

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
 Data File : VN069688.D
 Acq On : 1 Dec 2021 13:25
 Operator : JC/MD
 Sample : VN1201WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 02 07:25:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

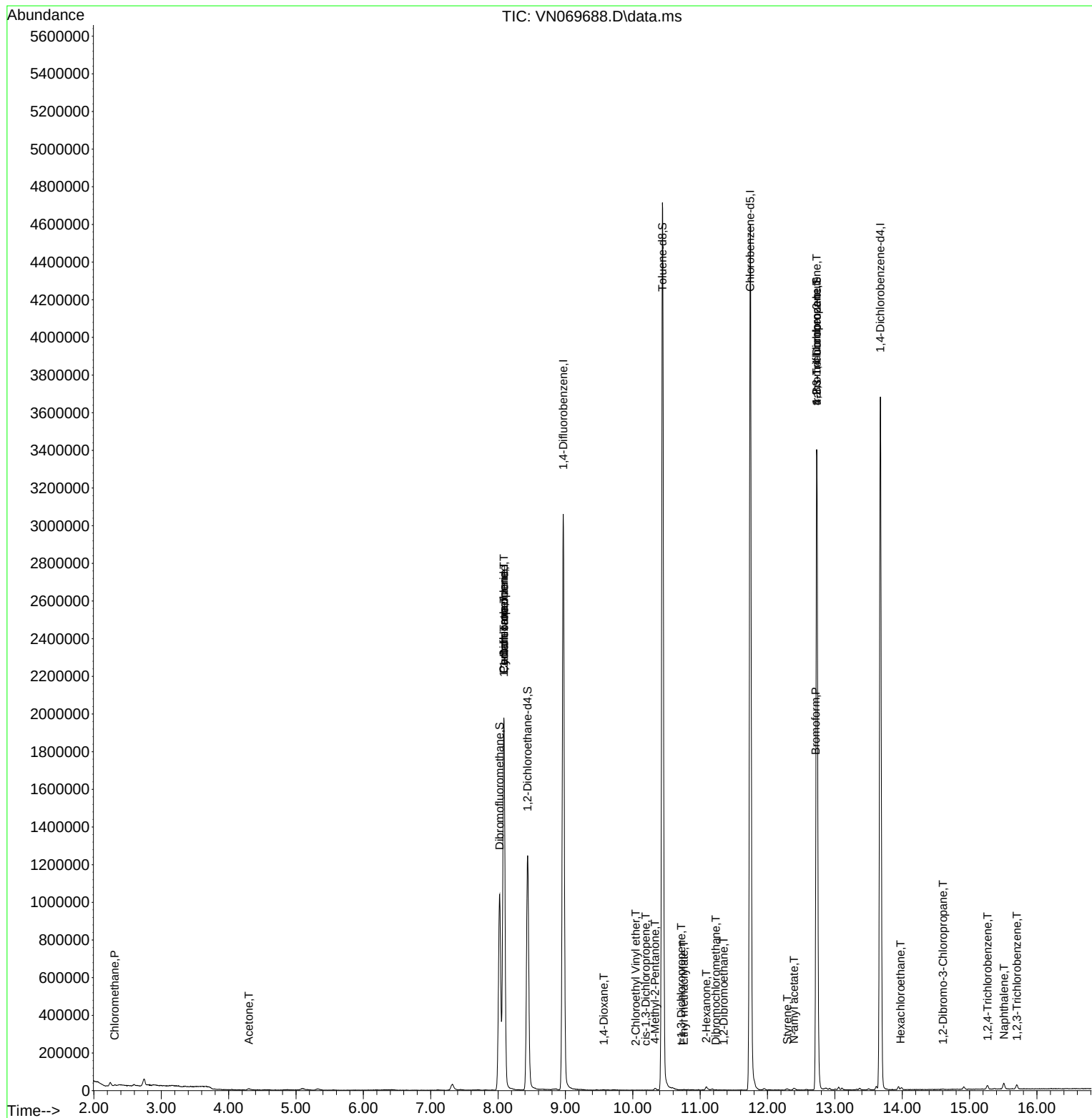
Internal Standards						
1) Pentafluorobenzene	8.086	168	1485710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2570090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2612033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	987288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1091071	50.649	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.300%	
35) Dibromofluoromethane	8.024	113	760996	49.369	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 98.740%	
50) Toluene-d8	10.441	98	3278606	54.081	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.160%	
62) 4-Bromofluorobenzene	12.731	95	1200448	53.902	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.309	50	3745	0.203	ug/l #	83
13) Acrolein	4.044	56	1240	Below Cal	#	55
16) Acetone	4.299	43	7878	0.678	ug/l	96
31) Cyclohexane	8.086	56	37824	1.285	ug/l #	26
36) 1,1-Dichloropropene	8.088	75	127751	5.907	ug/l #	49
38) Carbon Tetrachloride	8.086	117	155588	7.452	ug/l #	16
49) 1,4-Dioxane	9.569	88	225	39.553	ug/l #	37
51) 4-Methyl-2-Pentanone	10.331	43	7445	0.246	ug/l #	82
53) t-1,3-Dichloropropene	10.719	75	722	2.662	ug/l #	5
54) cis-1,3-Dichloropropene	10.191	75	329	1.744	ug/l #	25
56) Ethyl methacrylate	10.757	69	991	2.083	ug/l #	65
58) 2-Chloroethyl Vinyl ether	10.044	63	52	22.776	ug/l #	45
59) 2-Hexanone	11.090	43	15137	8.514	ug/l #	52
60) Dibromochloromethane	11.234	129	55	2.420	ug/l #	11
61) 1,2-Dibromoethane	11.347	107	177	1.080	ug/l #	54
70) Styrene	12.294	104	2264	1.557	ug/l #	75
71) Bromoform	12.717	173	1185	3.503	ug/l #	1
74) N-amyl acetate	12.393	43	8536	0.256	ug/l #	78
76) 1,2,3-Trichloropropane	12.731	75	678643	29.786	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	678643	84.187	ug/l #	5
90) Hexachloroethane	13.975	117	59	2.167	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.606	75	223	1.840	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.268	180	6475	3.504	ug/l	97
95) Naphthalene	15.512	128	27683	5.027	ug/l	96
96) 1,2,3-Trichlorobenzene	15.703	180	8242	3.689	ug/l	90

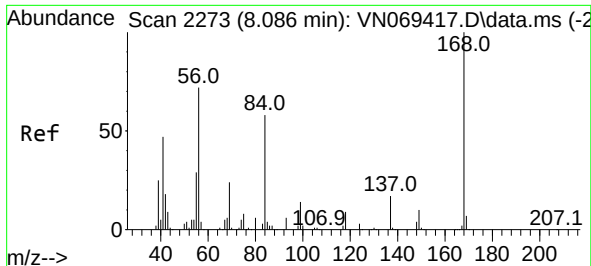
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120121\
Data File : VN069688.D
Acq On : 1 Dec 2021 13:25
Operator : JC/MD
Sample : VN1201WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

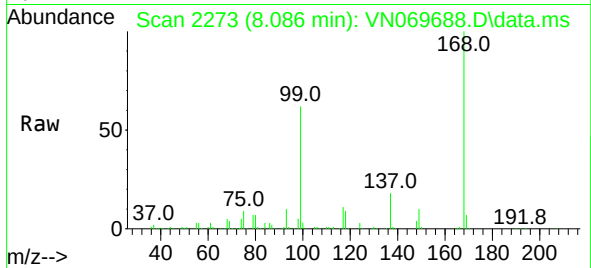
Quant Time: Dec 02 07:25:06 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration



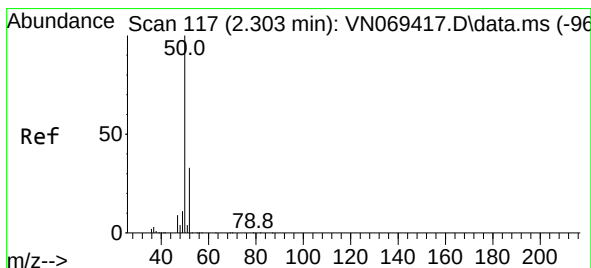
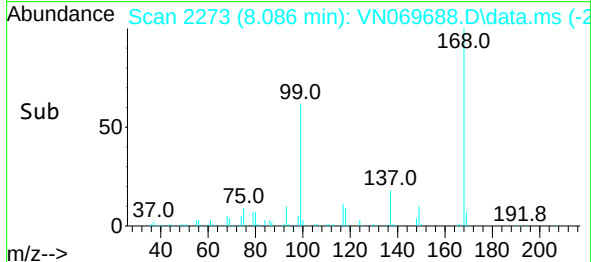
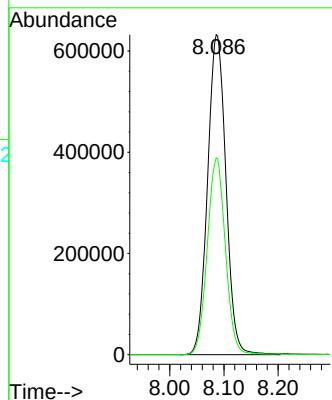


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :

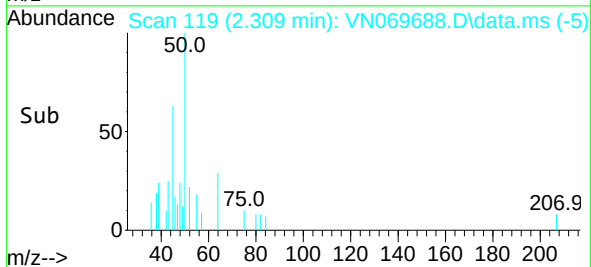
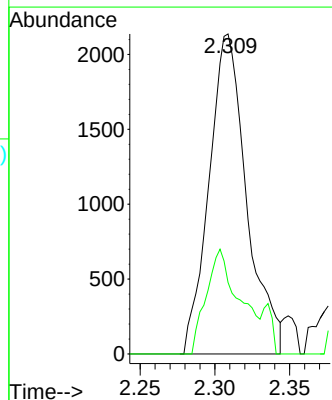
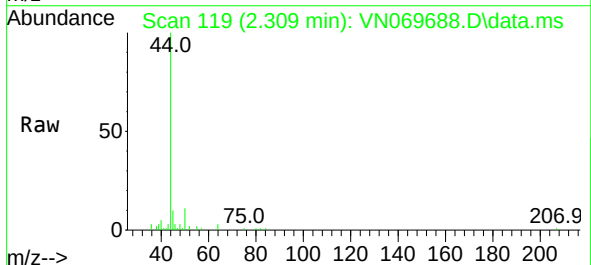


