

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
 Data File : VN070575.D
 Acq On : 11 Jan 2022 18:17
 Operator : JC/MD
 Sample : N1102-01 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 12 06:03:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

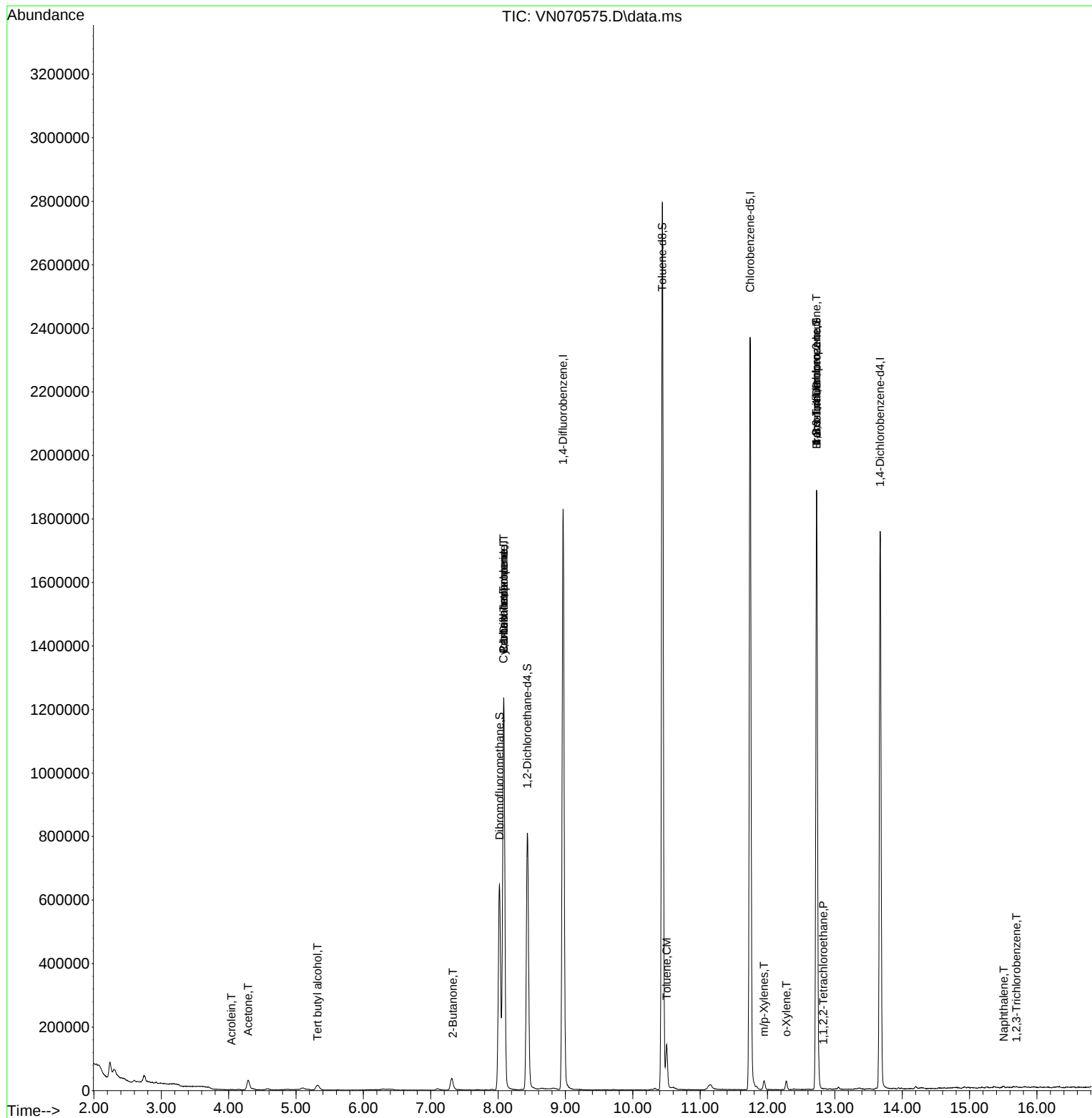
Internal Standards						
1) Pentafluorobenzene	8.083	168	963372	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1617959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1408632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	498810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	683170	49.321	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.640%		
35) Dibromofluoromethane	8.021	113	484914	49.534	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.060%		
50) Toluene-d8	10.438	98	1973325	49.344	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.728	95	707935	49.013	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.020%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.318	59	17285	7.495	ug/l #	72
13) Acrolein	4.041	56	731	0.391	ug/l	96
16) Acetone	4.291	43	53867	5.991	ug/l	95
25) 2-Butanone	7.329	43	4051	0.358	ug/l	90
31) Cyclohexane	8.080	56	21298	0.974	ug/l #	19
36) 1,1-Dichloropropene	8.083	75	76480	4.723	ug/l #	42
38) Carbon Tetrachloride	8.083	117	95009	6.144	ug/l #	16
52) Toluene	10.502	92	53744	1.788	ug/l	99
68) m/p-Xylenes	11.948	106	9681	0.486	ug/l	100
69) o-Xylene	12.280	106	7188	0.363	ug/l	93
71) Bromoform	12.731	173	4960	0.626	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.830	83	167	0.457	ug/l #	25
76) 1,2,3-Trichloropropane	12.728	75	359467	25.745	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	359467	88.047	ug/l #	5
95) Naphthalene	15.507	128	6197	2.060	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.697	180	1146	0.969	ug/l #	75

