

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070195.D
 Acq On : 18 Dec 2021 5:23
 Operator : JC/MD
 Sample : M5132-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 07:23:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

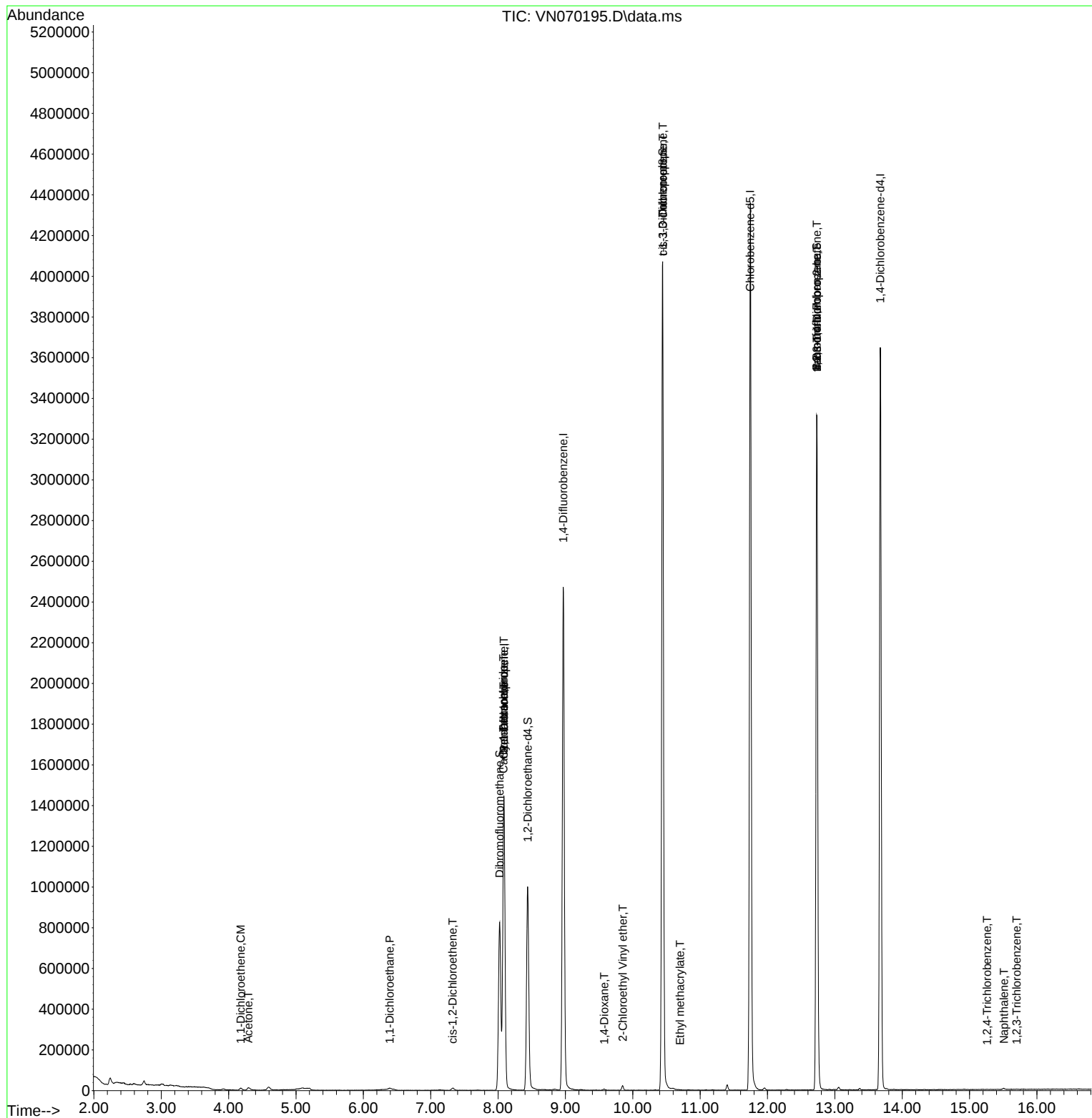
Internal Standards						
1) Pentafluorobenzene	8.088	168	1090965	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2082310	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2454551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	972238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	868226	51.544	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.080%	
35) Dibromofluoromethane	8.024	113	608615	46.662	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 93.320%	
50) Toluene-d8	10.443	98	2785405	53.184	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.360%	
62) 4-Bromofluorobenzene	12.731	95	1201031	63.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 126.600%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	4.181	96	5526	0.532	ug/l	91
16) Acetone	4.293	43	21504	2.122	ug/l	98
24) 1,1-Dichloroethane	6.393	63	9564	0.403	ug/l #	83
27) cis-1,2-Dichloroethene	7.327	96	5633	0.413	ug/l	94
31) Cyclohexane	8.083	56	27855	1.188	ug/l #	26
36) 1,1-Dichloropropene	8.086	75	92622	4.672	ug/l #	48
38) Carbon Tetrachloride	8.080	117	111970	5.760	ug/l #	17
49) 1,4-Dioxane	9.577	88	3859	10.555	ug/l #	82
53) t-1,3-Dichloropropene	10.446	75	731	2.823	ug/l #	1
54) cis-1,3-Dichloropropene	10.446	75	794	2.029	ug/l #	1
56) Ethyl methacrylate	10.701	69	102	2.283	ug/l #	39
58) 2-Chloroethyl Vinyl ether	9.850	63	697	18.474	ug/l #	45
71) Bromoform	12.731	173	4515	3.016	ug/l #	1
76) 1,2,3-Trichloropropane	12.734	75	658015	23.600	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.734	75	658015	75.029	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.260	180	374	2.900	ug/l #	56
95) Naphthalene	15.512	128	5628	4.094	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.700	180	298	2.454	ug/l #	53

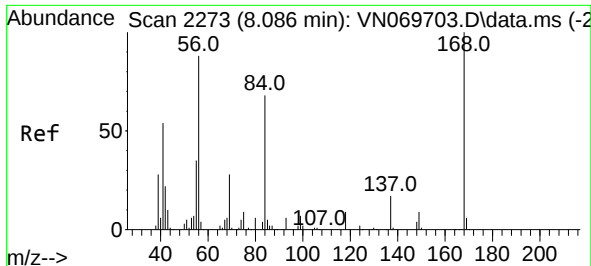
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
Data File : VN070195.D
Acq On : 18 Dec 2021 5:23
Operator : JC/MD
Sample : M5132-07
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Dec 19 07:23:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
Response via : Initial Calibration

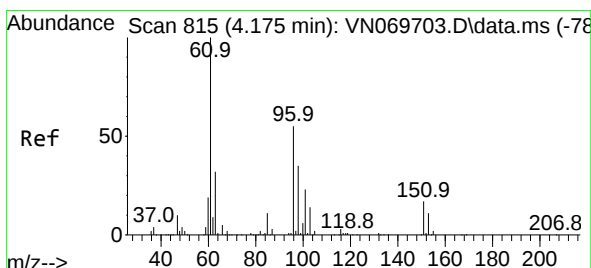
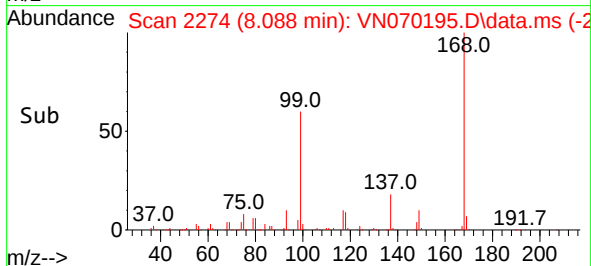
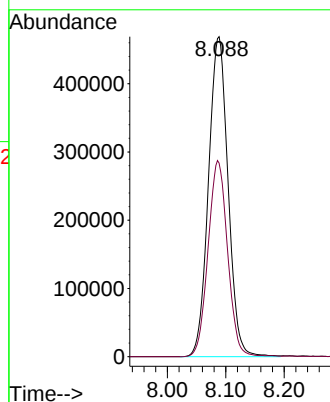
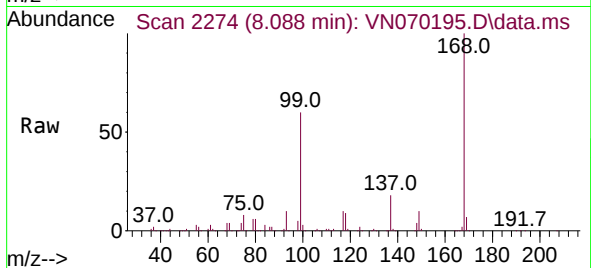