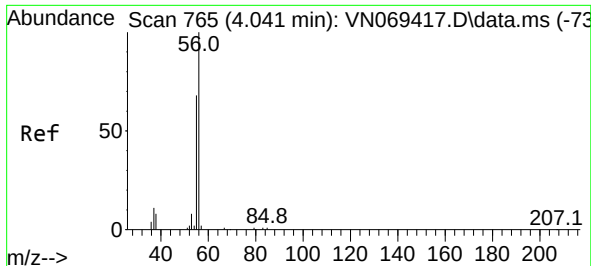
Tgt Ion:168 Resp: 1485710
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9



#3
Chloromethane
Concen: 0.203 ug/l
RT: 2.309 min Scan# 119
Delta R.T. 0.006 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

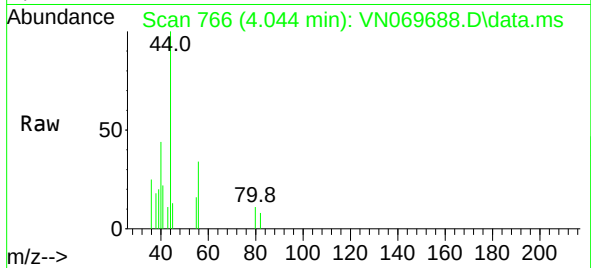
Tgt Ion: 50 Resp: 3745
Ion Ratio Lower Upper
50 100
52 22.4 25.4 38.0#



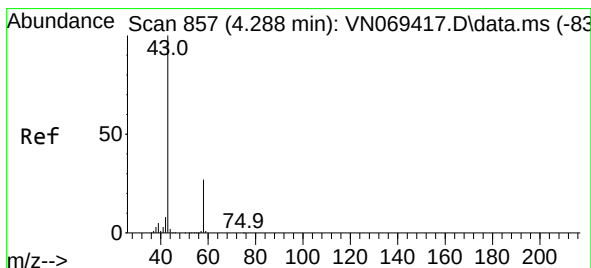
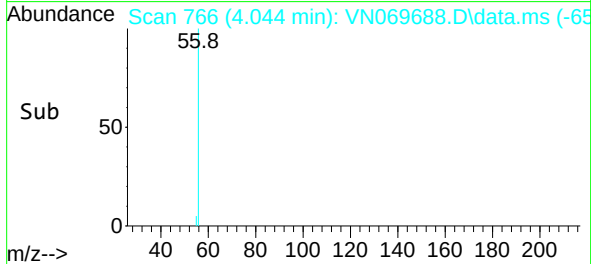
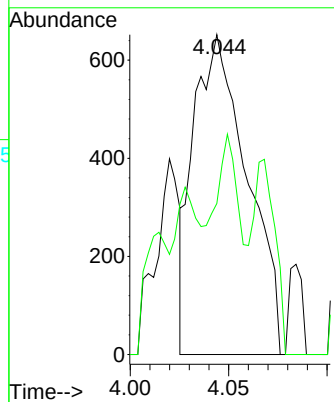


#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :

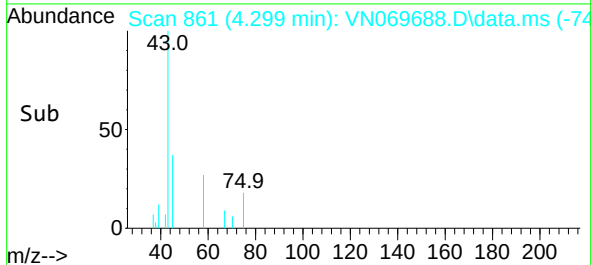
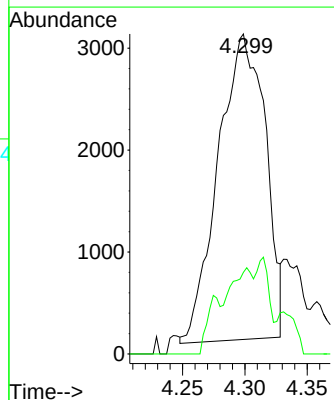
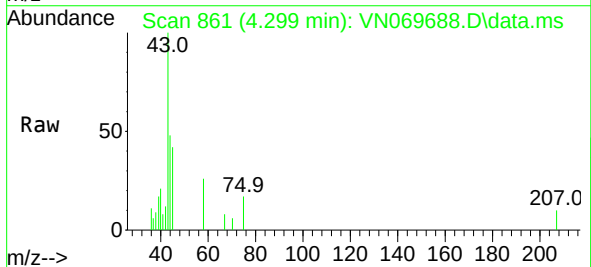


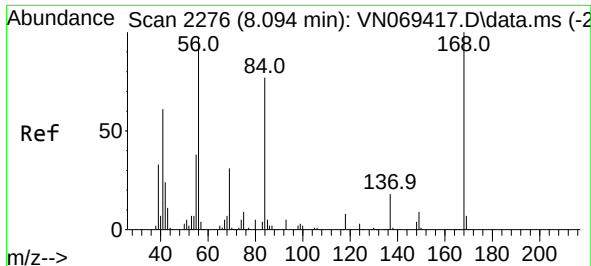
Tgt Ion: 56 Resp: 1240
Ion Ratio Lower Upper
56 100
55 33.5 56.6 85.0#



#16
Acetone
Concen: 0.678 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.011 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

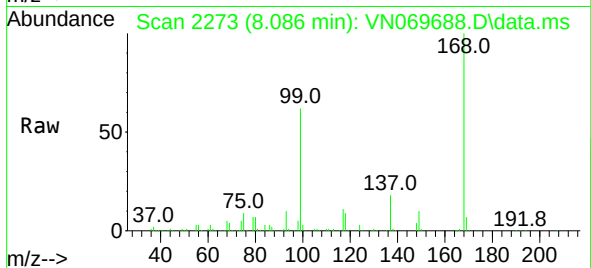
Tgt Ion: 43 Resp: 7878
Ion Ratio Lower Upper
43 100
58 26.9 23.1 34.7



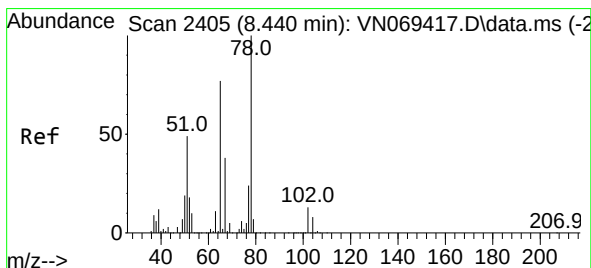
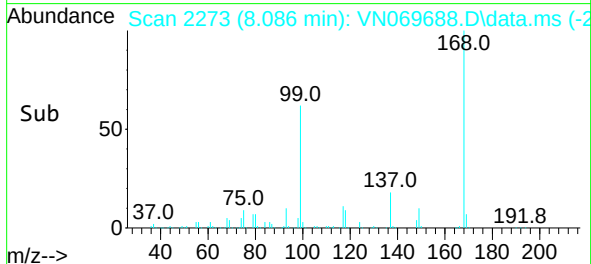
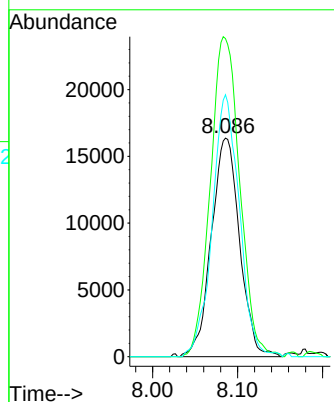


#31
Cyclohexane
Concen: 1.285 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :

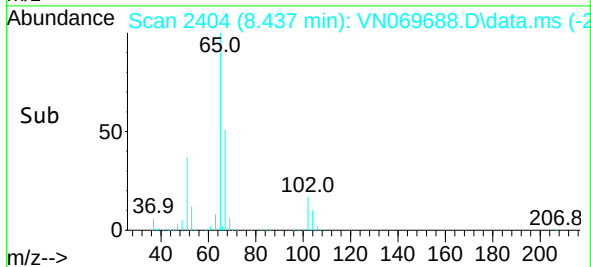
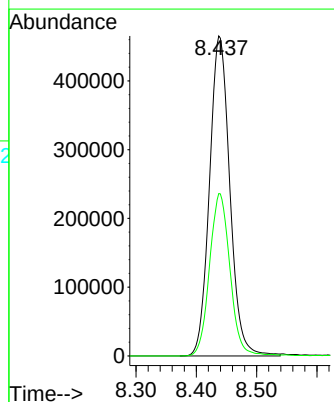
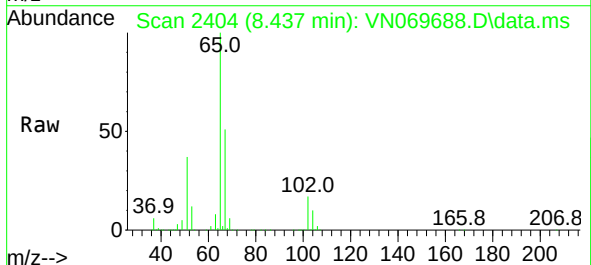


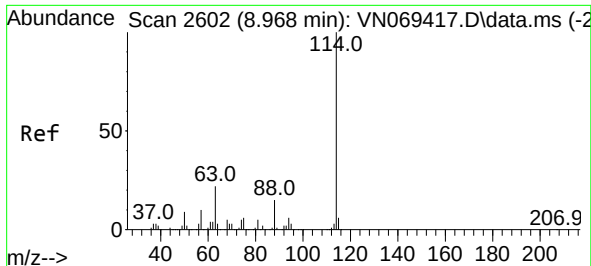
Tgt Ion: 56 Resp: 37824
Ion Ratio Lower Upper
56 100
69 145.5 27.1 40.7#
84 119.8 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.649 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