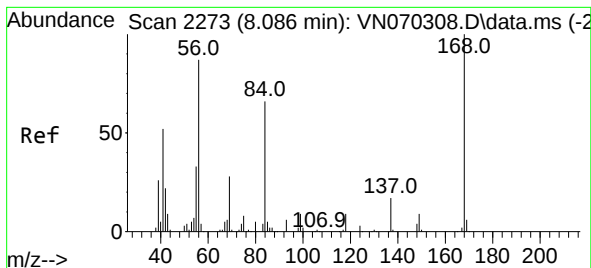
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011122\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070575.D

Acq: 11 Jan 2022 18:17

Instrument :

MSVOA_N

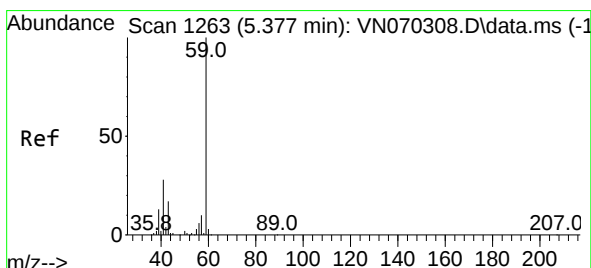
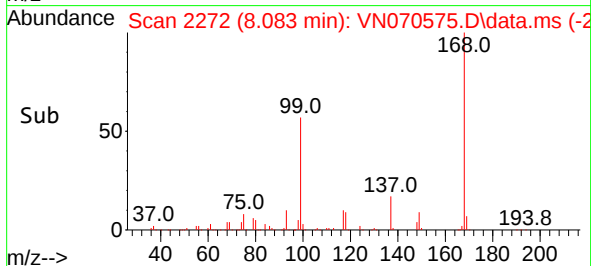
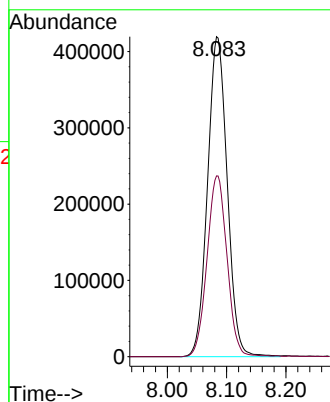
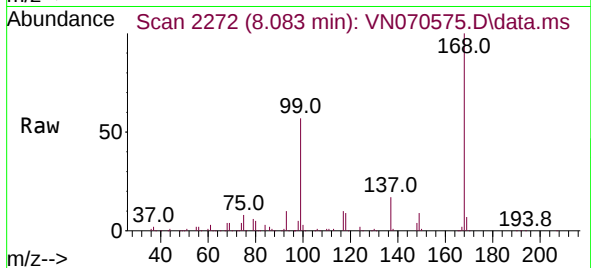
ClientSampleId :

Tgt Ion:168 Resp: 963372

Ion Ratio Lower Upper

168 100

99 56.5 41.3 61.9



#11

Tert butyl alcohol

Concen: 7.495 ug/l

RT: 5.318 min Scan# 1241

Delta R.T. -0.059 min

Lab File: VN070575.D

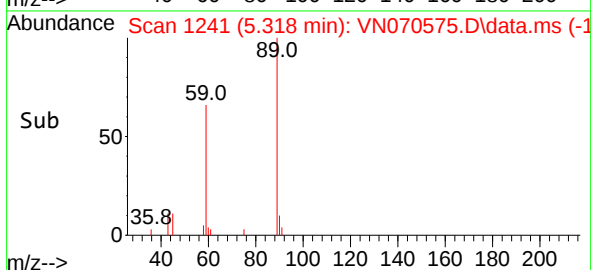
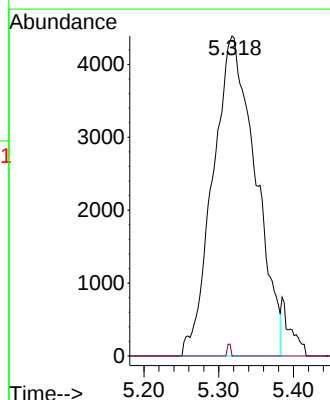
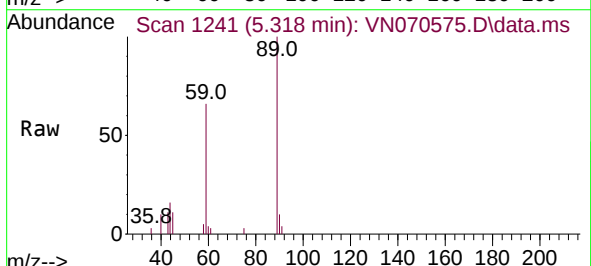
Acq: 11 Jan 2022 18:17