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

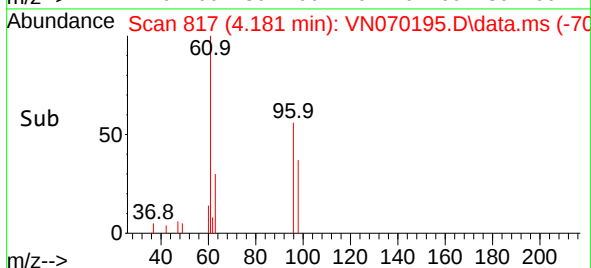
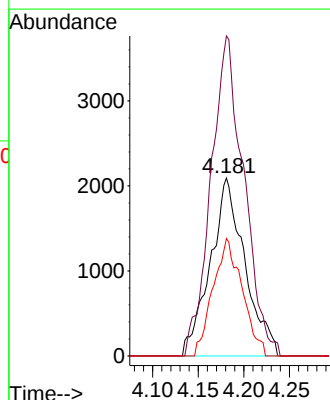
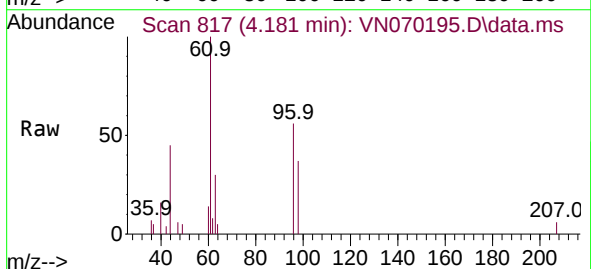
Instrument :
MSVOA_N
ClientSampleId :

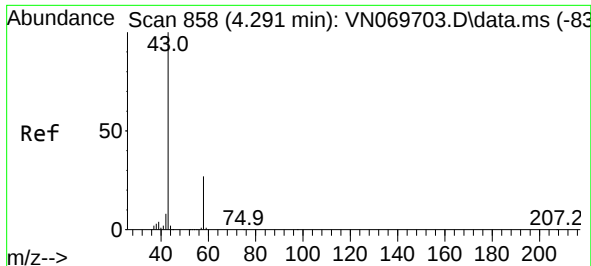
Tgt Ion:168 Resp: 1090965
Ion Ratio Lower Upper
168 100
99 60.5 41.3 61.9



#12
1,1-Dichloroethene
Concen: 0.532 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Tgt Ion: 96 Resp: 5526
Ion Ratio Lower Upper
96 100
61 179.9 131.0 196.6
98 66.1 52.4 78.6

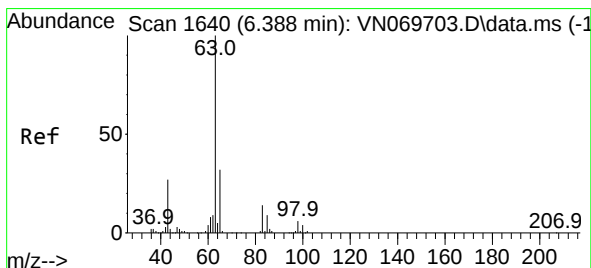
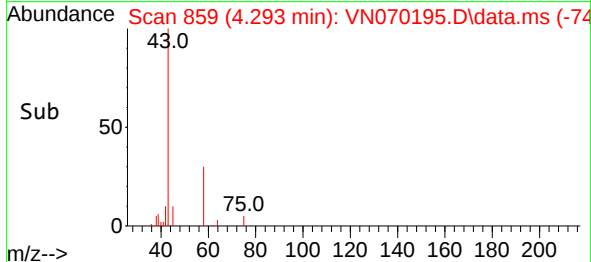
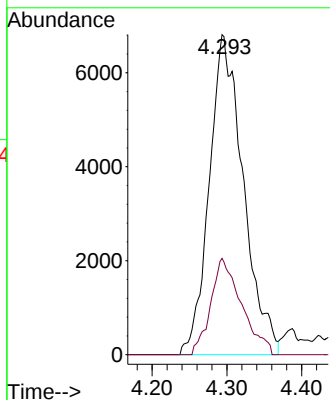
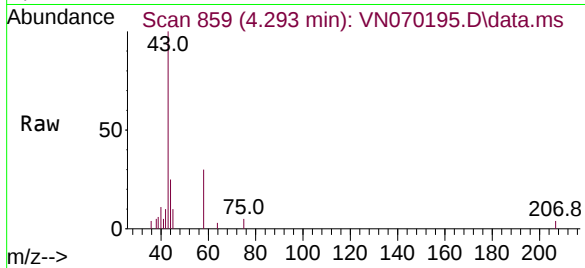




#16
Acetone
Concen: 2.122 ug/l
RT: 4.293 min Scan# 858
Delta R.T. 0.003 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

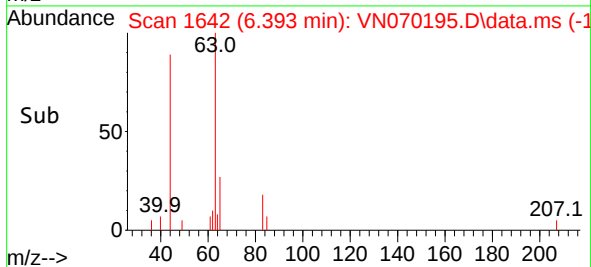
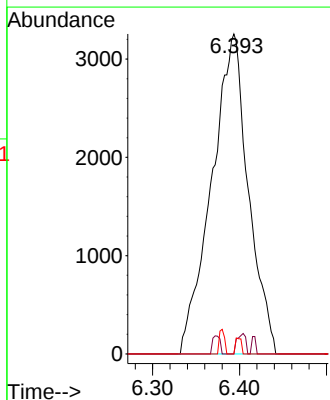
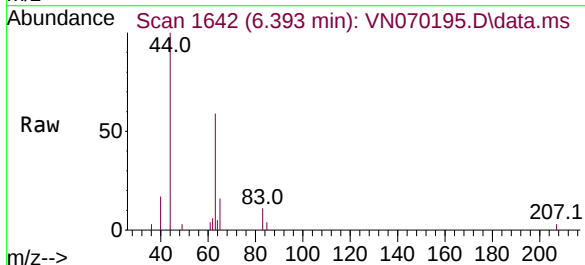
Instrument :
MSVOA_N
ClientSampleId :

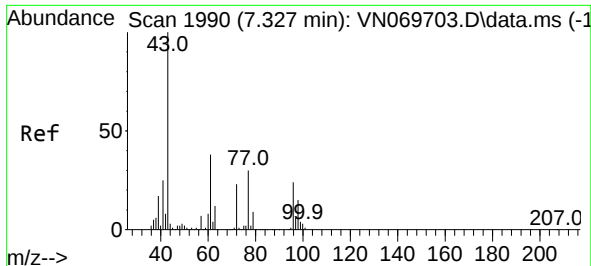
Tgt Ion: 43 Resp: 21504
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7



#24
1,1-Dichloroethane
Concen: 0.403 ug/l
RT: 6.393 min Scan# 1642
Delta R.T. 0.006 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Tgt Ion: 63 Resp: 9564
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.5#





#27

cis-1,2-Dichloroethene

Concen: 0.413 ug/l

RT: 7.327 min Scan# 1990

Delta R.T. 0.000 min

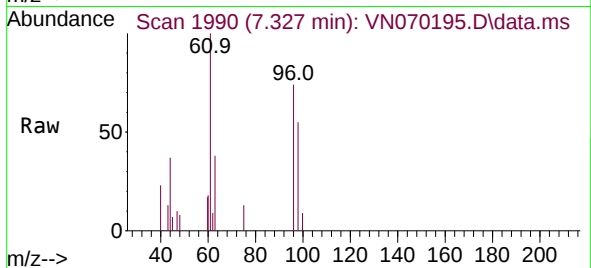
Lab File: VN070195.D

Acq: 18 Dec 2021 5:23

Instrument :