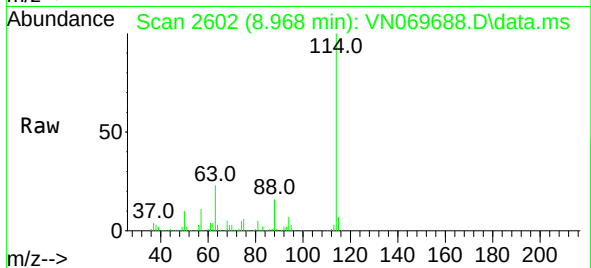
Tgt Ion: 65 Resp: 1091071
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.0





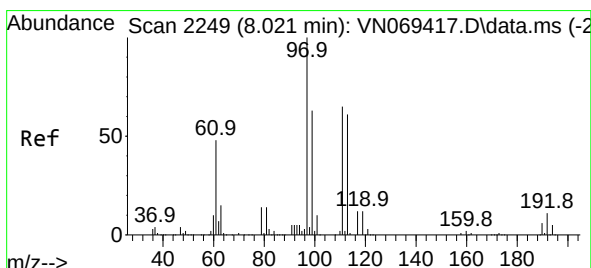
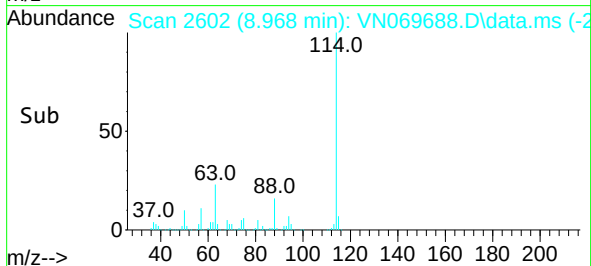
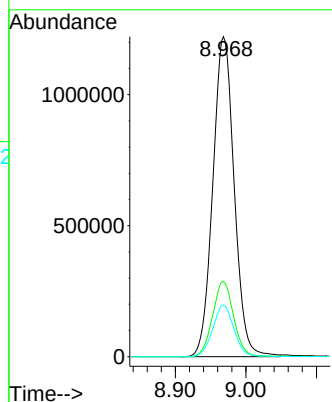
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 2570090

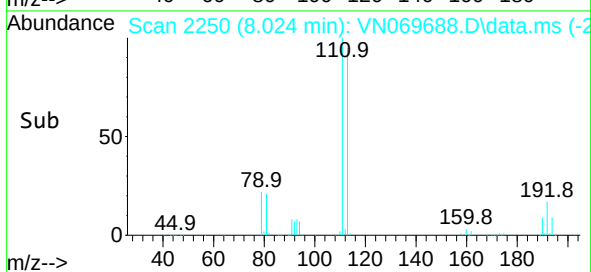
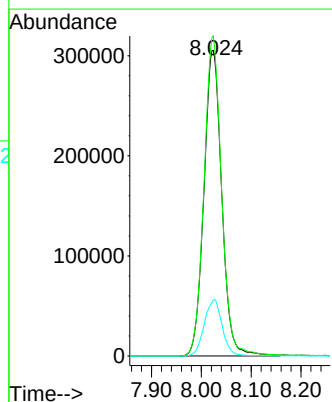
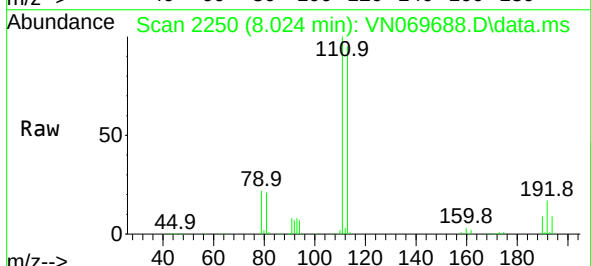
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	37.8
88	16.1	0.0	27.4

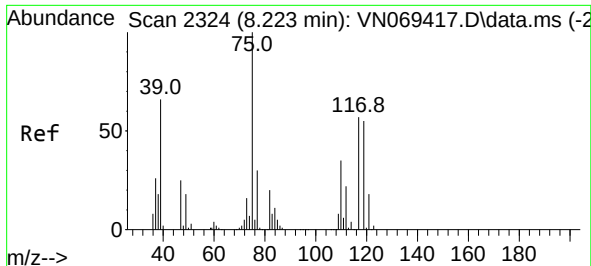


#35
Dibromofluoromethane
Concen: 49.369 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Tgt Ion:113 Resp: 760996

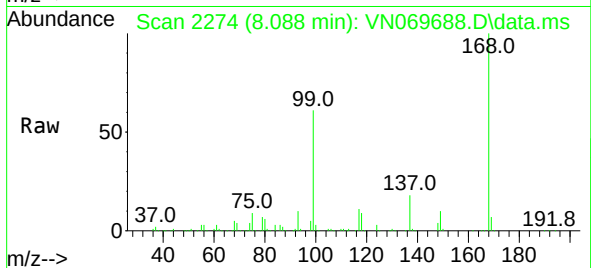
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.2	123.2
192	18.4	16.9	25.3



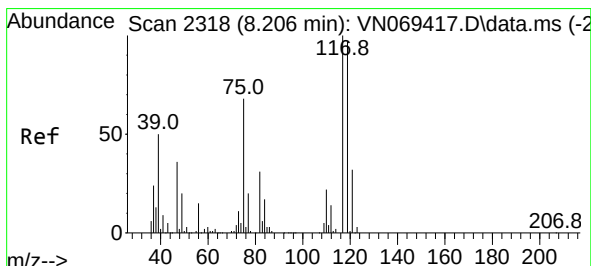
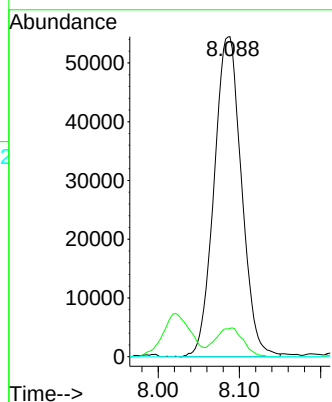
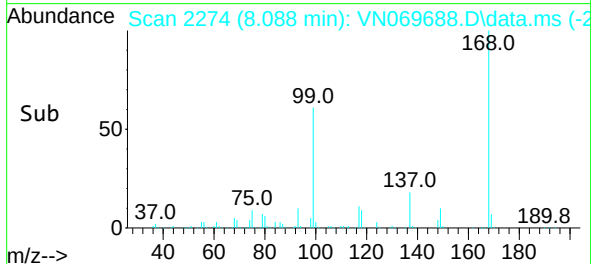


#36
 1,1-Dichloropropene
 Concen: 5.907 ug/l
 RT: 8.088 min Scan# 21
 Delta R.T. -0.135 min
 Lab File: VN069688.D
 Acq: 1 Dec 2021 13:25

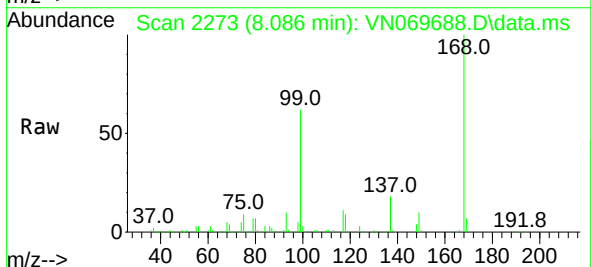
Instrument :
 MSVOA_N
 ClientSampleId :



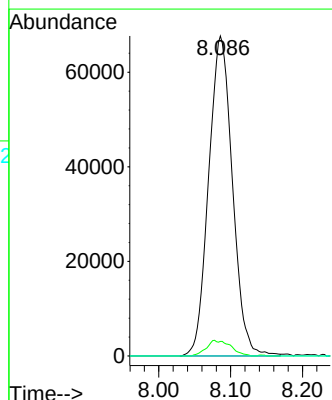
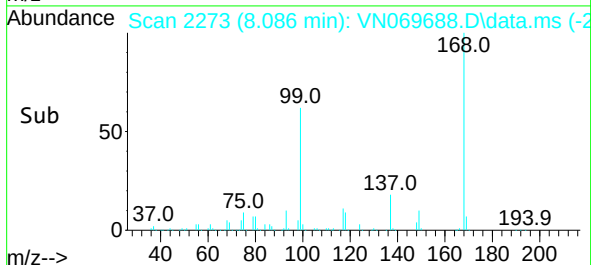
Tgt Ion: 75 Resp: 127751
 Ion Ratio Lower Upper
 75 100
 110 9.1 18.4 55.2#
 77 0.0 24.4 36.6#

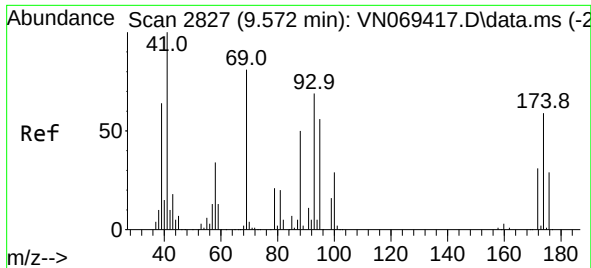


#38
 Carbon Tetrachloride
 Concen: 7.452 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.120 min
 Lab File: VN069688.D
 Acq: 1 Dec 2021 13:25



Tgt Ion: 117 Resp: 155588
 Ion Ratio Lower Upper
 117 100
 119 4.6 76.1 114.1#
 121 0.0 24.2 36.2#





#49

1,4-Dioxane

Concen: 39.553 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :

