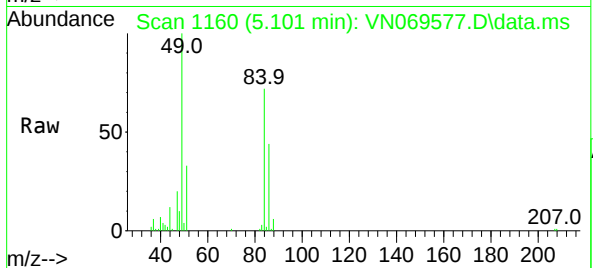
Tgt Ion: 43 Resp: 45716
Ion Ratio Lower Upper
43 100
74 12.4 19.4 29.2#



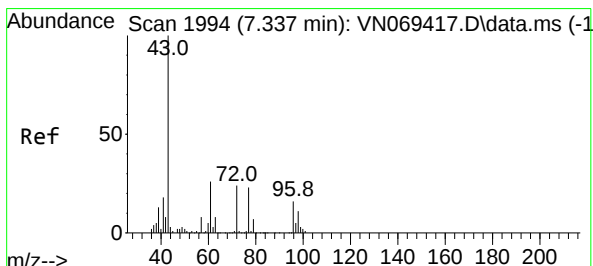
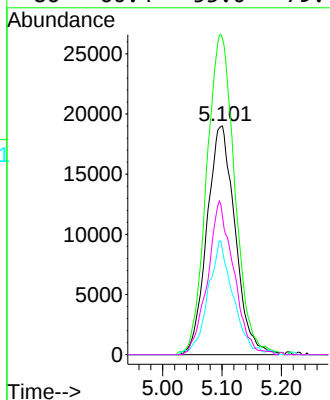
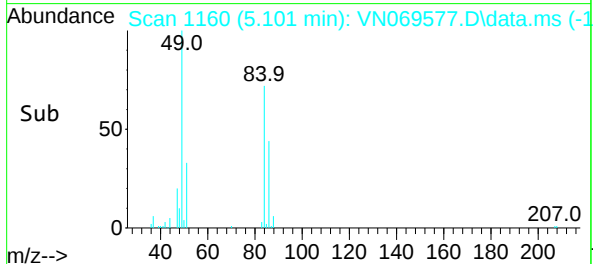


#20
Methylene Chloride
Concen: 4.124 ug/l
RT: 5.101 min Scan# 1157
Delta R.T. 0.008 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

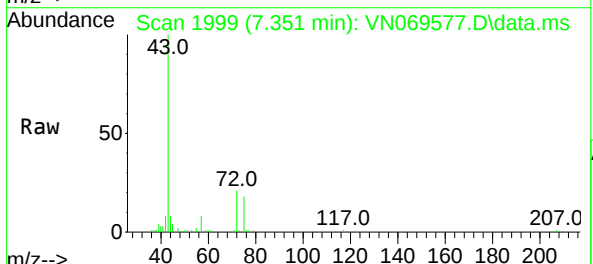
Instrument :
MSVOA_N
ClientSampleId :



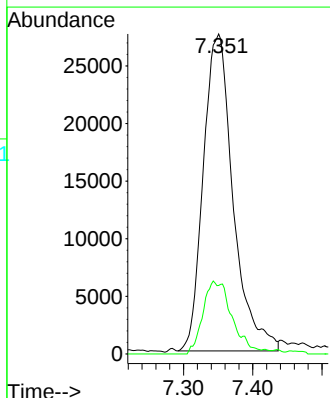
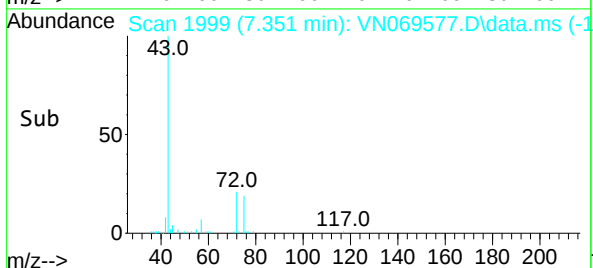
Tgt Ion: 84 Resp: 62749
Ion Ratio Lower Upper
84 100
49 137.3 93.5 140.3
51 45.8 29.4 44.2#
86 60.4 53.0 79.4

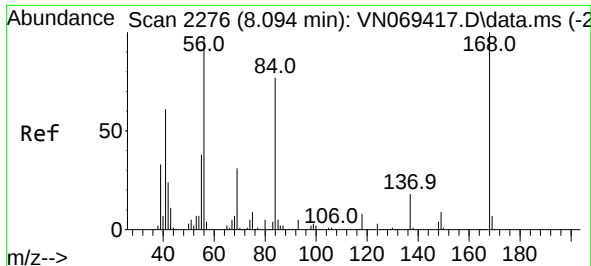


#25
2-Butanone
Concen: 5.669 ug/l
RT: 7.351 min Scan# 1999
Delta R.T. 0.014 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49



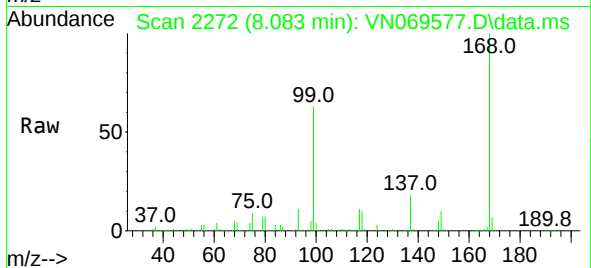
Tgt Ion: 43 Resp: 82380
Ion Ratio Lower Upper
43 100
72 21.6 21.7 32.5#