MSVOA_N

ClientSampleId :



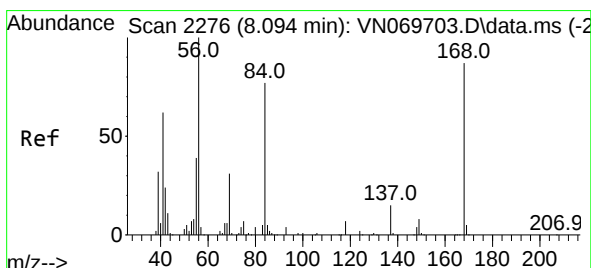
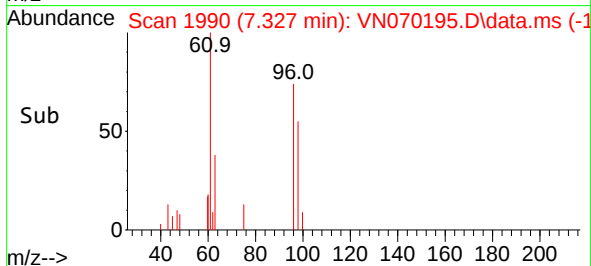
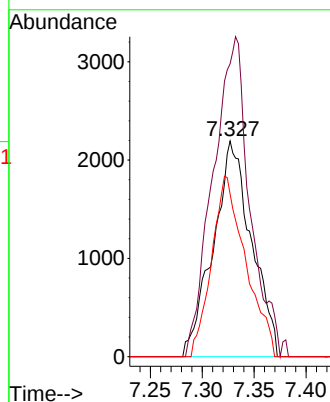
Tgt Ion: 96 Resp: 5633

Ion Ratio Lower Upper

96 100

61 142.2 0.0 275.0

98 74.2 0.0 129.6



#31

Cyclohexane

Concen: 1.188 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.010 min

Lab File: VN070195.D

Acq: 18 Dec 2021 5:23

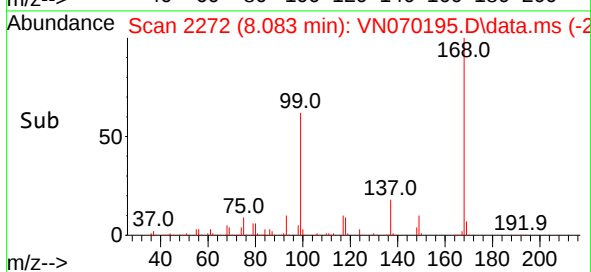
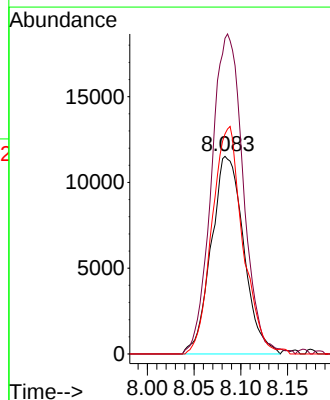
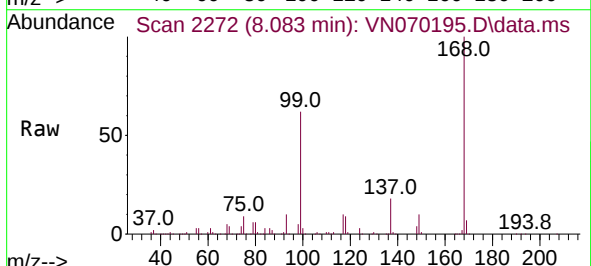
Tgt Ion: 56 Resp: 27855

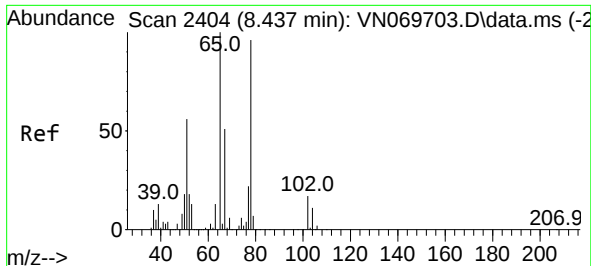
Ion Ratio Lower Upper

56 100

69 159.7 27.1 40.7#

84 111.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 51.544 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070195.D

Acq: 18 Dec 2021 5:23

Instrument :

MSVOA_N

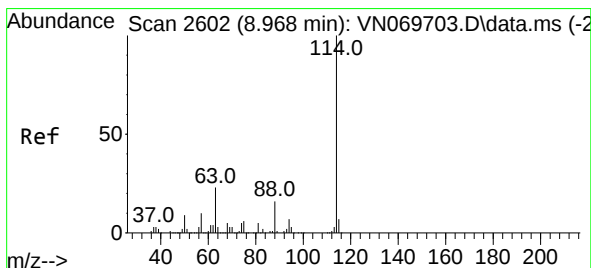
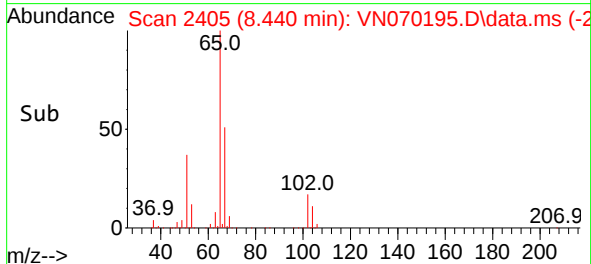
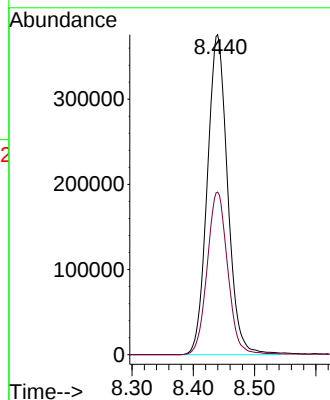
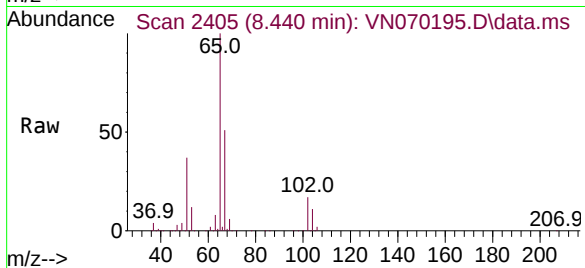
ClientSampleId :

Tgt Ion: 65 Resp: 868226

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070195.D

Acq: 18 Dec 2021 5:23

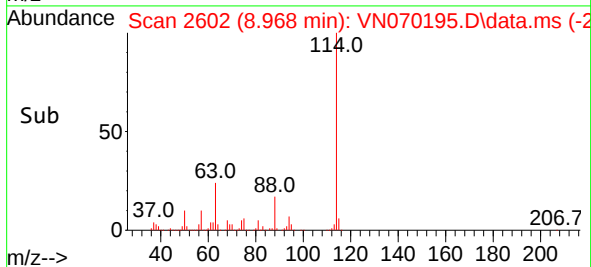
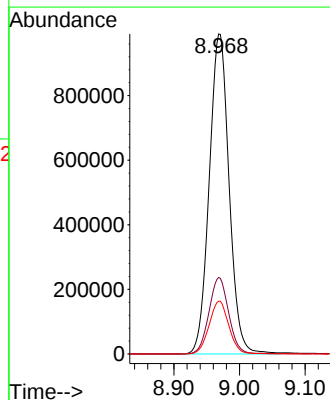
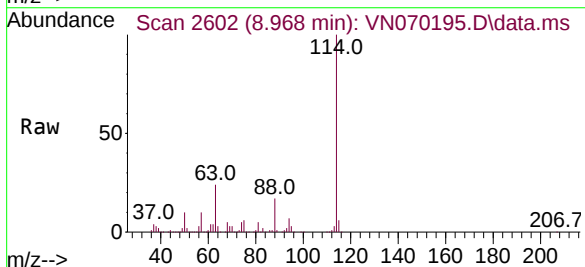
Tgt Ion: 114 Resp: 2082310