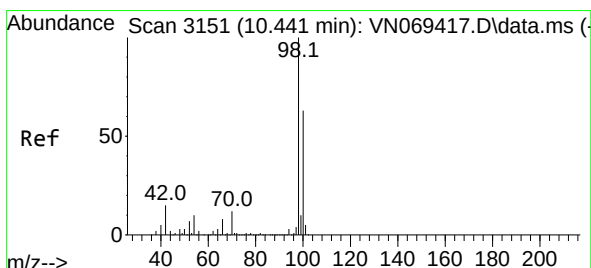
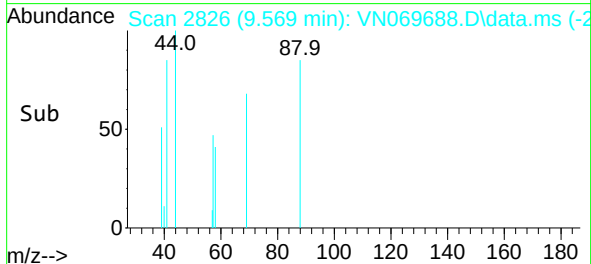
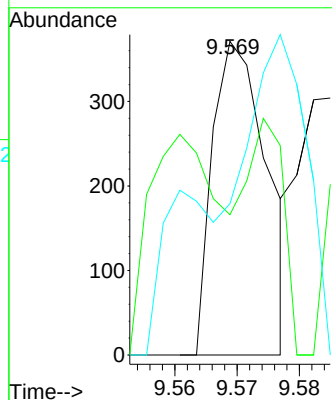
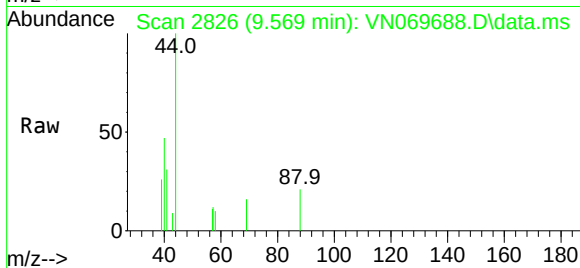
Tgt Ion: 88 Resp: 225

Ion Ratio Lower Upper

88 100

43 52.4 23.4 35.2#

58 119.1 50.6 75.8#



#50

Toluene-d8

Concen: 54.081 ug/l

RT: 10.441 min Scan# 3151

Delta R.T. -0.001 min

Lab File: VN069688.D

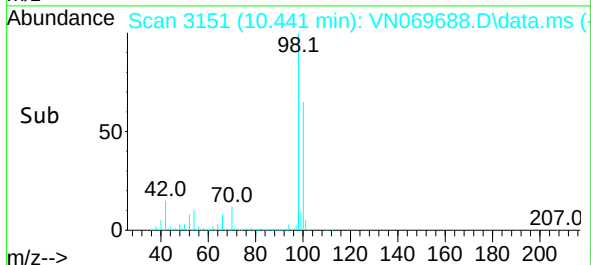
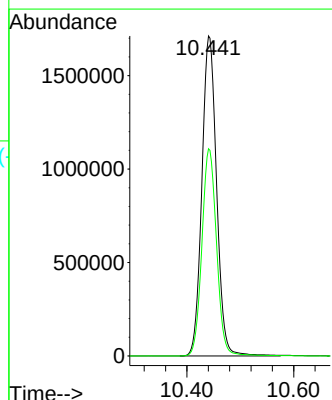
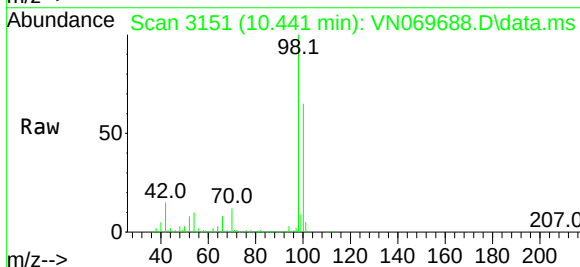
Acq: 1 Dec 2021 13:25

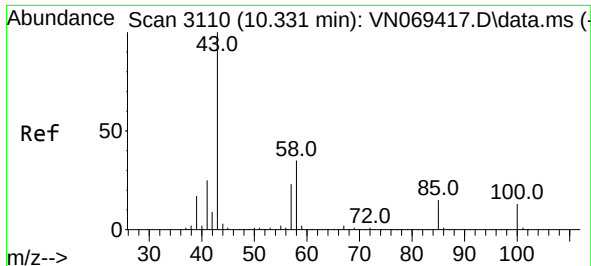
Tgt Ion: 98 Resp: 3278606

Ion Ratio Lower Upper

98 100

100 64.4 50.4 75.6

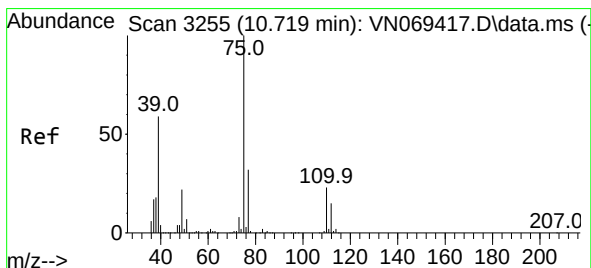
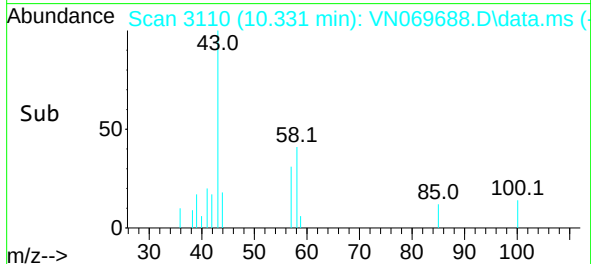
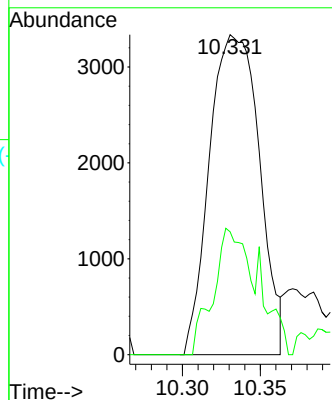
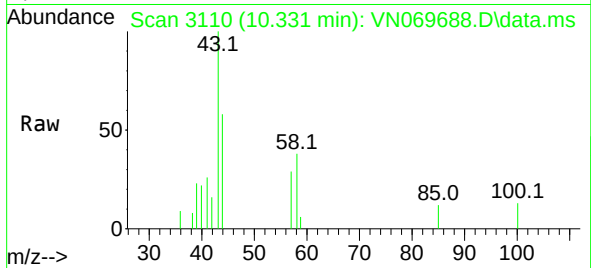




#51
4-Methyl-2-Pentanone
Concen: 0.246 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. -0.000 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

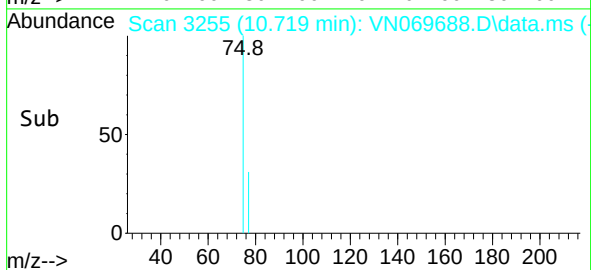
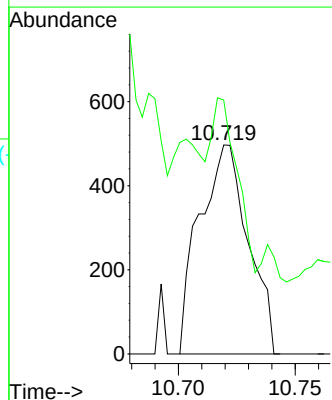
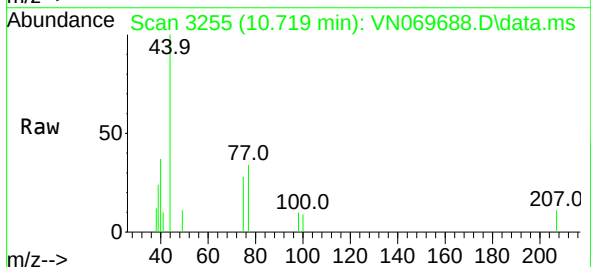
Instrument :
MSVOA_N
ClientSampleId :

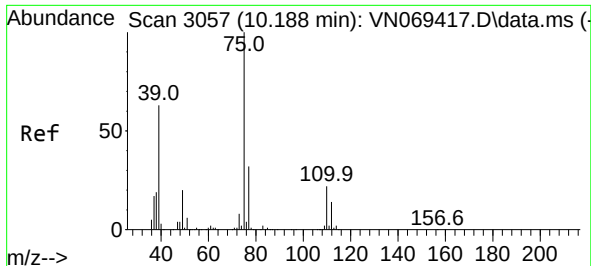
Tgt Ion: 43 Resp: 7445
Ion Ratio Lower Upper
43 100
58 27.4 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.662 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

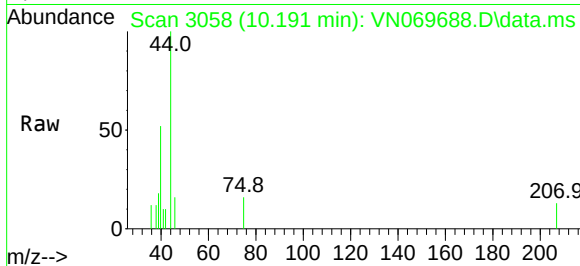
Tgt Ion: 75 Resp: 722
Ion Ratio Lower Upper
75 100
77 85.1 25.6 38.4#



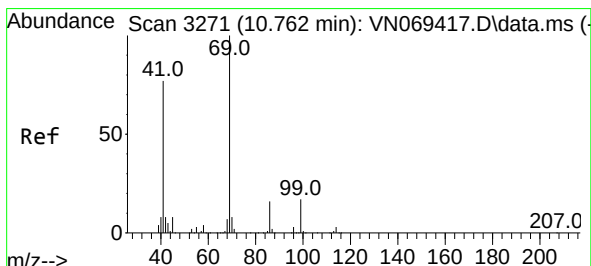
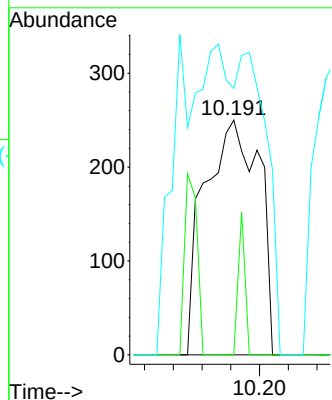
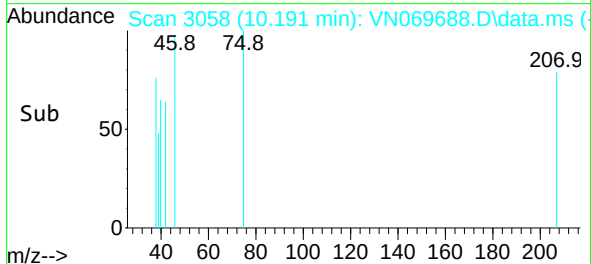