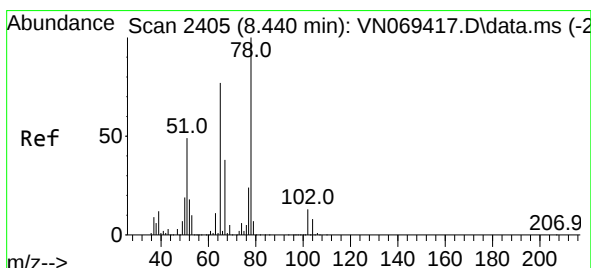
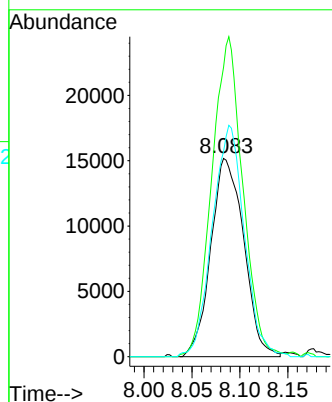
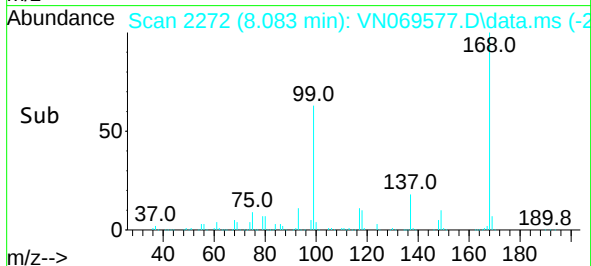


#31
Cyclohexane
Concen: 1.332 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

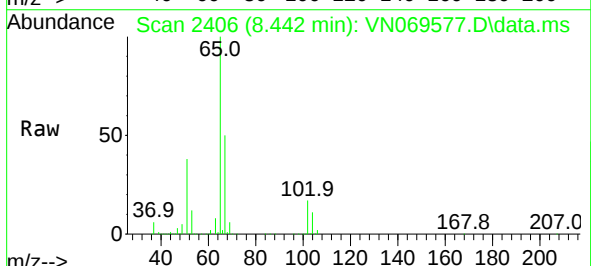
Instrument :
MSVOA_N
ClientSampleId :



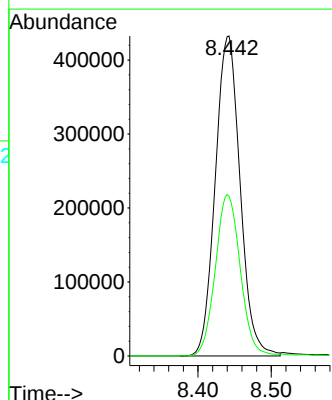
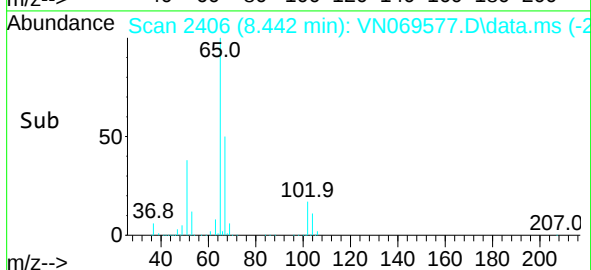
Tgt Ion: 56 Resp: 36201
Ion Ratio Lower Upper
56 100
69 144.9 27.1 40.7#
84 102.1 73.4 110.0

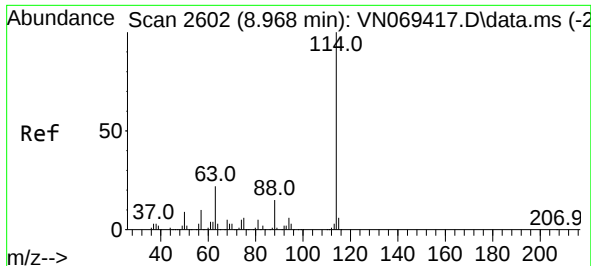


#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49



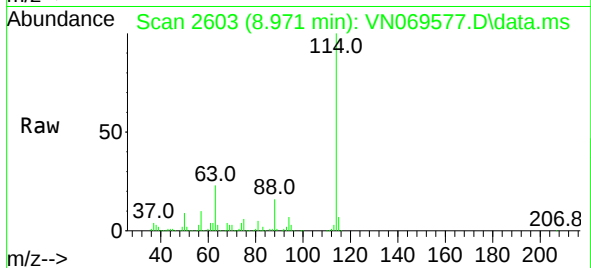
Tgt Ion: 65 Resp: 1018630
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0



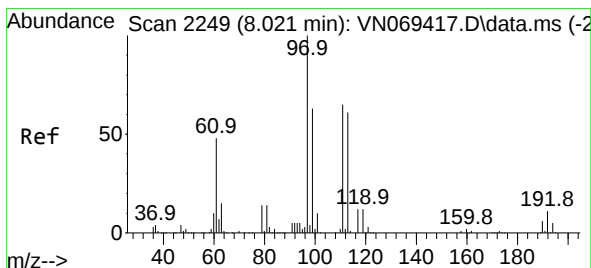
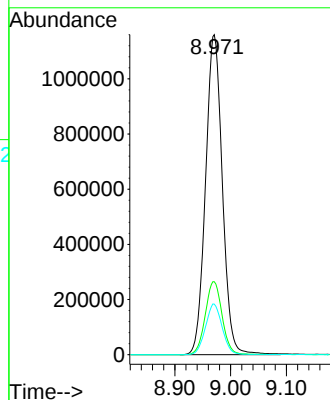
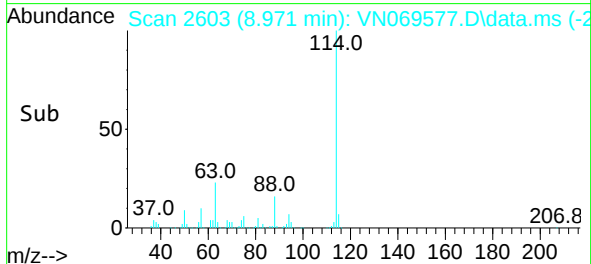


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2
Delta R.T. 0.003 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Instrument :
MSVOA_N
ClientSampleId :