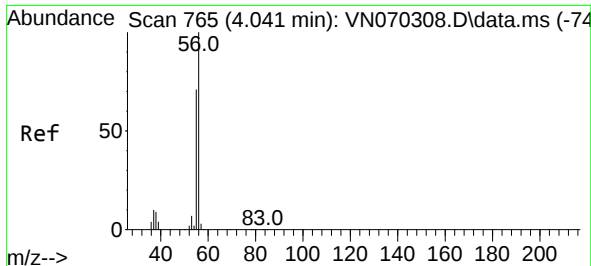
Tgt Ion: 59 Resp: 17285

Ion Ratio Lower Upper

59 100

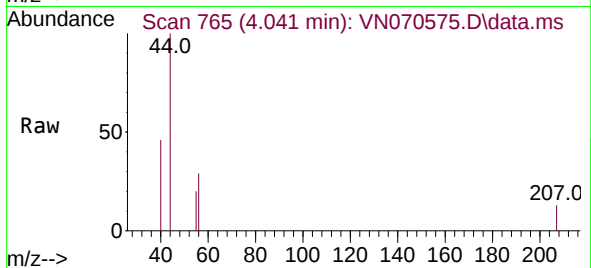
57 0.3 8.7 13.1#



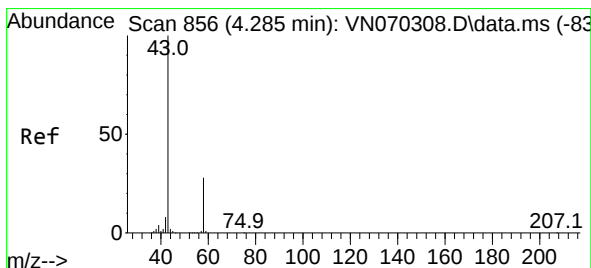
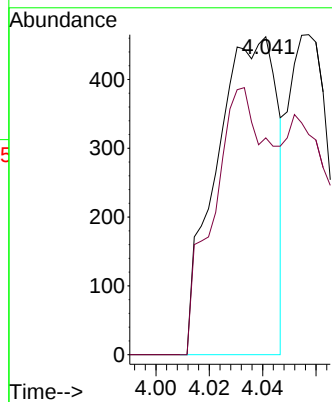
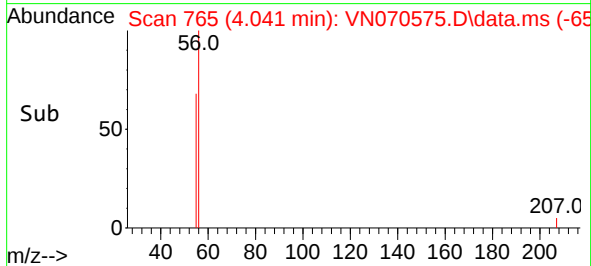


#13
Acrolein
Concen: 0.391 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

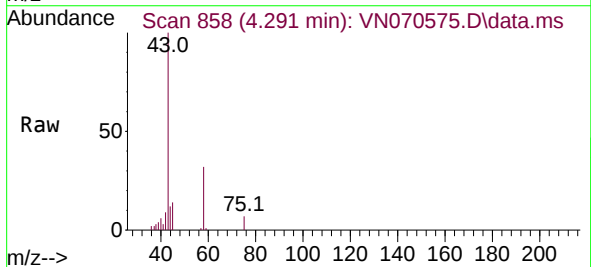
Instrument :
MSVOA_N
ClientSampleId :



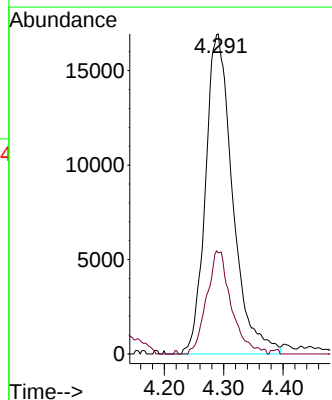
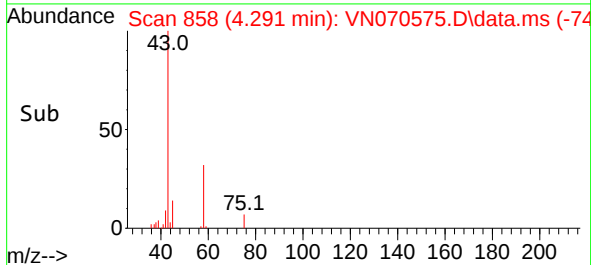
Tgt Ion: 56 Resp: 731
Ion Ratio Lower Upper
56 100
55 74.4 56.6 85.0