#54
 cis-1,3-Dichloropropene
 Concen: 1.744 ug/l
 RT: 10.191 min Scan# 3057
 Delta R.T. 0.003 min
 Lab File: VN069688.D
 Acq: 1 Dec 2021 13:25

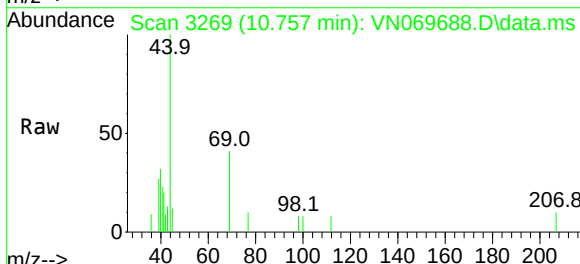
Instrument :
 MSVOA_N
 ClientSampleId :



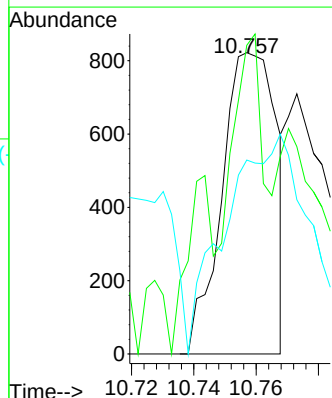
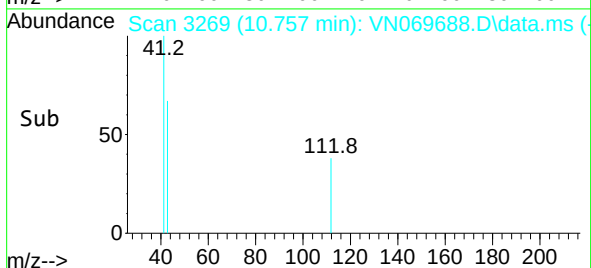
Tgt Ion: 75 Resp: 329
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 113.6 42.5 63.7#

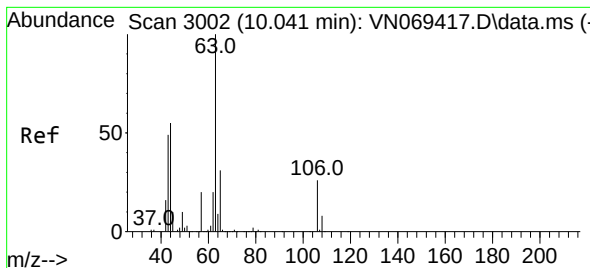


#56
 Ethyl methacrylate
 Concen: 2.083 ug/l
 RT: 10.757 min Scan# 3269
 Delta R.T. -0.005 min
 Lab File: VN069688.D
 Acq: 1 Dec 2021 13:25



Tgt Ion: 69 Resp: 991
 Ion Ratio Lower Upper
 69 100
 41 54.3 51.4 77.0
 39 0.0 34.6 52.0#

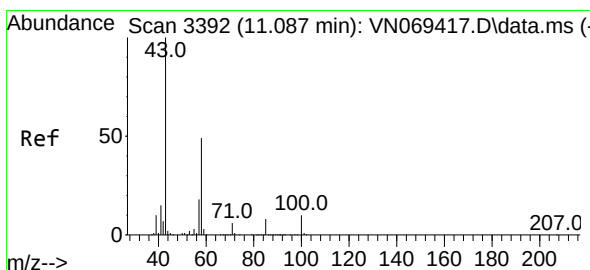
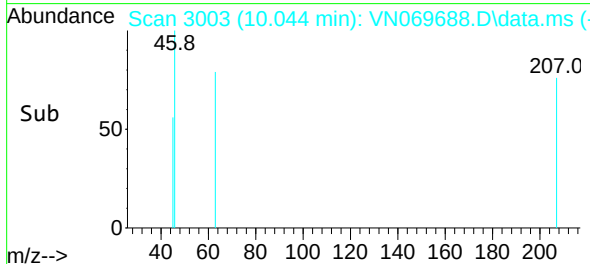
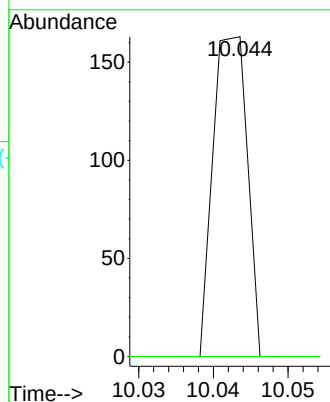
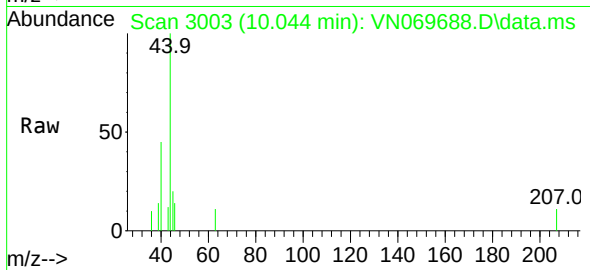




#58
2-Chloroethyl Vinyl ether
Concen: 22.776 ug/l
RT: 10.044 min Scan# 3002
Delta R.T. 0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

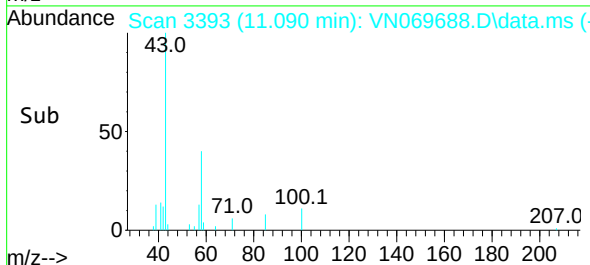
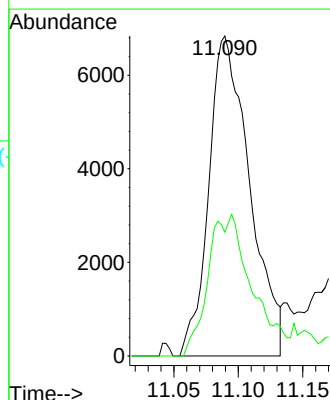
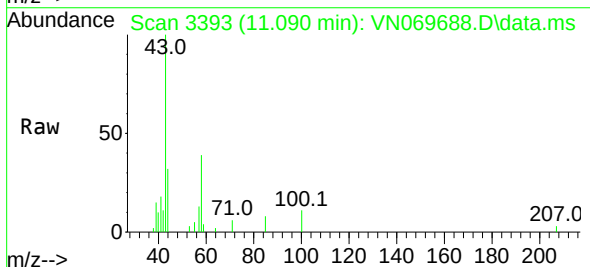
Instrument :
MSVOA_N
ClientSampleId :

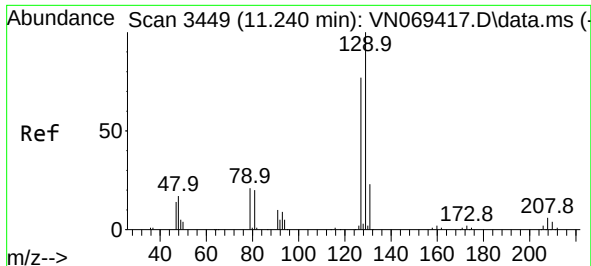
Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 8.514 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Tgt Ion: 43 Resp: 15137
Ion Ratio Lower Upper
43 100
58 19.7 26.9 80.7#

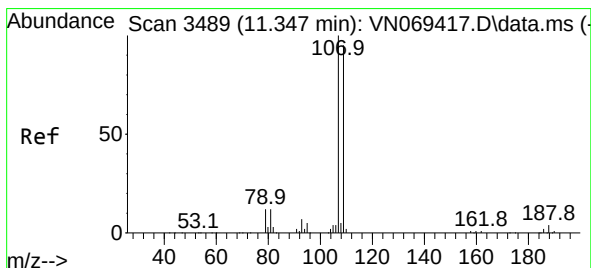
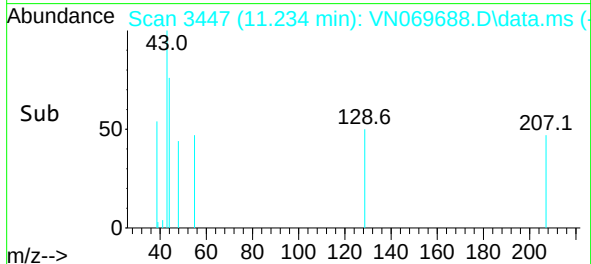
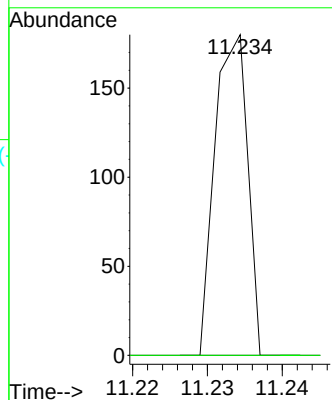
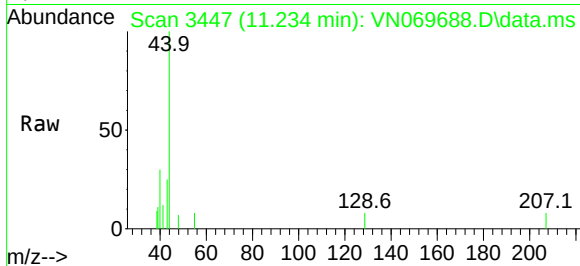




#60
Dibromochloromethane
Concen: 2.420 ug/l
RT: 11.234 min Scan# 3449
Delta R.T. -0.006 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