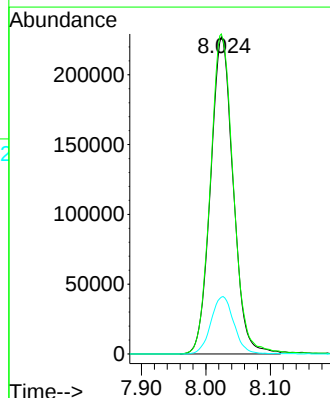
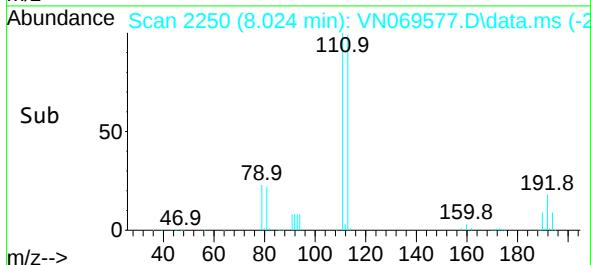
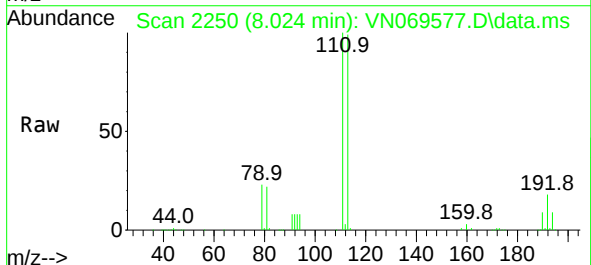


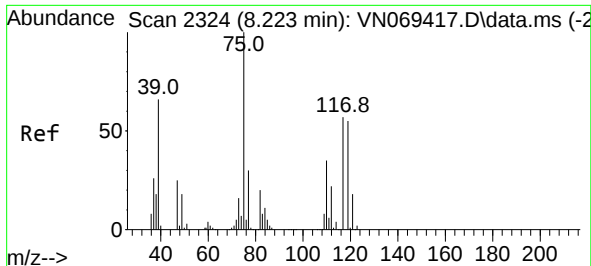
Tgt Ion:114 Resp: 2432946
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 15.8 0.0 27.4



#35
Dibromofluoromethane
Concen: 37.960 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

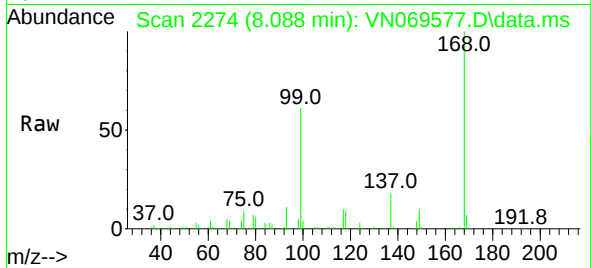
Tgt Ion:113 Resp: 553902
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.4 16.9 25.3



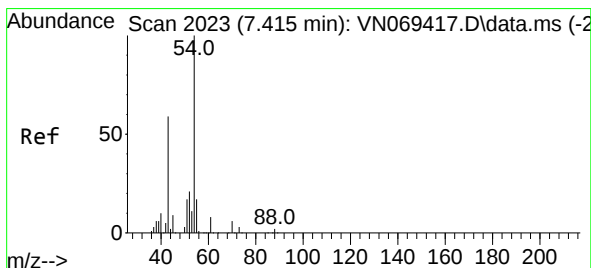
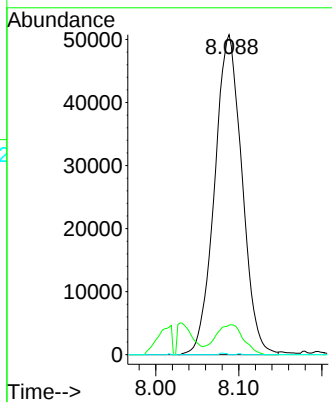
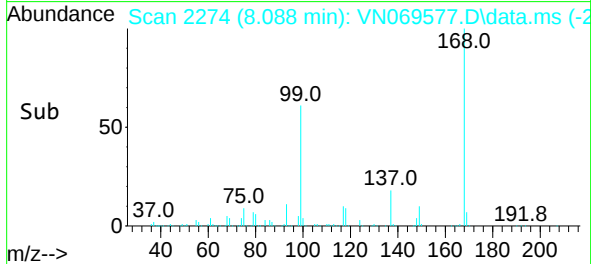


#36
 1,1-Dichloropropene
 Concen: 5.679 ug/l
 RT: 8.088 min Scan# 21
 Delta R.T. -0.135 min
 Lab File: VN069577.D
 Acq: 19 Nov 2021 2:49

Instrument :
 MSVOA_N
 ClientSampleId :

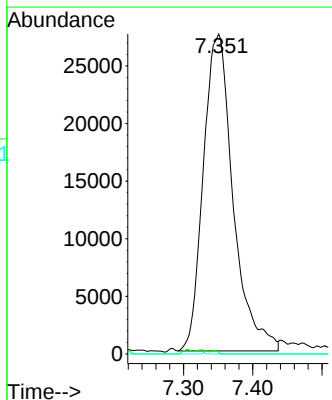
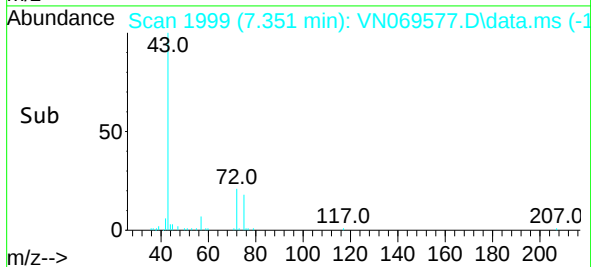
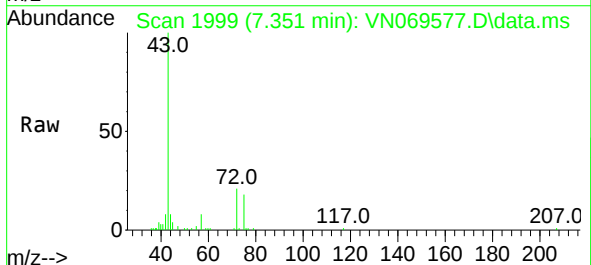