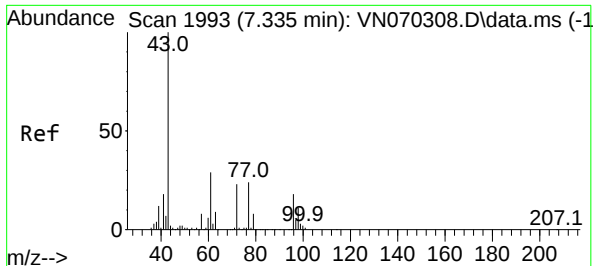


#16
Acetone
Concen: 5.991 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17



Tgt Ion: 43 Resp: 53867
Ion Ratio Lower Upper
43 100
58 31.6 23.1 34.7





#25

2-Butanone

Concen: 0.358 ug/l

RT: 7.329 min Scan# 1993

Delta R.T. -0.006 min

Lab File: VN070575.D

Acq: 11 Jan 2022 18:17

Instrument :

MSVOA_N

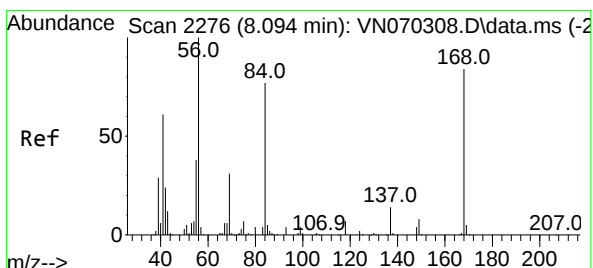
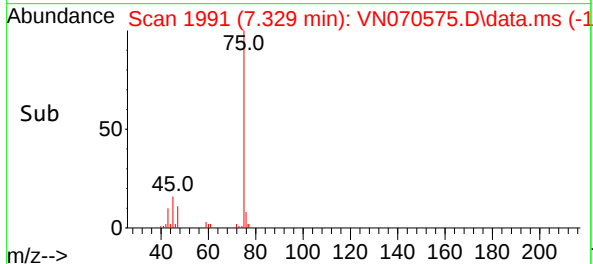
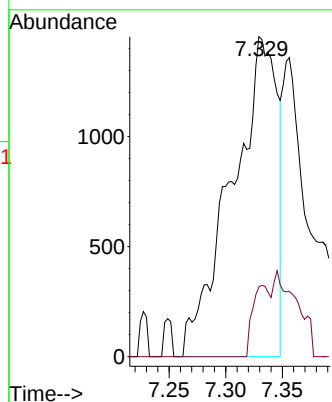
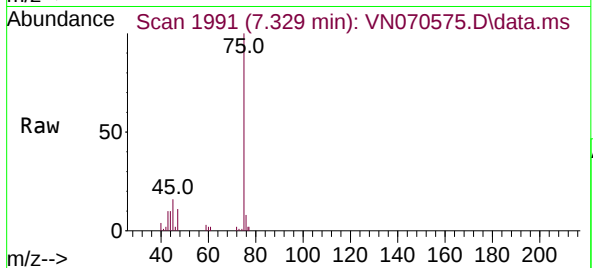
ClientSampleId :

Tgt Ion: 43 Resp: 4051

Ion Ratio Lower Upper

43 100

72 21.8 21.7 32.5



#31

Cyclohexane

Concen: 0.974 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.014 min

Lab File: VN070575.D

Acq: 11 Jan 2022 18:17

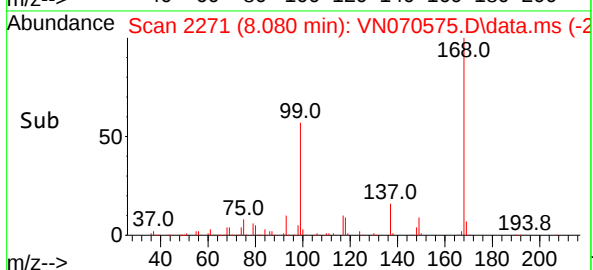
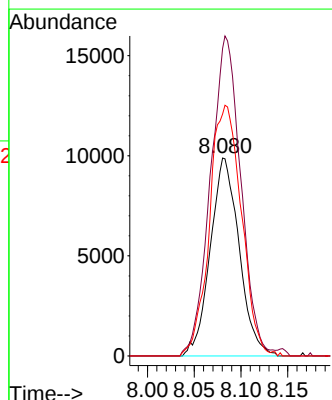
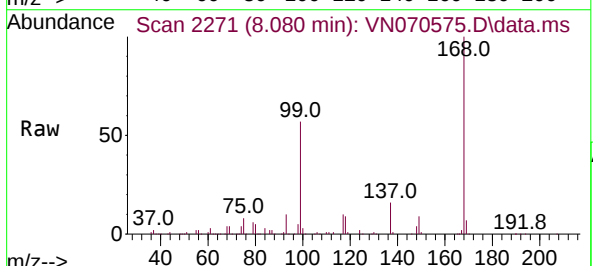
Tgt Ion: 56 Resp: 21298