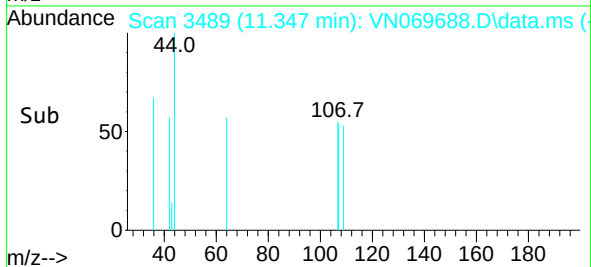
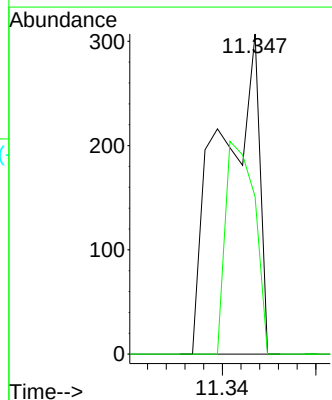
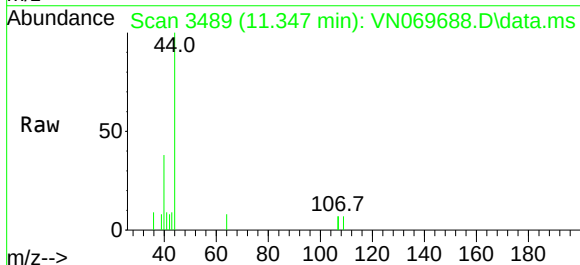
Instrument :
MSVOA_N
ClientSampleId :

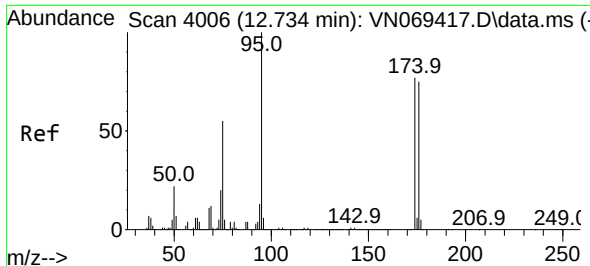
Tgt Ion:129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#



#61
1,2-Dibromoethane
Concen: 1.080 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.000 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Tgt Ion:107 Resp: 177
Ion Ratio Lower Upper
107 100
109 49.7 75.7 113.5#

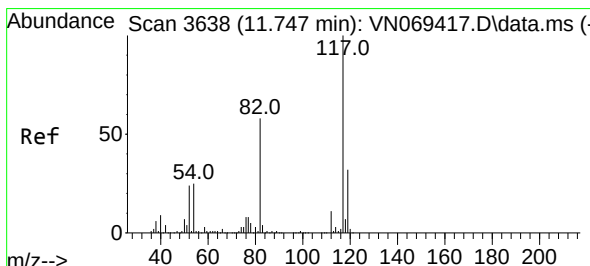
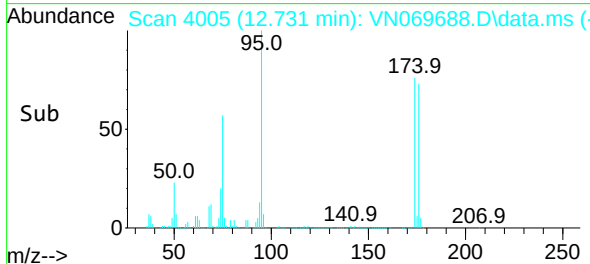
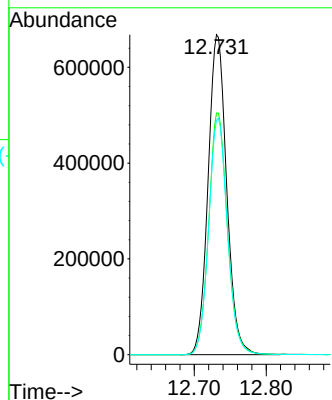
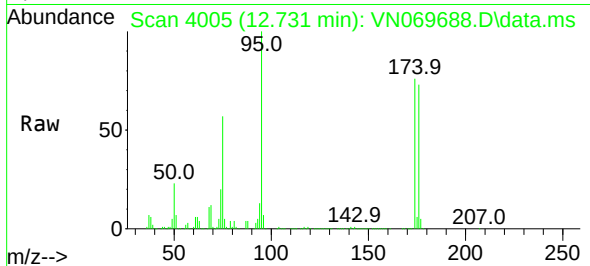




#62
4-Bromofluorobenzene
Concen: 53.902 ug/l
RT: 12.731 min Scan# 4006
Delta R.T. -0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

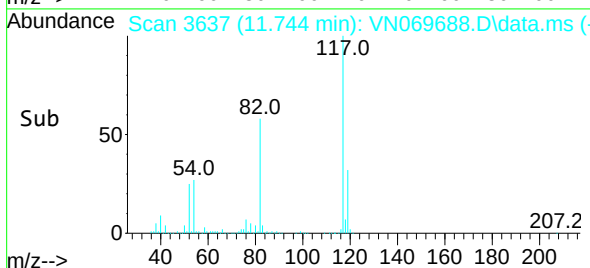
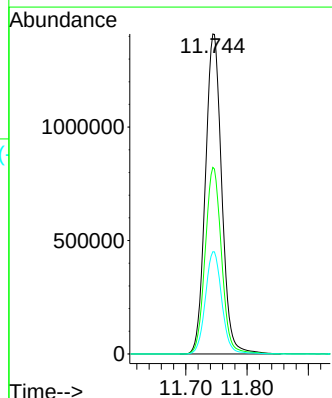
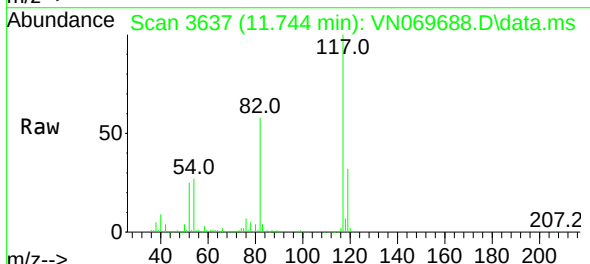
Instrument :
MSVOA_N
ClientSampleId :

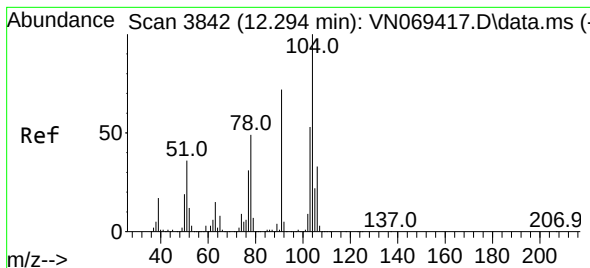
Tgt Ion: 95 Resp: 1200448
Ion Ratio Lower Upper
95 100
174 76.2 0.0 187.2
176 74.6 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Tgt Ion: 117 Resp: 2612033
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.0 25.4 38.2





#70

Styrene

Concen: 1.557 ug/l

RT: 12.294 min Scan# 30

Delta R.T. -0.000 min

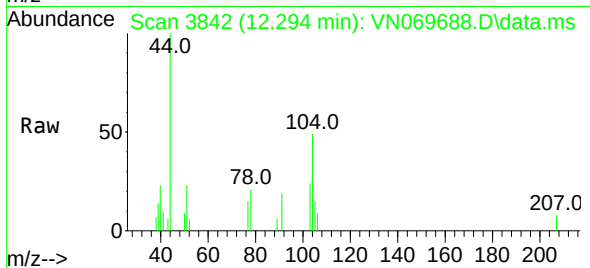
Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :



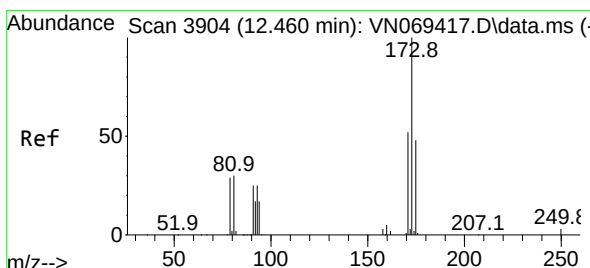
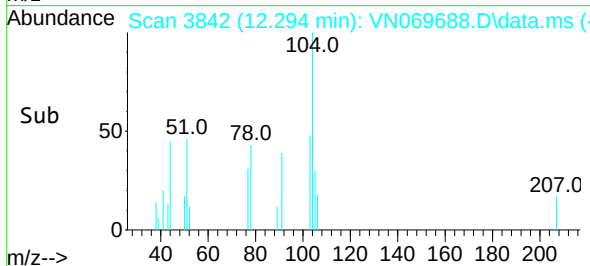
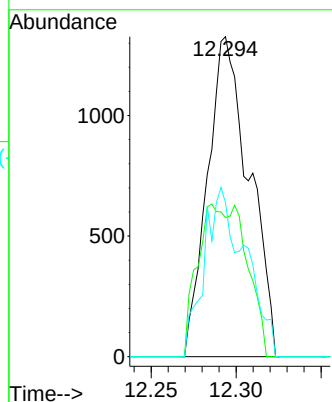
Tgt Ion:104 Resp: 2264

Ion Ratio Lower Upper

104 100

78 32.0 38.7 58.1#

103 37.8 45.0 67.6#



#71

Bromoform

Concen: 3.503 ug/l

RT: 12.717 min Scan# 4000

Delta R.T. 0.257 min

Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

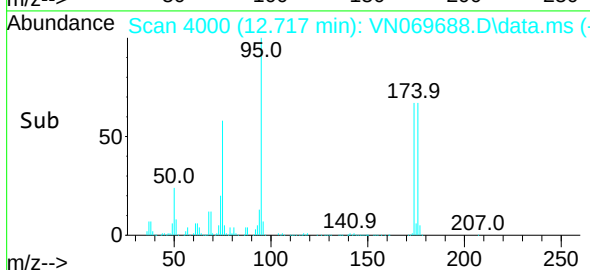
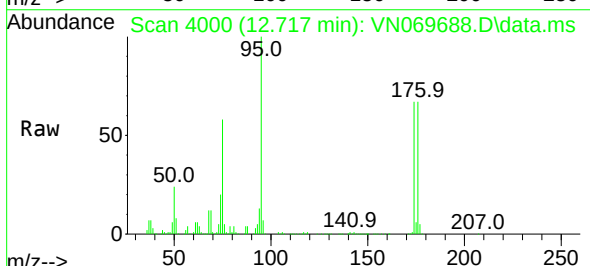
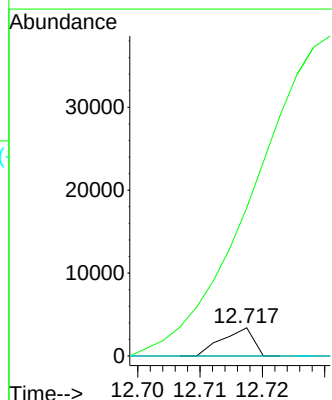
Tgt Ion:173 Resp: 1185