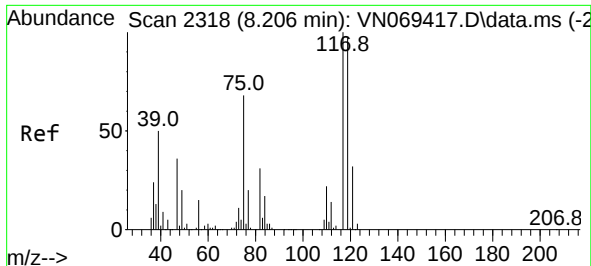
Tgt Ion: 75 Resp: 116260
 Ion Ratio Lower Upper
 75 100
 110 9.5 18.4 55.2#
 77 0.1 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 2.977 ug/l
 RT: 7.351 min Scan# 1999
 Delta R.T. -0.064 min
 Lab File: VN069577.D
 Acq: 19 Nov 2021 2:49

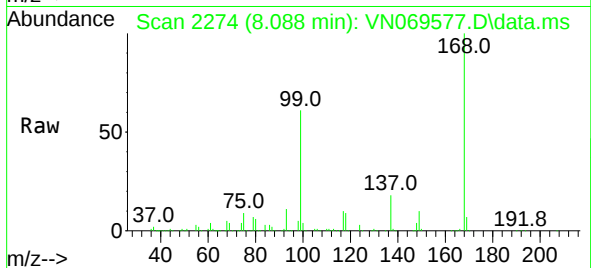
Tgt Ion: 43 Resp: 82380
 Ion Ratio Lower Upper
 43 100
 61 0.2 11.5 17.3#
 70 0.0 7.9 11.9#



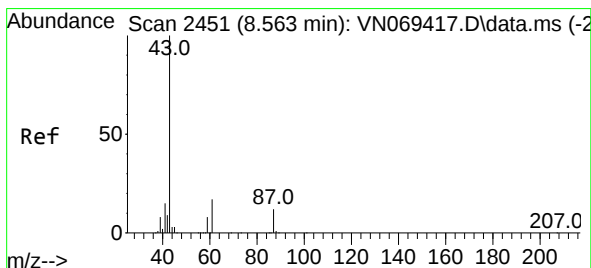
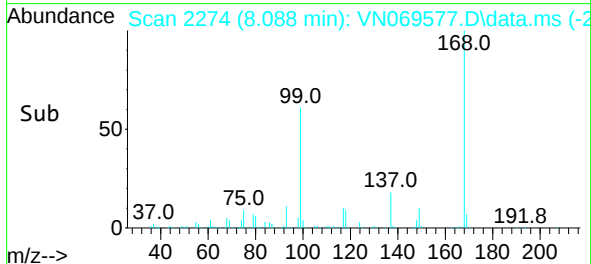
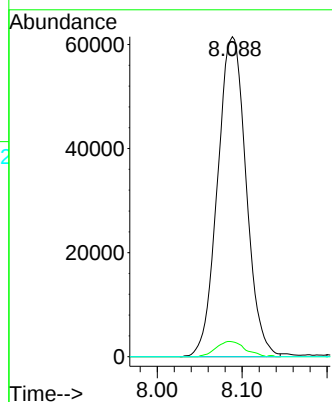


#38
Carbon Tetrachloride
Concen: 7.272 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Instrument :
MSVOA_N
ClientSampleId :

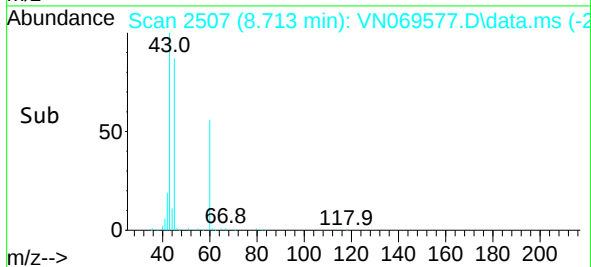
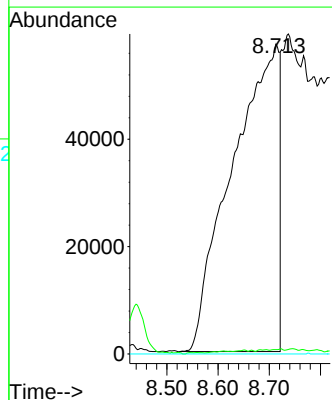
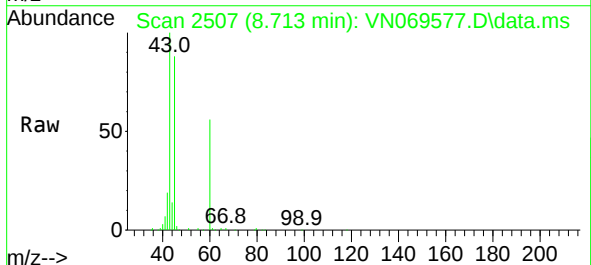


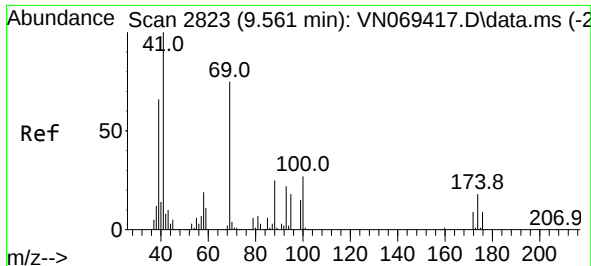
Tgt Ion:117 Resp: 143724
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 8.187 ug/l
RT: 8.713 min Scan# 2507
Delta R.T. 0.150 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Tgt Ion: 43 Resp: 363929
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