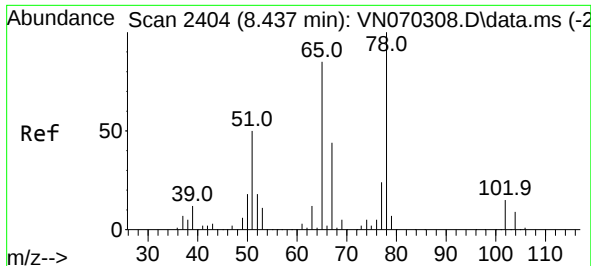
Ion Ratio Lower Upper

56 100

69 155.5 27.1 40.7#

84 122.3 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.321 ug/l

RT: 8.434 min Scan# 24

Delta R.T. -0.003 min

Lab File: VN070575.D

Acq: 11 Jan 2022 18:17

Instrument :

MSVOA_N

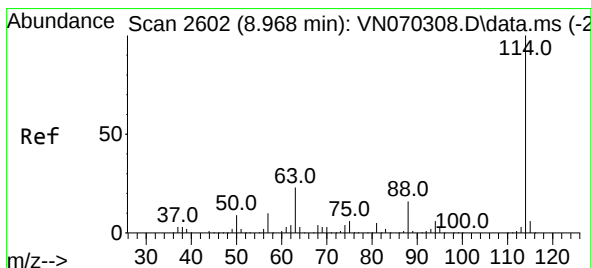
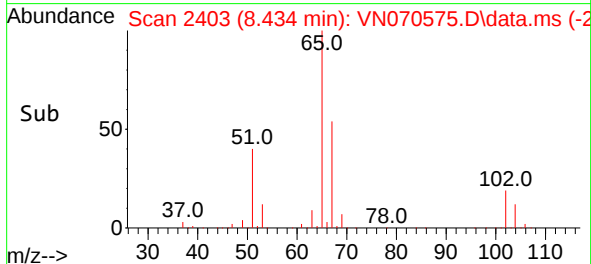
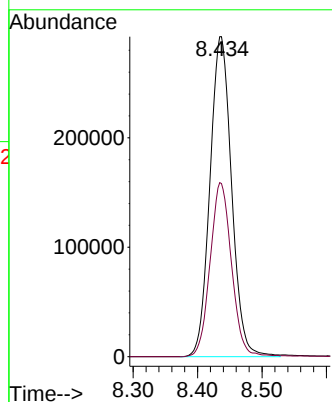
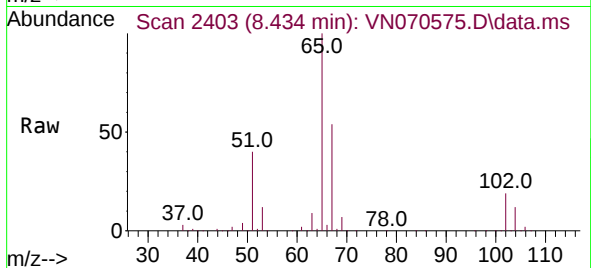
ClientSampleId :

Tgt Ion: 65 Resp: 683170

Ion Ratio Lower Upper

65 100

67 53.6 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070575.D

Acq: 11 Jan 2022 18:17

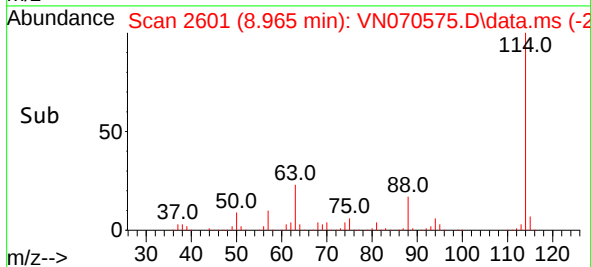
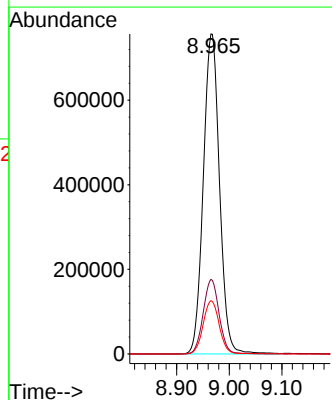
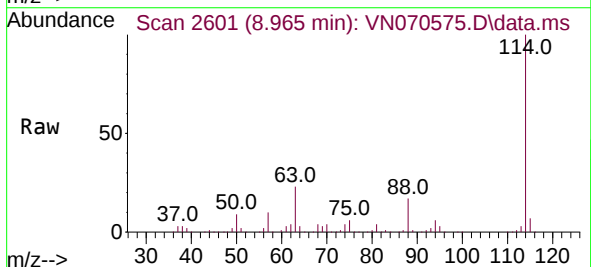
Tgt Ion: 114 Resp: 1617959