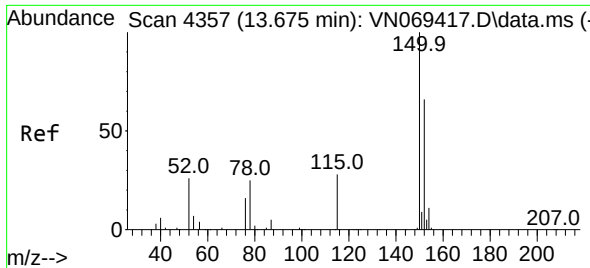
Ion Ratio Lower Upper

173 100

175 5576.2 24.2 72.6#

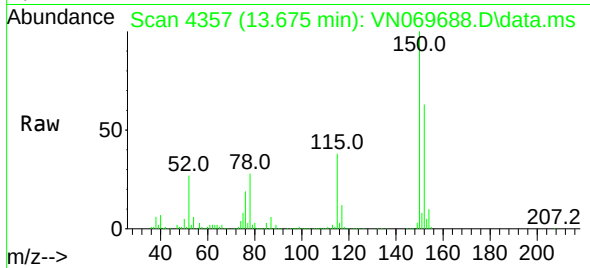
254 0.0 0.0 0.0



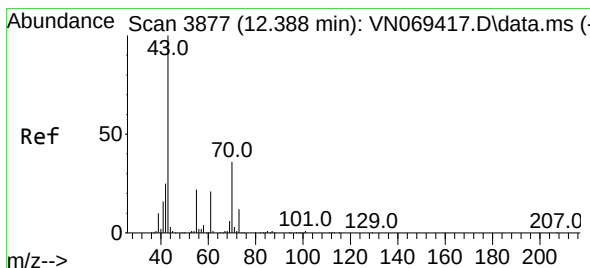
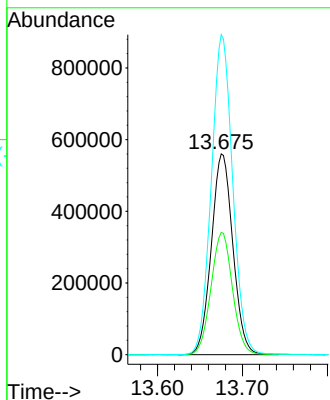
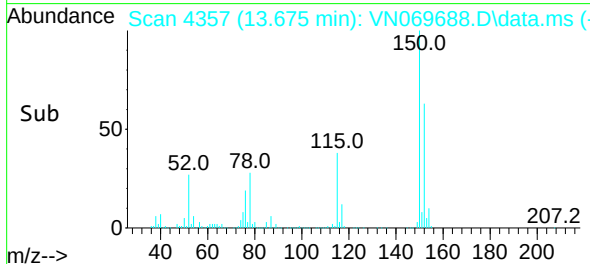


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

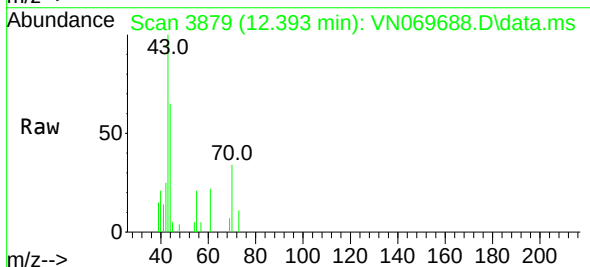
Instrument :
MSVOA_N
ClientSampleId :



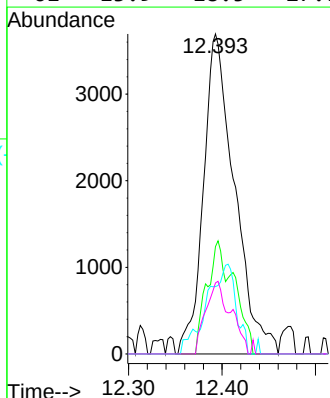
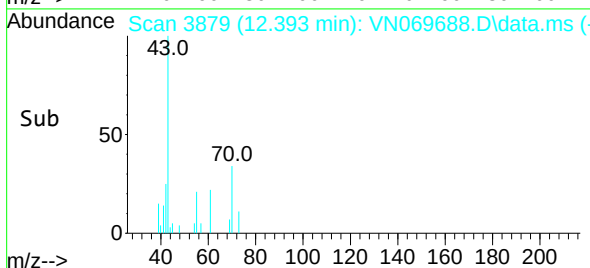
Tgt Ion:152 Resp: 987288
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 158.3 0.0 344.4

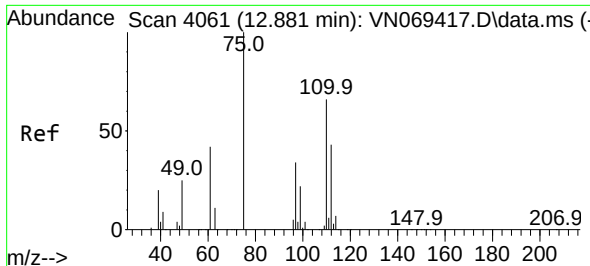


#74
N-ethyl acetate
Concen: 0.256 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.005 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25



Tgt Ion: 43 Resp: 8536
Ion Ratio Lower Upper
43 100
70 19.6 33.4 50.0#
55 23.7 19.3 28.9
61 13.9 18.5 27.7#

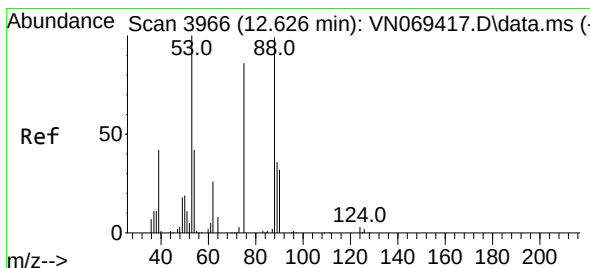
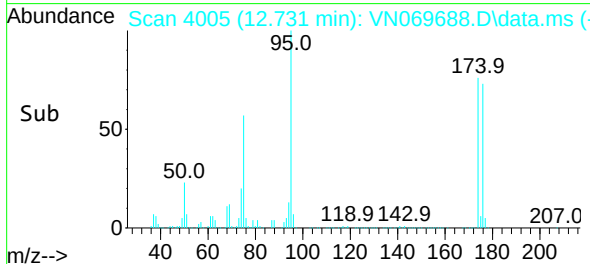
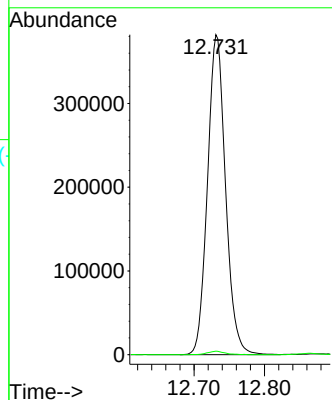
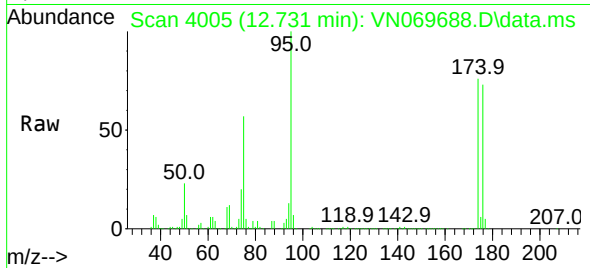




#76
1,2,3-Trichloropropane
Concen: 29.786 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

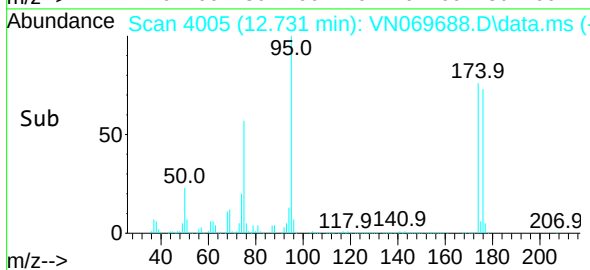
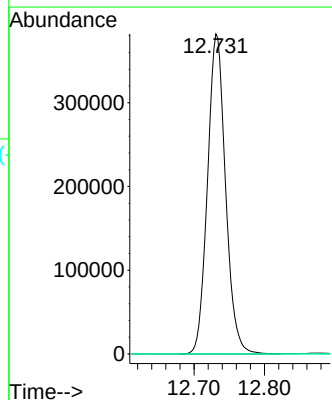
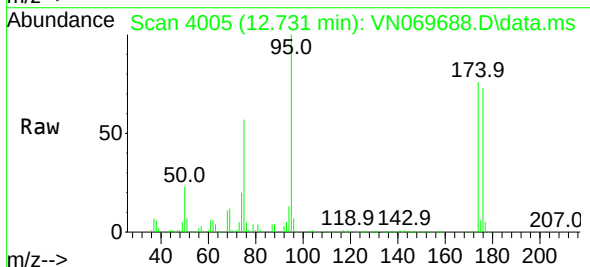
Instrument :
MSVOA_N
ClientSampleId :

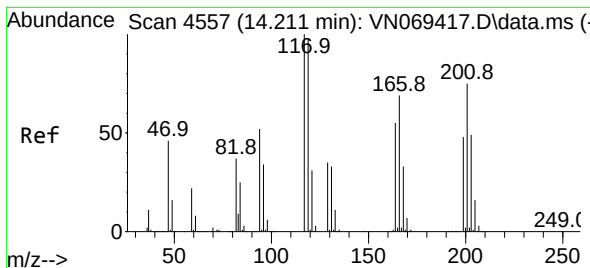
Tgt Ion: 75 Resp: 678643
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.187 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN069688.D
Acq: 1 Dec 2021 13:25

Tgt Ion: 75 Resp: 678643
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#





#90

Hexachloroethane

Concen: 2.167 ug/l

RT: 13.975 min Scan# 4469

Delta R.T. -0.236 min

Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

Instrument :