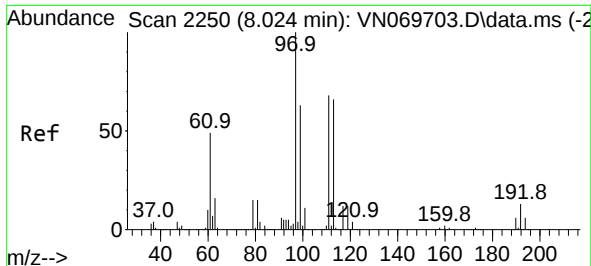
Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.8

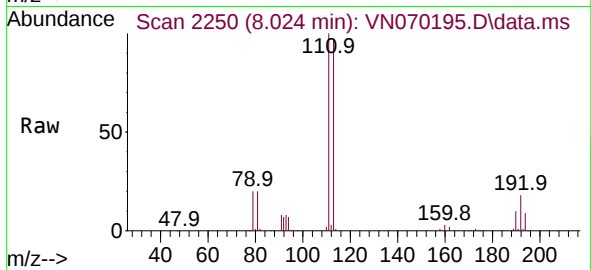
88 16.5 0.0 27.4



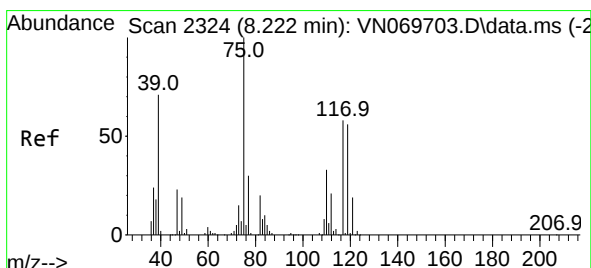
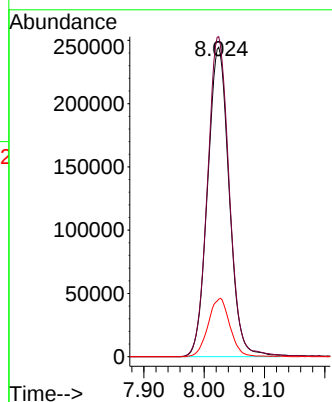
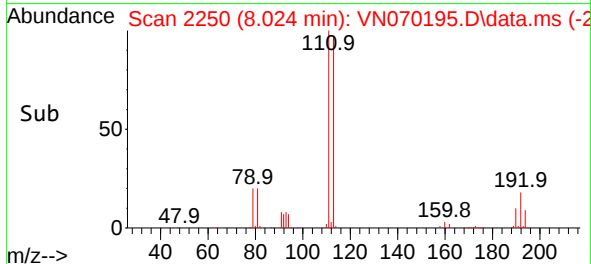


#35
Dibromofluoromethane
Concen: 46.662 ug/l
RT: 8.024 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

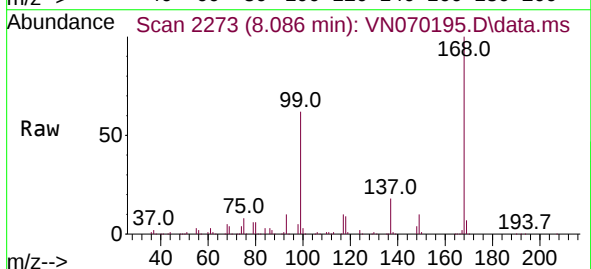
Instrument :
MSVOA_N
ClientSampleId :



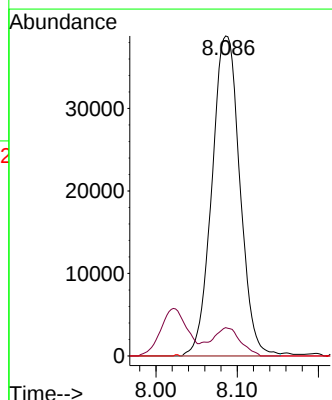
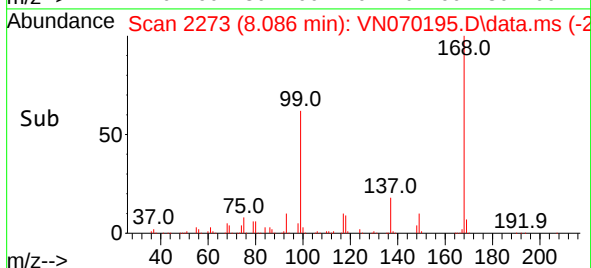
Tgt Ion:113 Resp: 608615
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 18.9 16.9 25.3

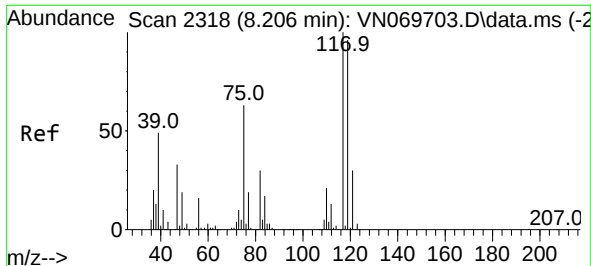


#36
1,1-Dichloropropene
Concen: 4.672 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23



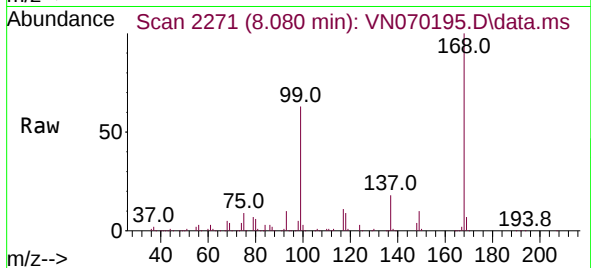
Tgt Ion: 75 Resp: 92622
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.4 36.6#



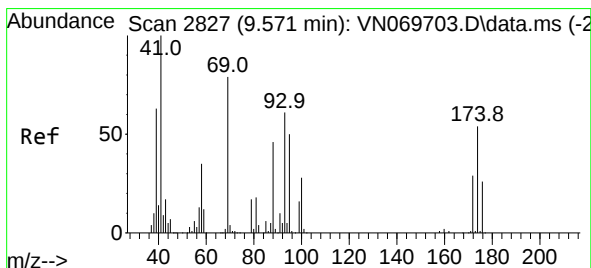
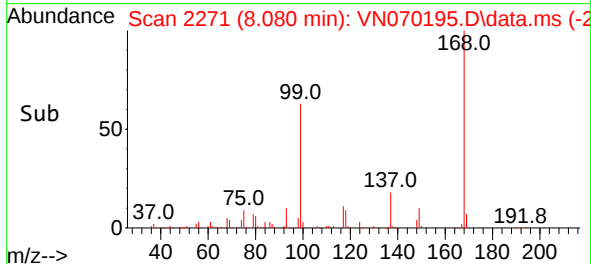
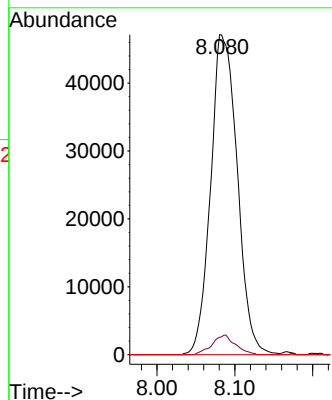


#38
Carbon Tetrachloride
Concen: 5.760 ug/l
RT: 8.080 min Scan# 211
Delta R.T. -0.126 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Instrument :
MSVOA_N
ClientSampleId :