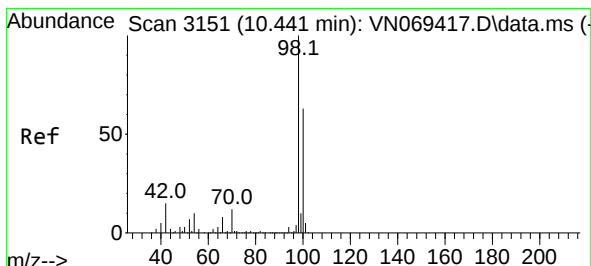
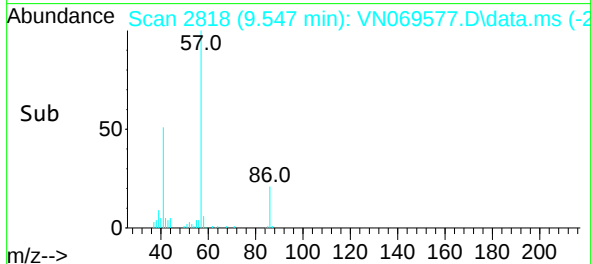
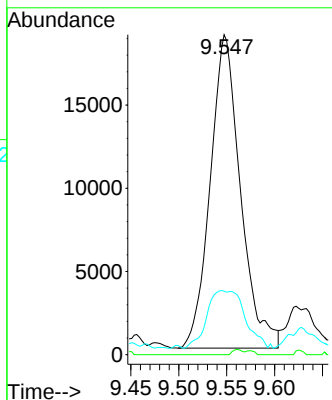
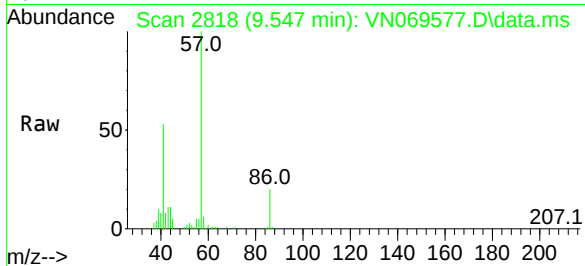




#48
Methyl methacrylate
Concen: 1.975 ug/l
RT: 9.547 min Scan# 21
Delta R.T. -0.014 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

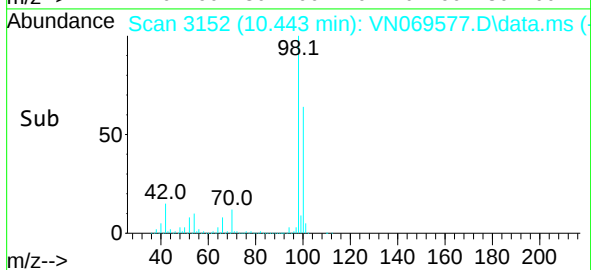
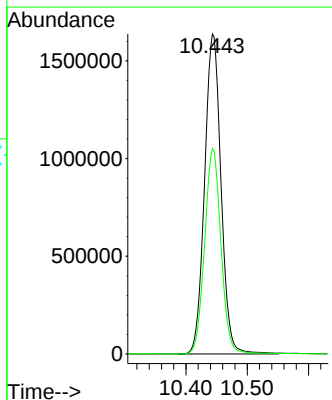
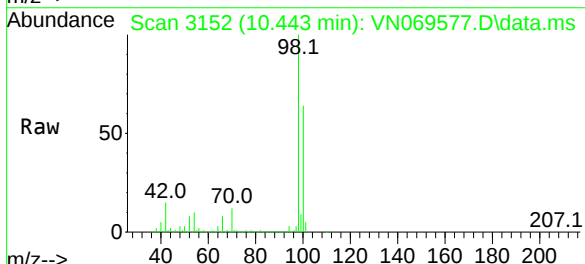
Instrument :
MSVOA_N
ClientSampleId :

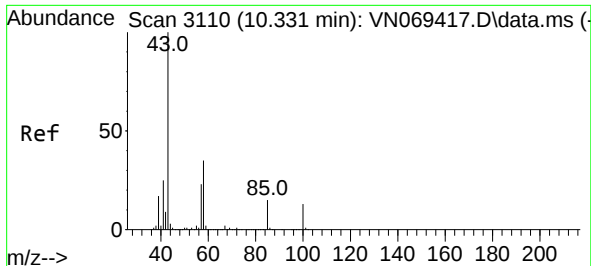
Tgt Ion: 41 Resp: 41296
Ion Ratio Lower Upper
41 100
69 0.6 72.4 108.6#
39 23.6 58.4 87.6#



#50
Toluene-d8
Concen: 53.191 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.002 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Tgt Ion: 98 Resp: 3052584
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6

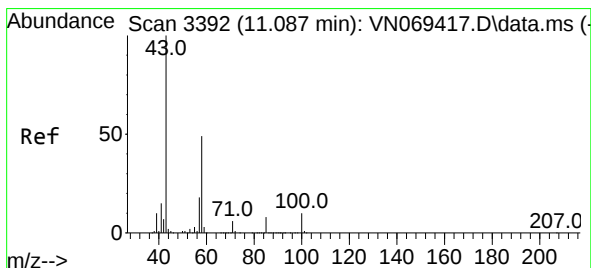
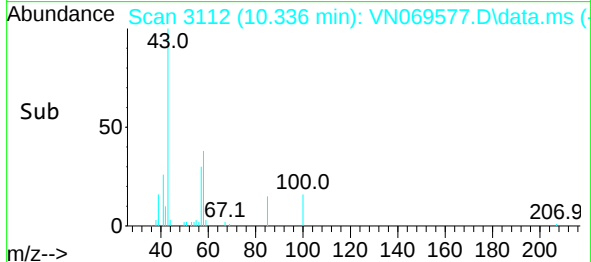
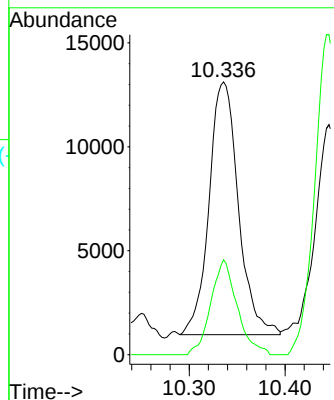
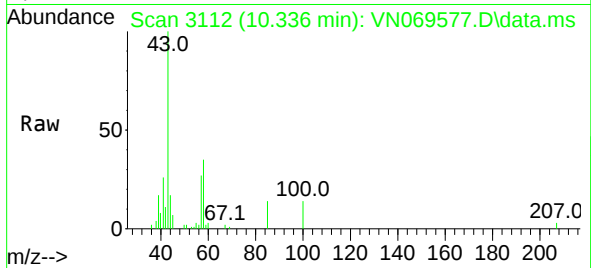