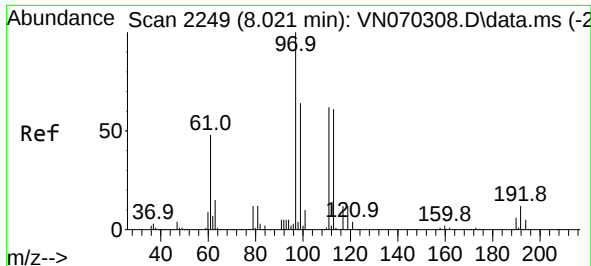
Ion Ratio Lower Upper

114 100

63 23.3 0.0 37.8

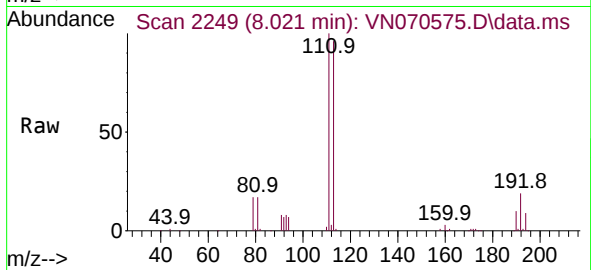
88 16.7 0.0 27.4



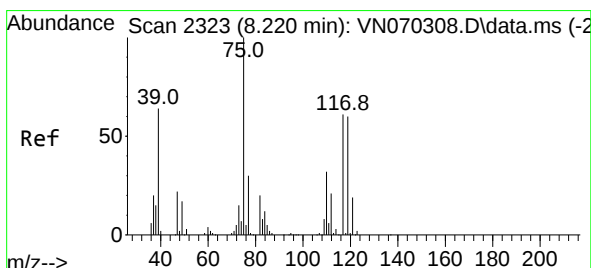
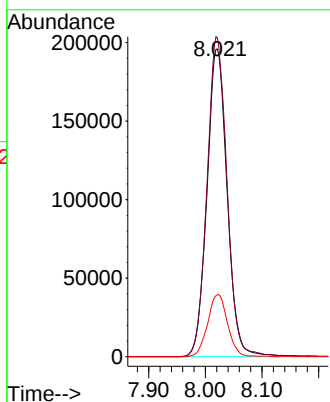
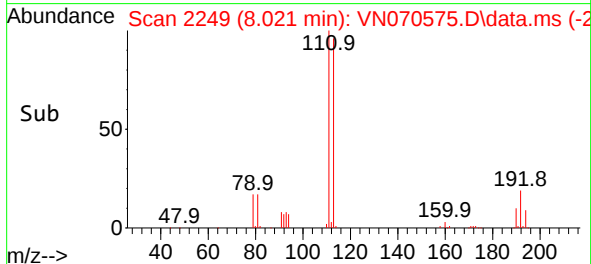


#35
 Dibromofluoromethane
 Concen: 49.534 ug/l
 RT: 8.021 min Scan# 2249
 Delta R.T. 0.000 min
 Lab File: VN070575.D
 Acq: 11 Jan 2022 18:17

Instrument :
 MSVOA_N
 ClientSampleId :

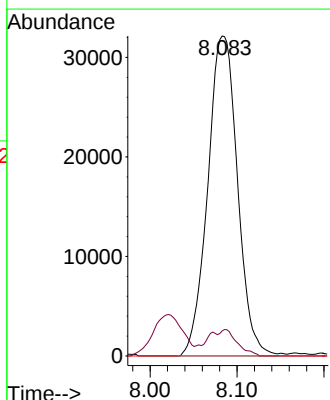
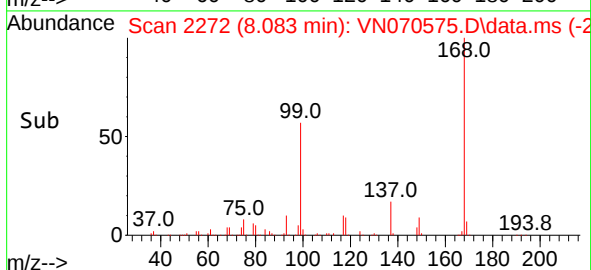
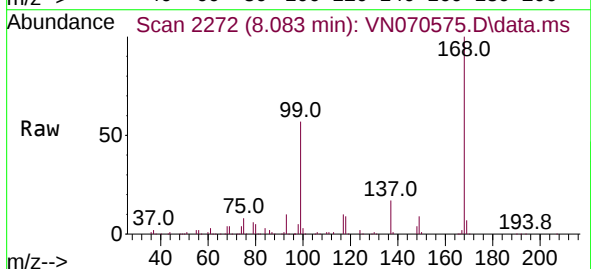