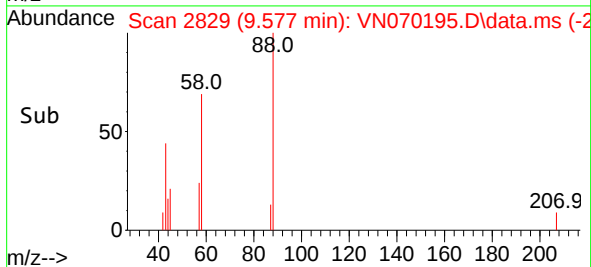
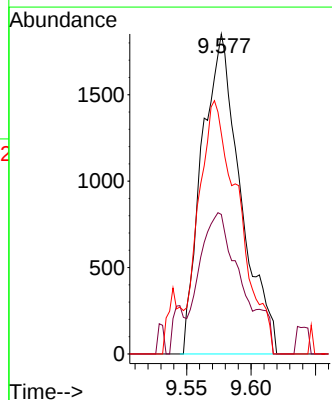
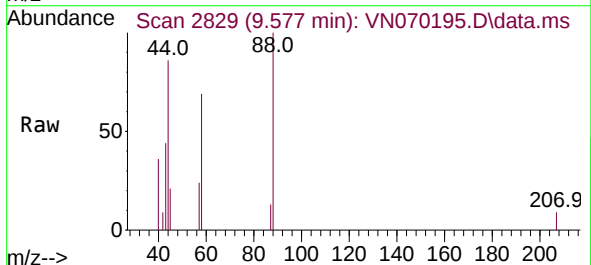


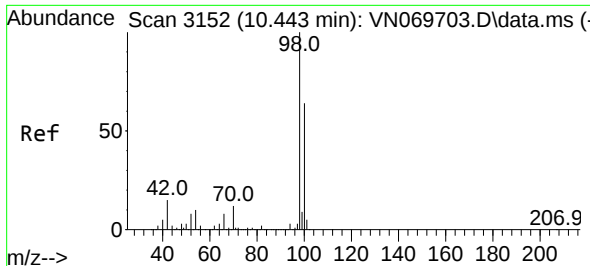
Tgt Ion:117 Resp: 111970
Ion Ratio Lower Upper
117 100
119 5.4 76.1 114.1#
121 0.0 24.2 36.2#



#49
1,4-Dioxane
Concen: 10.555 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.006 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Tgt Ion: 88 Resp: 3859
Ion Ratio Lower Upper
88 100
43 31.8 23.4 35.2
58 81.9 50.6 75.8#

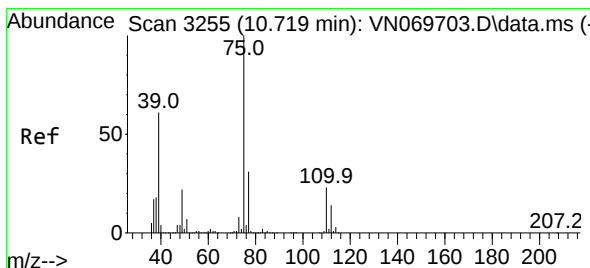
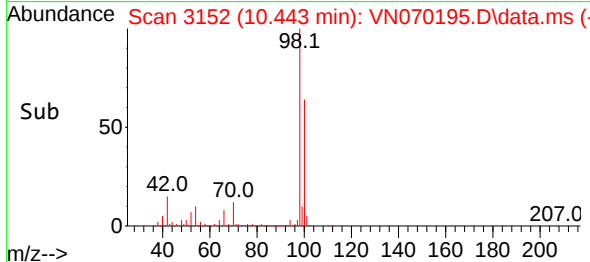
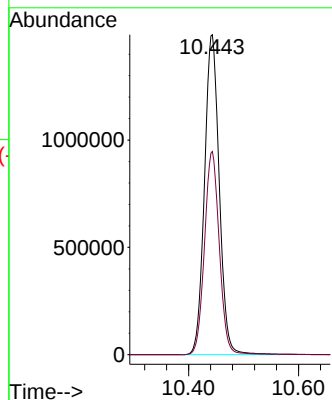
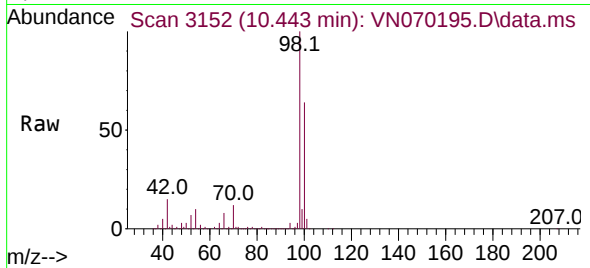




#50
Toluene-d8
Concen: 53.184 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

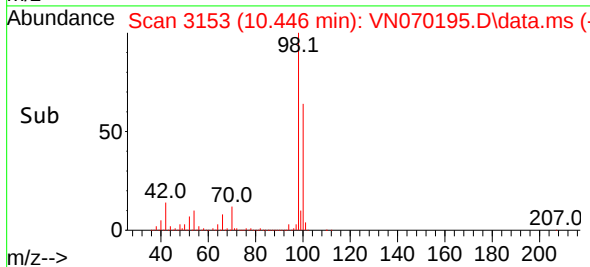
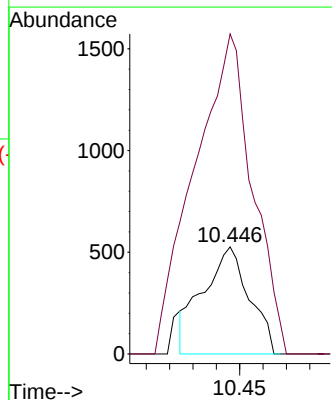
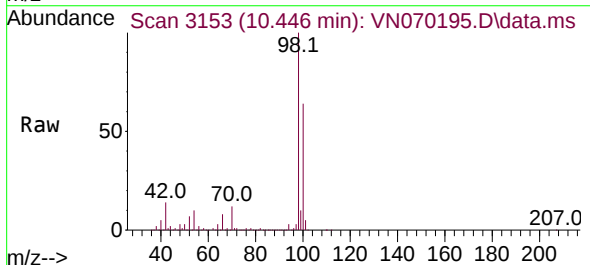
Instrument :
MSVOA_N
ClientSampleId :

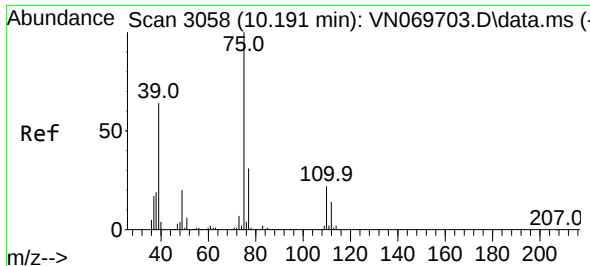
Tgt Ion: 98 Resp: 2785405
Ion Ratio Lower Upper
98 100
100 63.6 50.4 75.6



#53
t-1,3-Dichloropropene
Concen: 2.823 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. -0.273 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

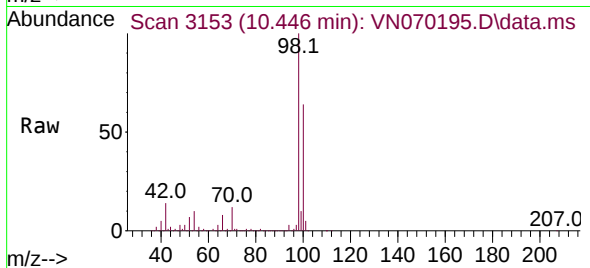
Tgt Ion: 75 Resp: 731
Ion Ratio Lower Upper
75 100
77 269.4 25.6 38.4#



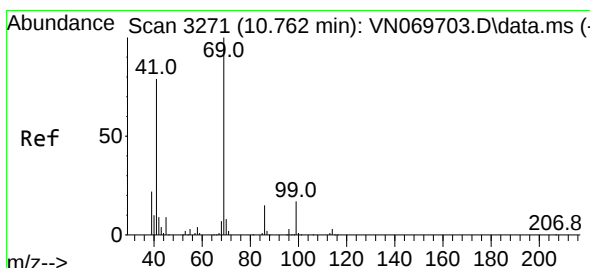
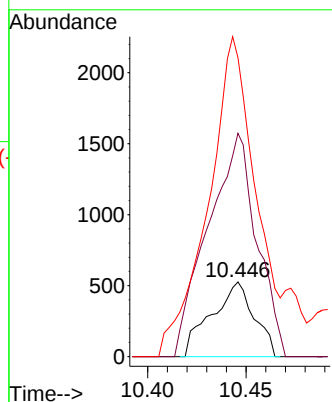
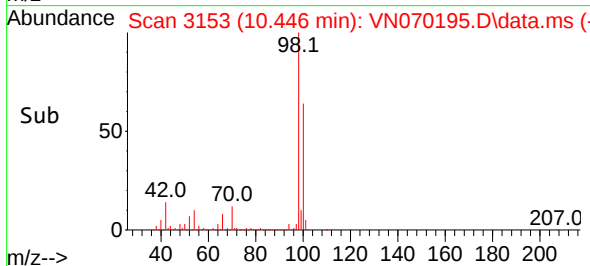