#51
4-Methyl-2-Pentanone
Concen: 0.903 ug/l
RT: 10.336 min Scan# 3110
Delta R.T. 0.005 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

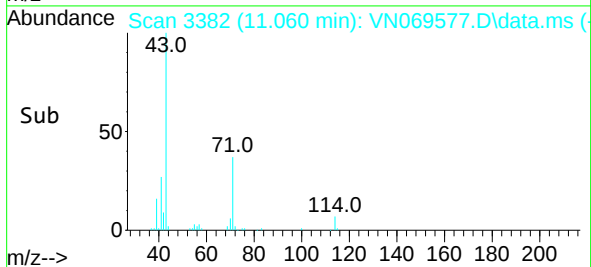
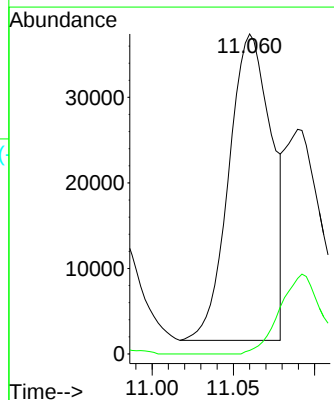
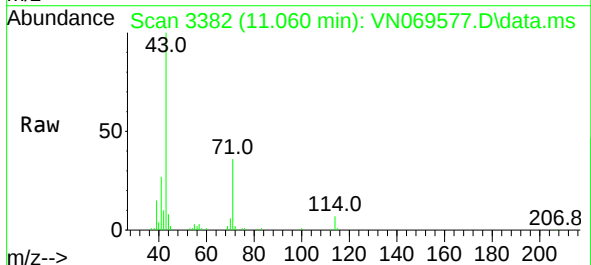
Instrument :
MSVOA_N
ClientSampleId :

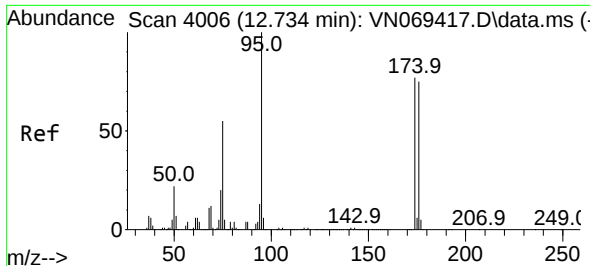
Tgt Ion: 43 Resp: 25895
Ion Ratio Lower Upper
43 100
58 33.7 30.4 45.6



#59
2-Hexanone
Concen: 3.060 ug/l
RT: 11.060 min Scan# 3382
Delta R.T. -0.027 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Tgt Ion: 43 Resp: 65426
Ion Ratio Lower Upper
43 100
58 0.0 26.9 80.7#

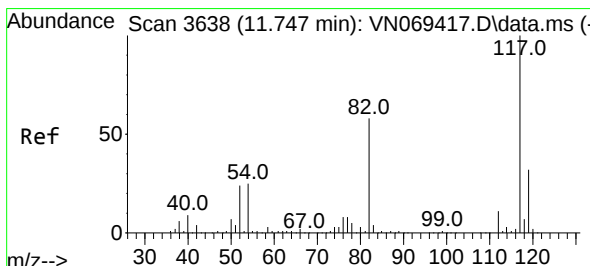
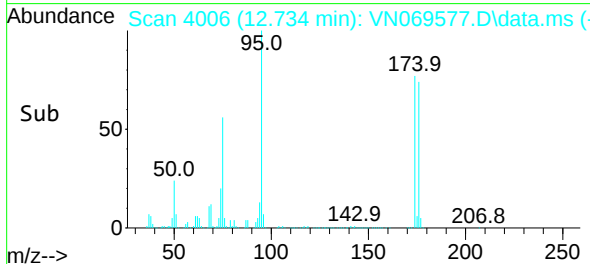
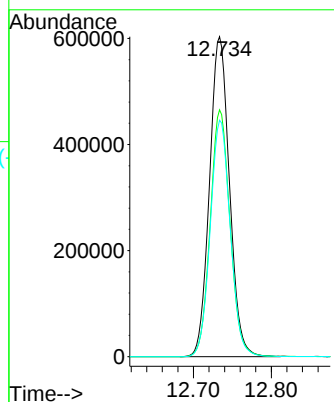
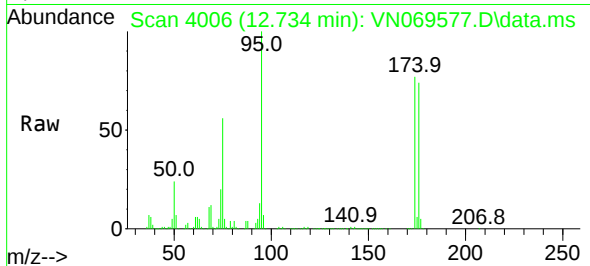




#62
4-Bromofluorobenzene
Concen: 50.927 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