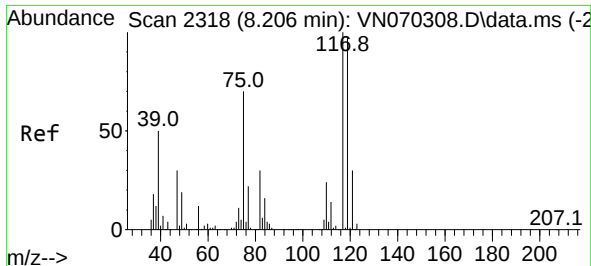
Tgt Ion: 113 Resp: 484914
 Ion Ratio Lower Upper
 113 100
 111 103.4 82.2 123.2
 192 20.0 16.9 25.3



#36
 1,1-Dichloropropene
 Concen: 4.723 ug/l
 RT: 8.083 min Scan# 2272
 Delta R.T. -0.137 min
 Lab File: VN070575.D
 Acq: 11 Jan 2022 18:17

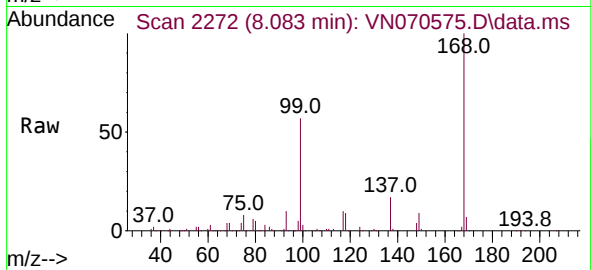
Tgt Ion: 75 Resp: 76480
 Ion Ratio Lower Upper
 75 100
 110 1.3 18.4 55.2#
 77 0.0 24.4 36.6#



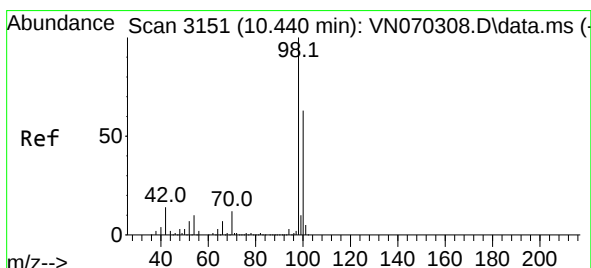
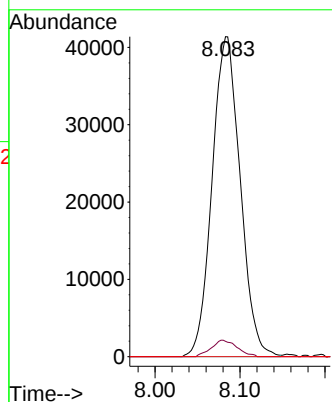
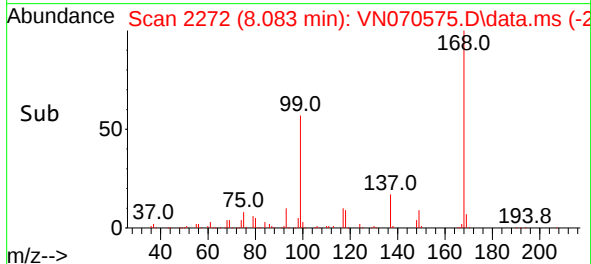


#38
Carbon Tetrachloride
Concen: 6.144 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