#54
 cis-1,3-Dichloropropene
 Concen: 2.029 ug/l
 RT: 10.446 min Scan# 3153
 Delta R.T. 0.255 min
 Lab File: VN070195.D
 Acq: 18 Dec 2021 5:23

Instrument :
 MSVOA_N
 ClientSampleId :

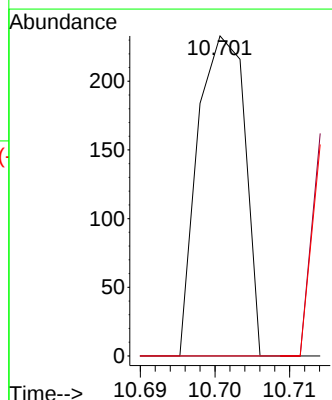
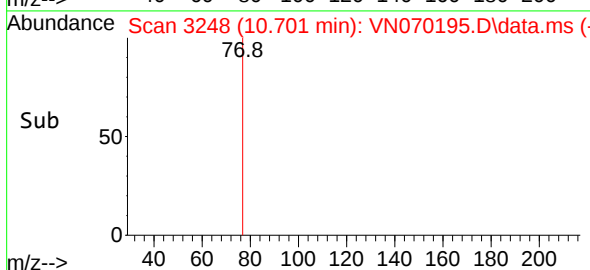
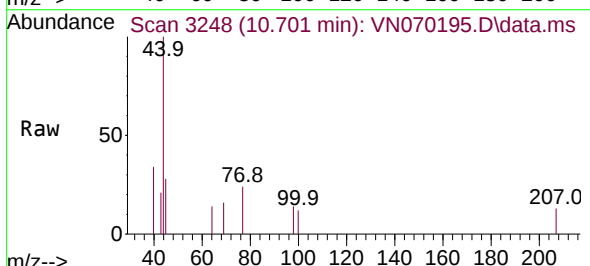


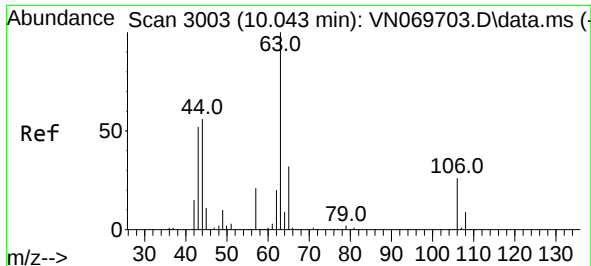
Tgt Ion: 75 Resp: 794
 Ion Ratio Lower Upper
 75 100
 77 269.4 26.4 39.6#
 39 340.7 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.283 ug/l
 RT: 10.701 min Scan# 3248
 Delta R.T. -0.061 min
 Lab File: VN070195.D
 Acq: 18 Dec 2021 5:23

Tgt Ion: 69 Resp: 102
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.4 77.0#
 39 24.5 34.6 52.0#

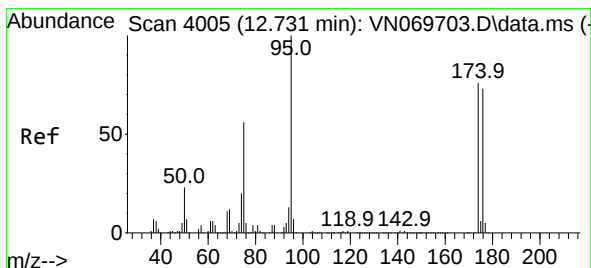
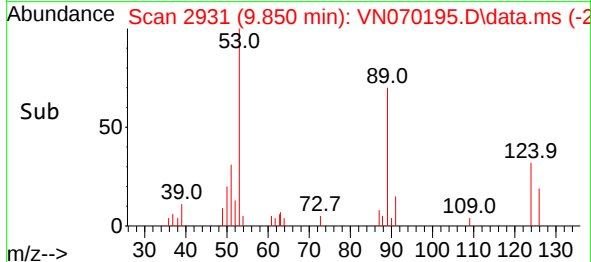
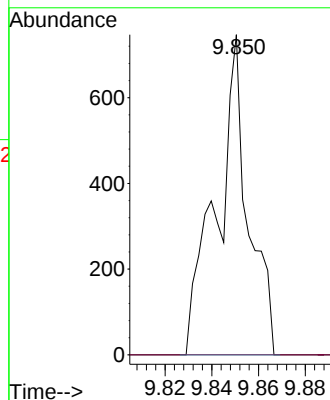
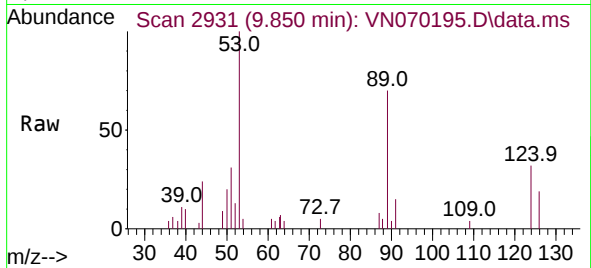




#58
2-Chloroethyl Vinyl ether
Concen: 18.474 ug/l
RT: 9.850 min Scan# 2931
Delta R.T. -0.193 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

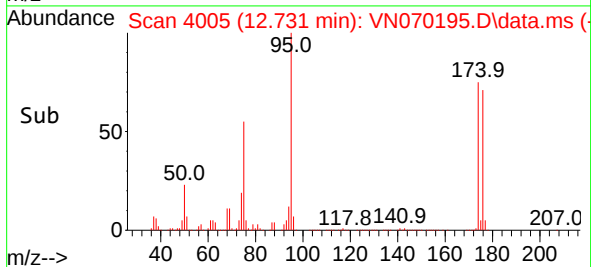
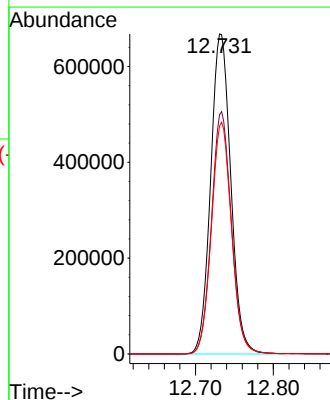
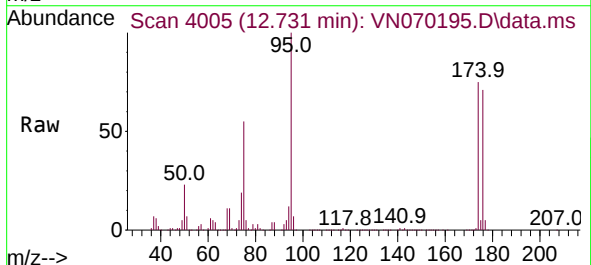
Instrument :
MSVOA_N
ClientSampleId :

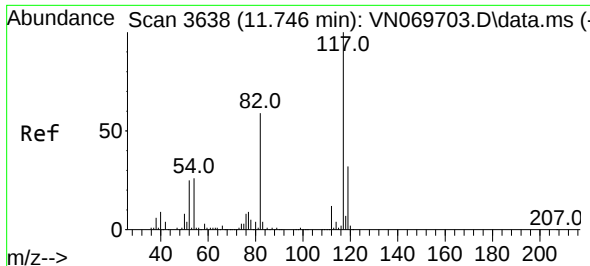
Tgt Ion: 63 Resp: 697
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#62
4-Bromofluorobenzene
Concen: 63.301 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Tgt Ion: 95 Resp: 1201031
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.2 0.0 181.4