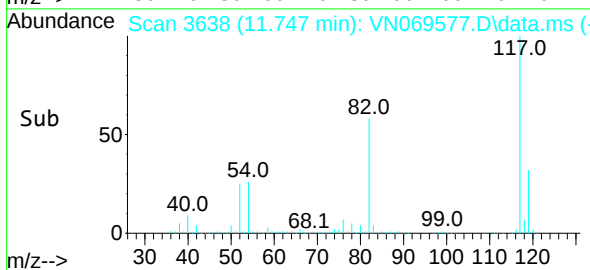
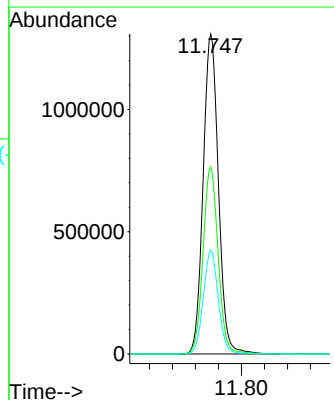
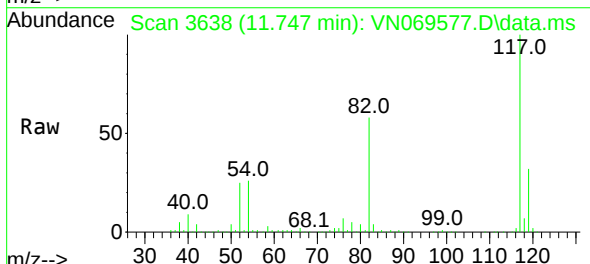
Instrument :
MSVOA_N
ClientSampleId :

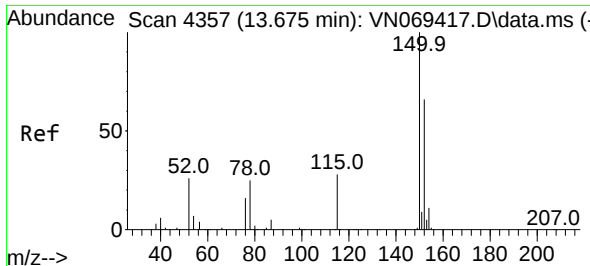
Tgt Ion: 95 Resp: 1073685
Ion Ratio Lower Upper
95 100
174 76.6 0.0 187.2
176 74.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Tgt Ion: 117 Resp: 2409017
Ion Ratio Lower Upper
117 100
82 58.5 42.4 63.6
119 32.4 25.4 38.2

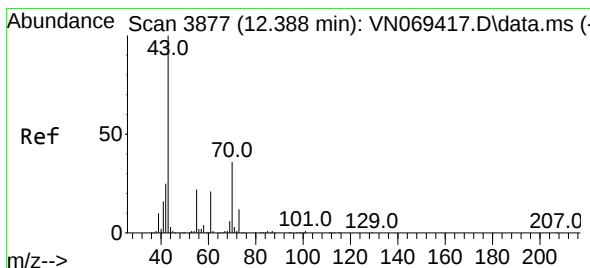
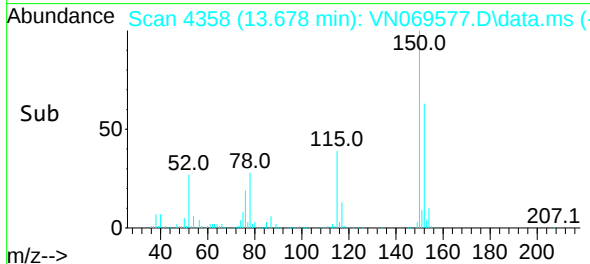
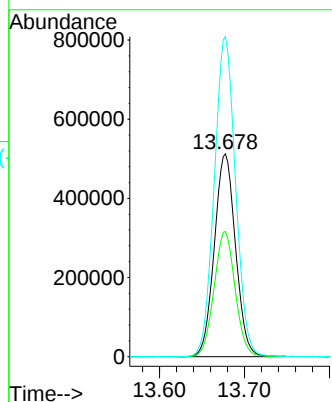
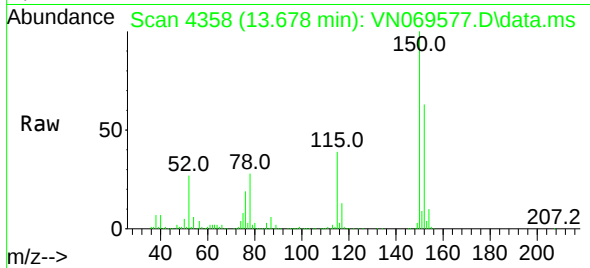




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

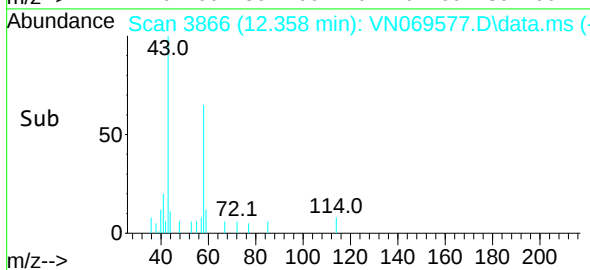
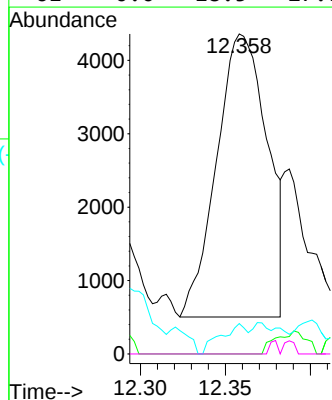
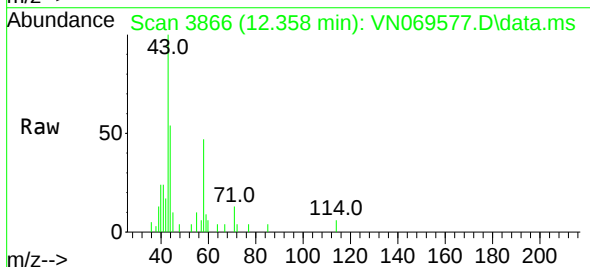
Instrument :
MSVOA_N
ClientSampleId :