MSVOA_N

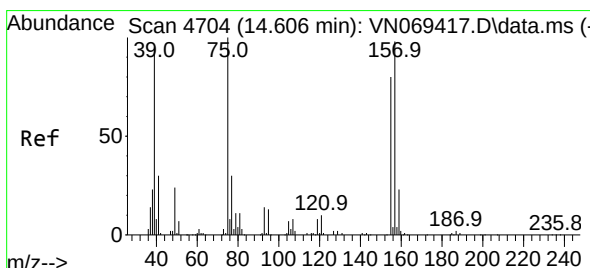
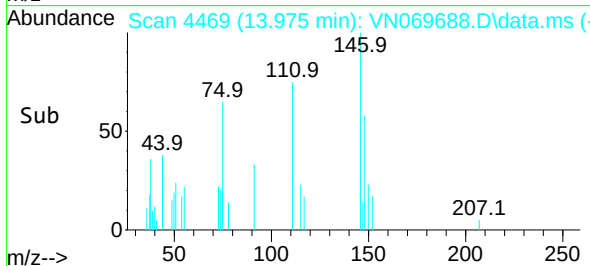
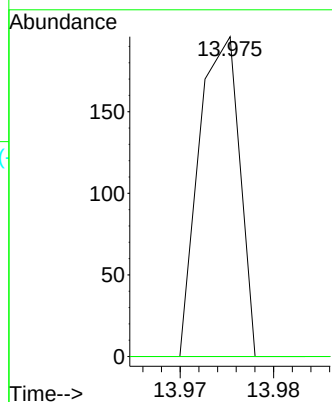
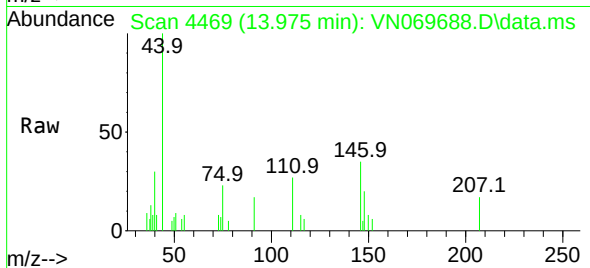
ClientSampleId :

Tgt Ion:117 Resp: 59

Ion Ratio Lower Upper

117 100

201 0.0 43.9 131.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.840 ug/l

RT: 14.606 min Scan# 4704

Delta R.T. -0.000 min

Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

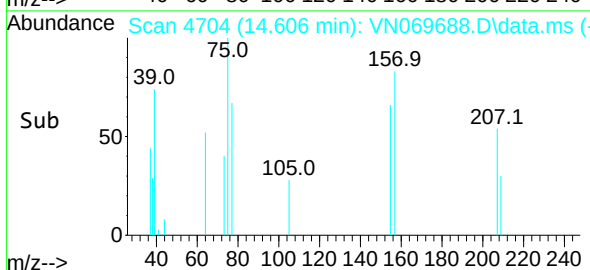
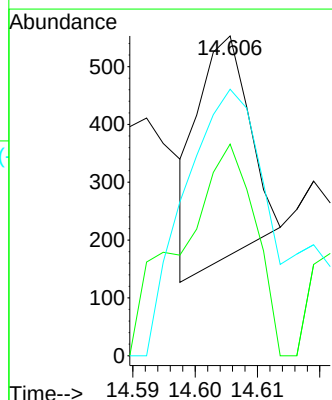
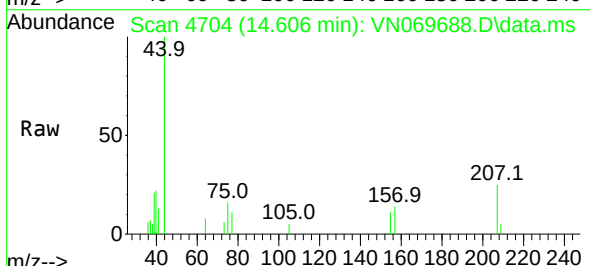
Tgt Ion: 75 Resp: 223

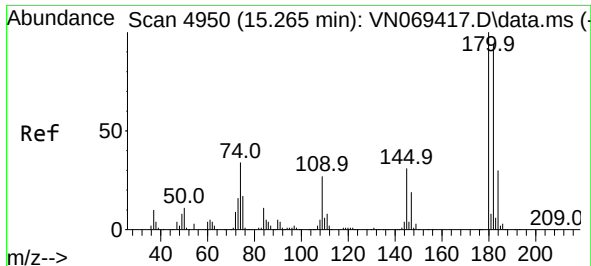
Ion Ratio Lower Upper

75 100

155 135.9 46.9 140.7

157 220.6 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 3.504 ug/l

RT: 15.268 min Scan# 4950

Delta R.T. 0.003 min

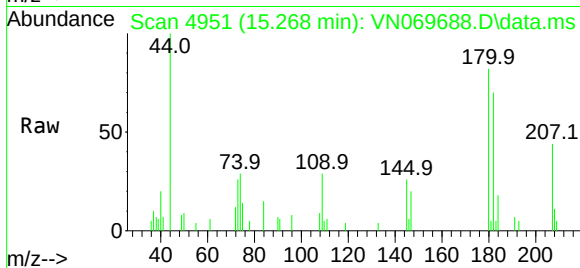
Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

Instrument :

MSVOA_N

ClientSampleId :



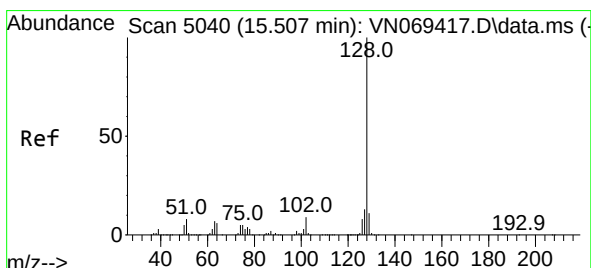
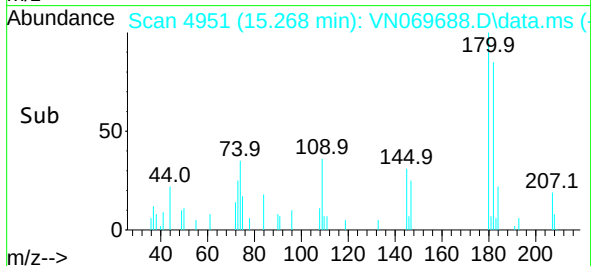
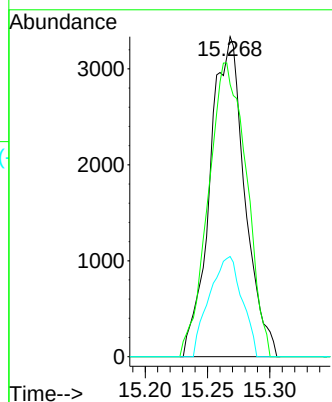
Tgt Ion:180 Resp: 6475

Ion Ratio Lower Upper

180 100

182 100.3 48.3 144.9

145 29.3 14.5 43.5



#95

Naphthalene

Concen: 5.027 ug/l

RT: 15.512 min Scan# 5042

Delta R.T. 0.005 min

Lab File: VN069688.D

Acq: 1 Dec 2021 13:25

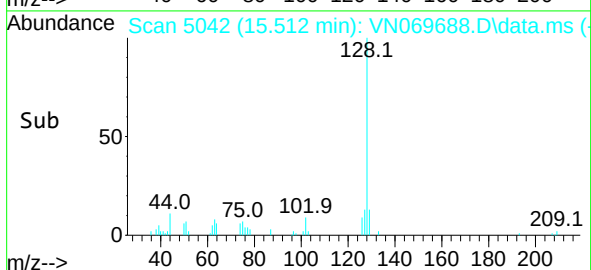
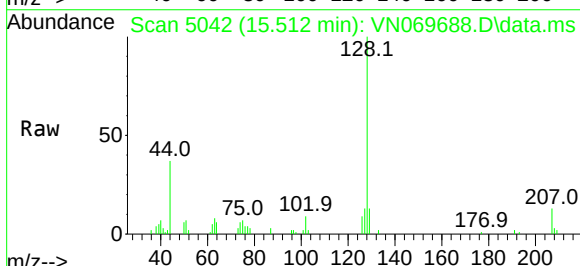
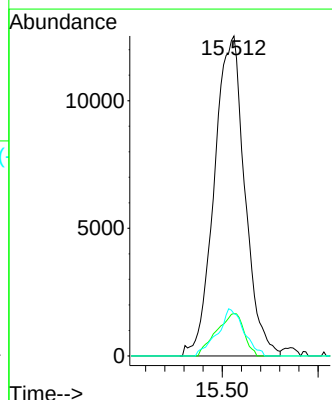
Tgt Ion:128 Resp: 27683

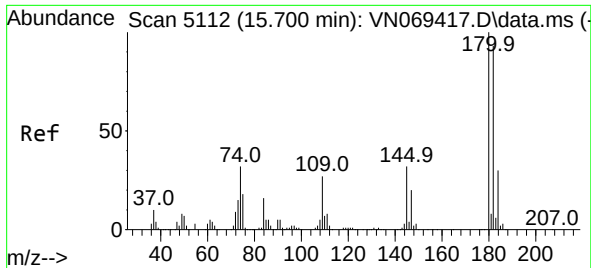
Ion Ratio Lower Upper

128 100

127 11.9 10.5 15.7

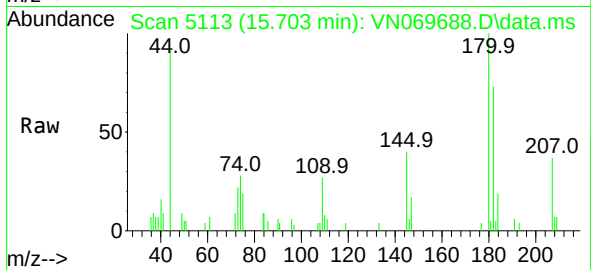
129 12.7 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 3.689 ug/l
 RT: 15.703 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VN069688.D
 Acq: 1 Dec 2021 13:25

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	8242
Ion Ratio	Lower	Upper	
180	100		
182	84.2	47.4	142.2
145	32.8	15.0	45.1