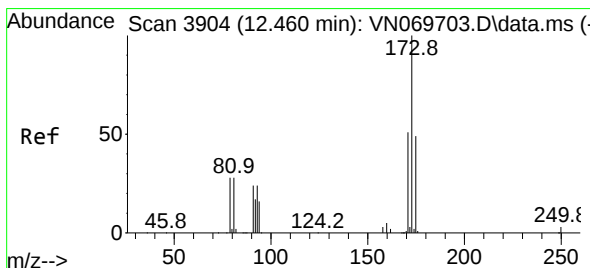
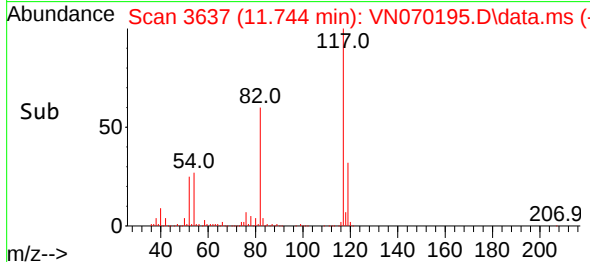
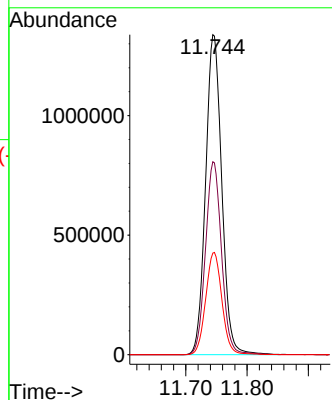
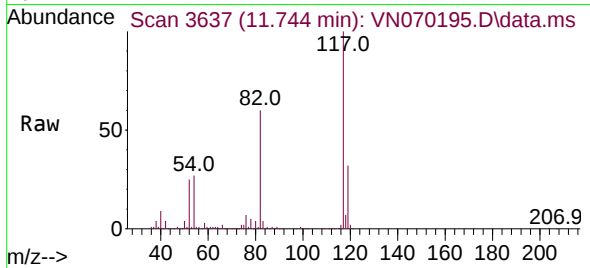




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 30
Delta R.T. -0.002 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

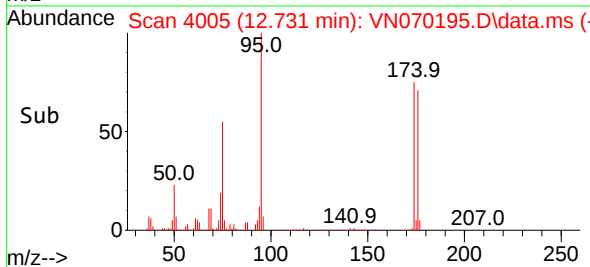
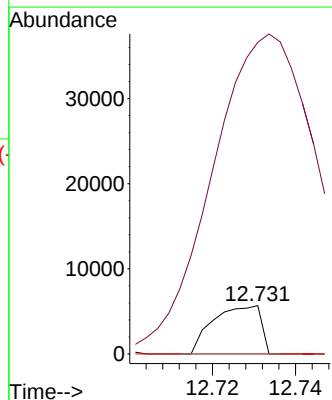
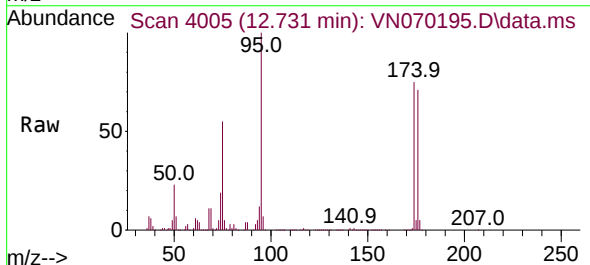
Instrument :
MSVOA_N
ClientSampleId :

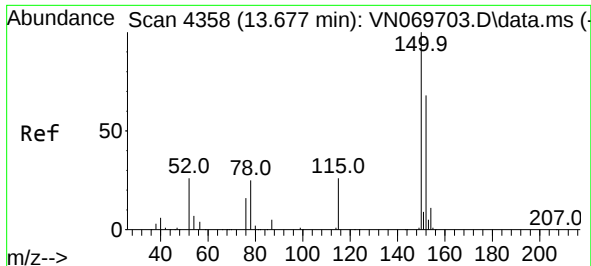
Tgt Ion:117 Resp: 2454551
Ion Ratio Lower Upper
117 100
82 60.3 42.4 63.6
119 31.8 25.4 38.2



#71
Bromoform
Concen: 3.016 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.271 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

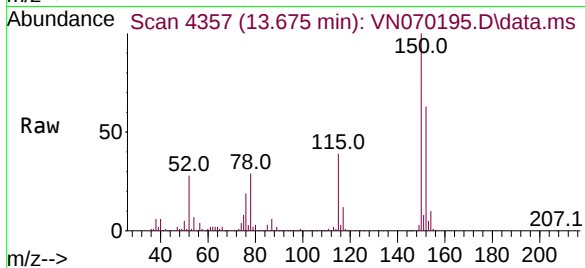
Tgt Ion:173 Resp: 4515
Ion Ratio Lower Upper
173 100
175 1405.8 24.2 72.6#
254 0.0 0.0 0.0



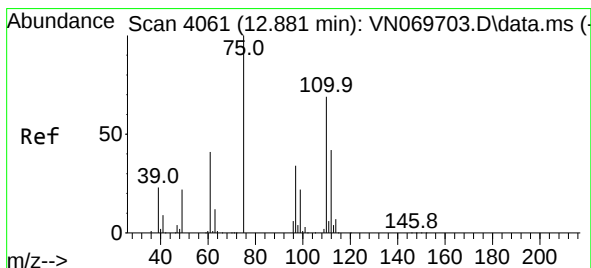
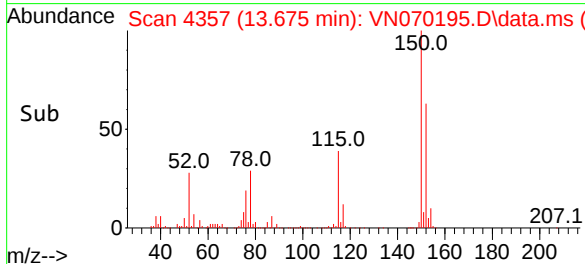
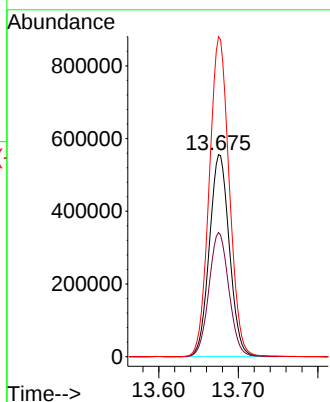


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.002 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Instrument :
MSVOA_N
ClientSampleId :

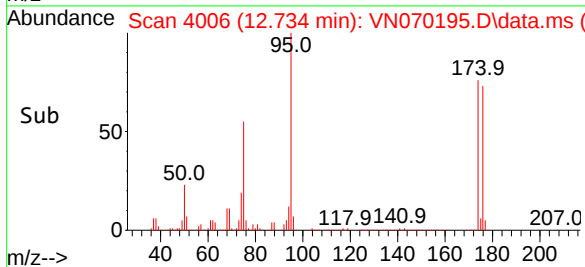
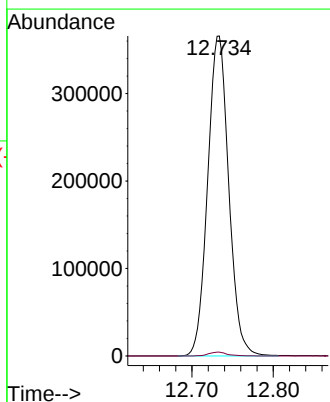
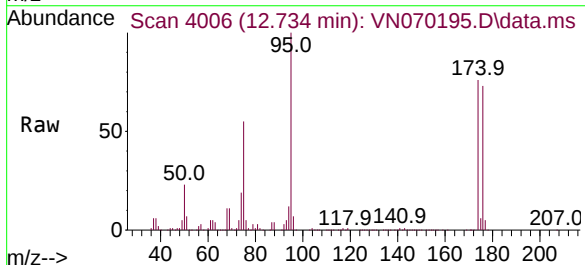