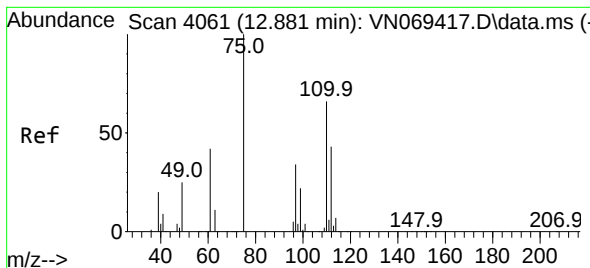
Tgt Ion:152 Resp: 888661
Ion Ratio Lower Upper
152 100
115 61.4 27.5 82.5
150 158.4 0.0 344.4



#74
N-ethyl acetate
Concen: 0.267 ug/l
RT: 12.358 min Scan# 3866
Delta R.T. -0.030 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Tgt Ion: 43 Resp: 7998
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 5.6 19.3 28.9#
61 0.0 18.5 27.7#

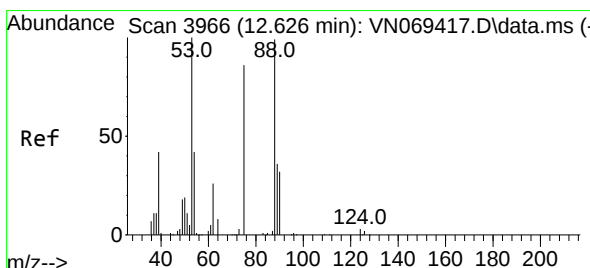
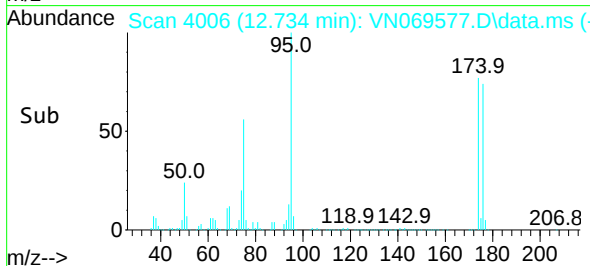
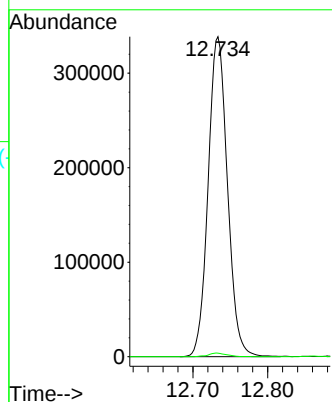
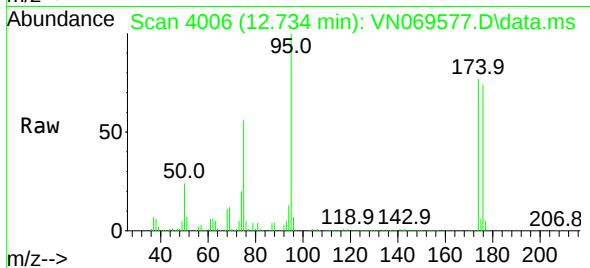




#76
1,2,3-Trichloropropane
Concen: 29.648 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

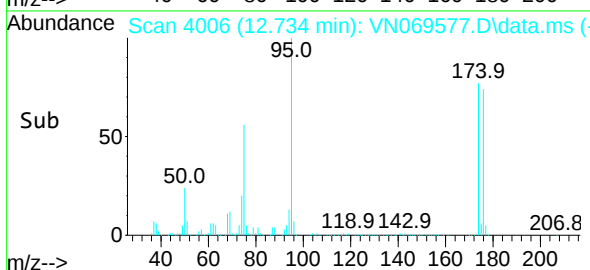
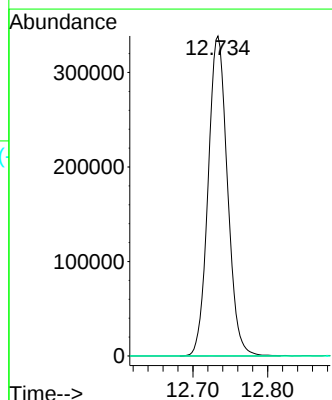
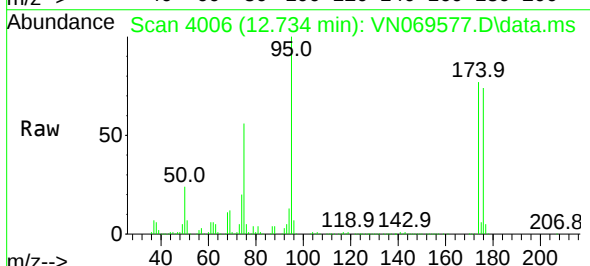
Instrument :
MSVOA_N
ClientSampleId :

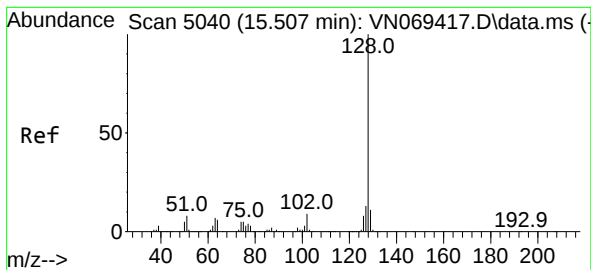
Tgt Ion: 75 Resp: 608033
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.485 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

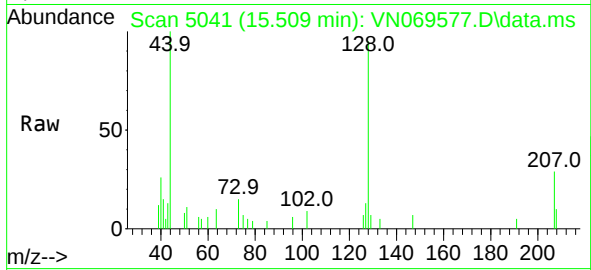
Tgt Ion: 75 Resp: 608033
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#95
Naphthalene
Concen: 0.204 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN069577.D
Acq: 19 Nov 2021 2:49

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 6435
Ion Ratio Lower Upper
128 100
127 10.7 10.5 15.7
129 7.3 8.7 13.1#