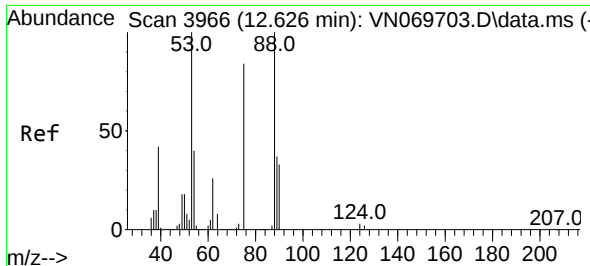
Tgt Ion:152 Resp: 972238
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 158.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 23.600 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.147 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

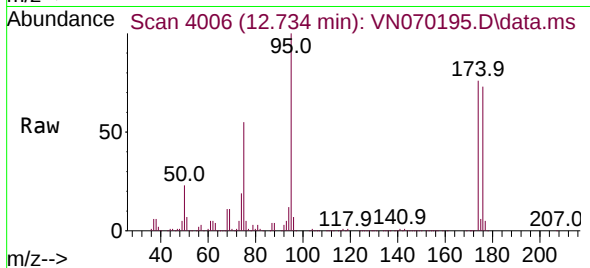
Tgt Ion: 75 Resp: 658015
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



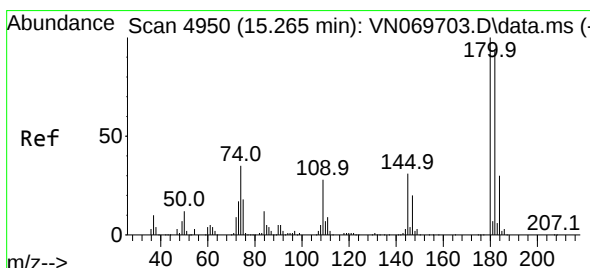
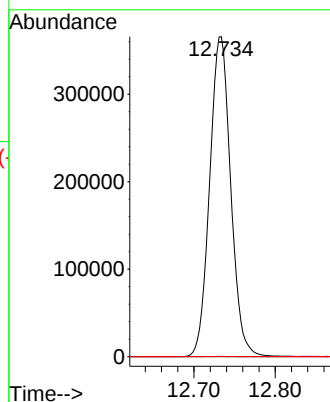
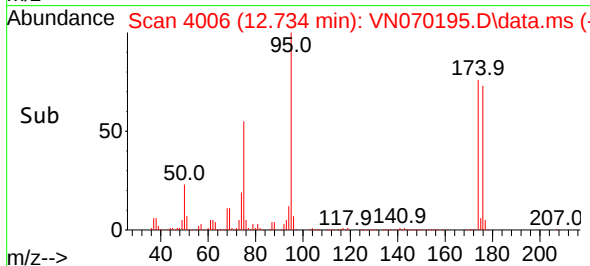


#81
trans-1,4-Dichloro-2-butene
Concen: 75.029 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

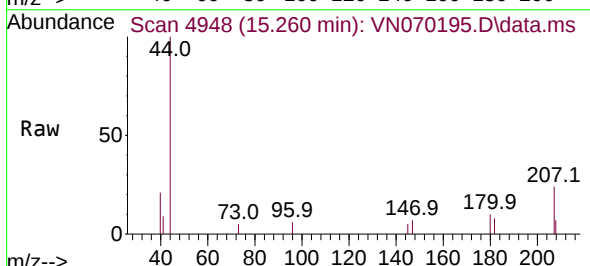
Instrument :
MSVOA_N
ClientSampleId :



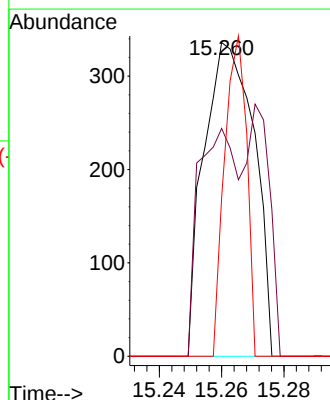
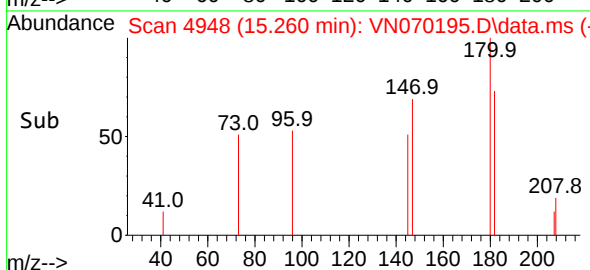
Tgt Ion: 75 Resp: 658015
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

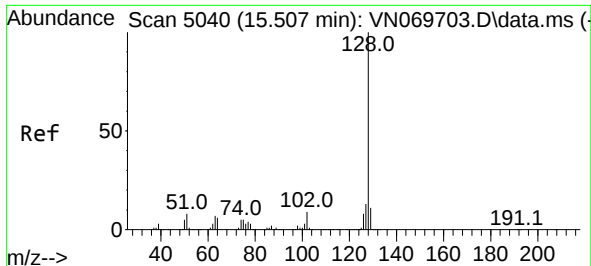


#93
1,2,4-Trichlorobenzene
Concen: 2.900 ug/l
RT: 15.260 min Scan# 4948
Delta R.T. -0.005 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23



Tgt Ion: 180 Resp: 374
Ion Ratio Lower Upper
180 100
182 56.1 48.3 144.9
145 0.0 14.5 43.5#

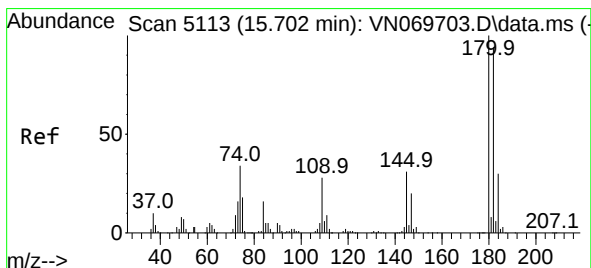
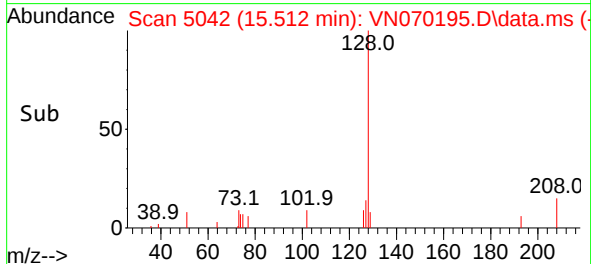
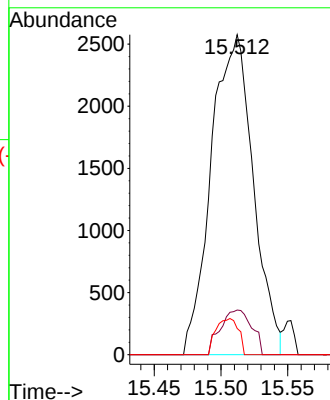
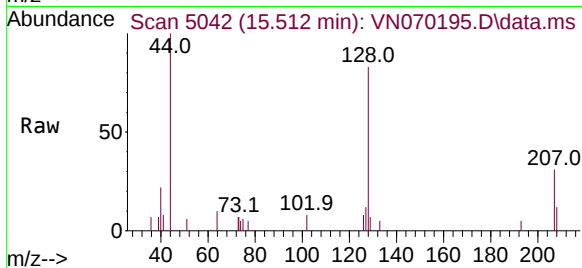




#95
Naphthalene
Concen: 4.094 ug/l
RT: 15.512 min Scan# 5040
Delta R.T. 0.005 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 5628
Ion Ratio Lower Upper
128 100
127 10.4 10.5 15.7#
129 6.0 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 2.454 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070195.D
Acq: 18 Dec 2021 5:23

Tgt Ion:180 Resp: 298
Ion Ratio Lower Upper
180 100
182 52.0 47.4 142.2
145 0.0 15.0 45.1#