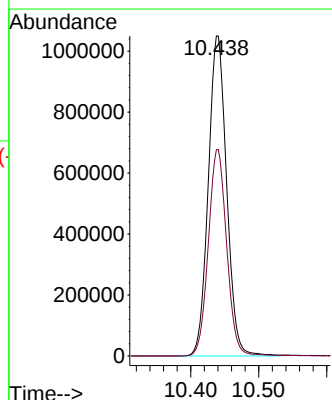
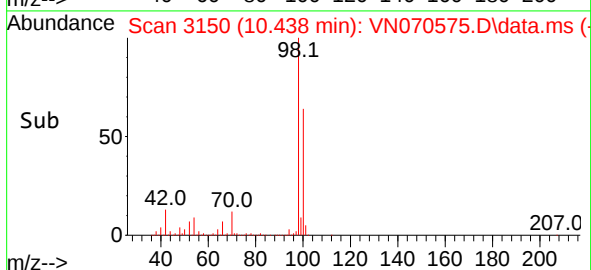
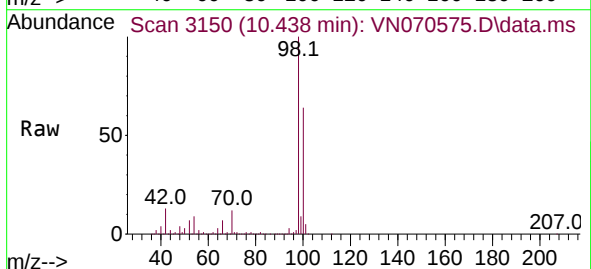


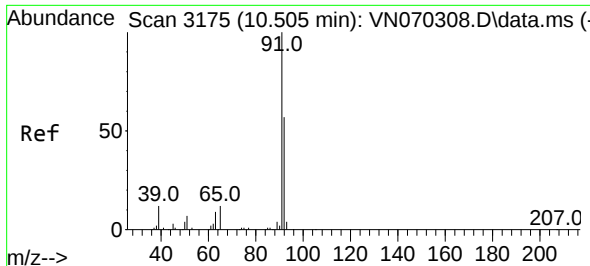
Tgt Ion:117 Resp: 95009
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.344 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.002 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion: 98 Resp: 1973325
Ion Ratio Lower Upper
98 100
100 64.4 50.4 75.6

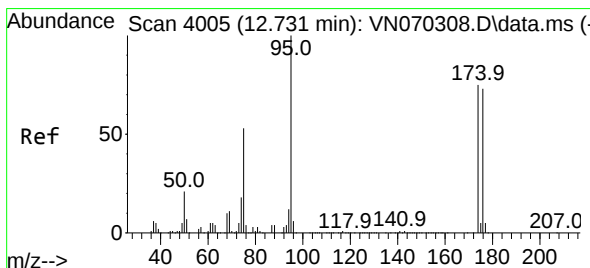
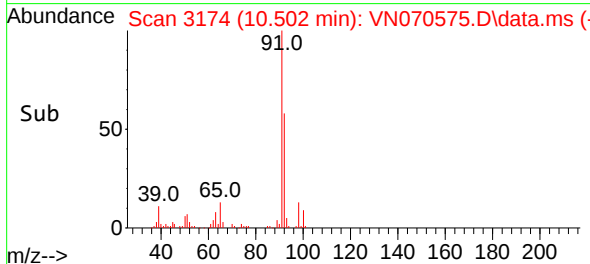
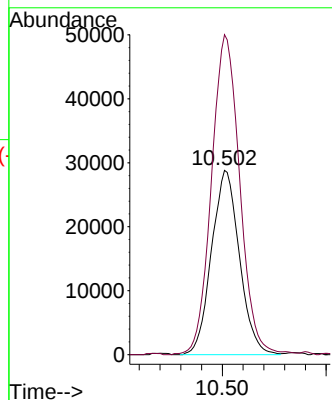
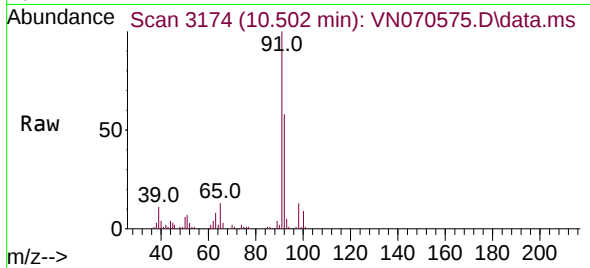




#52
Toluene
Concen: 1.788 ug/l
RT: 10.502 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

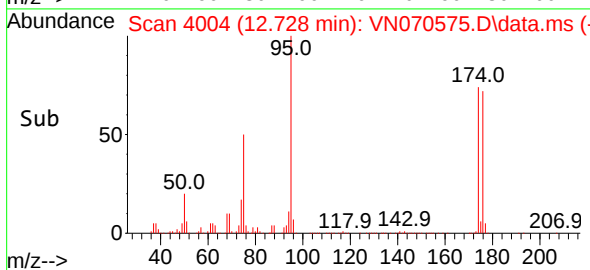
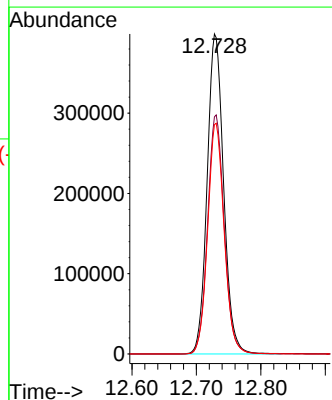
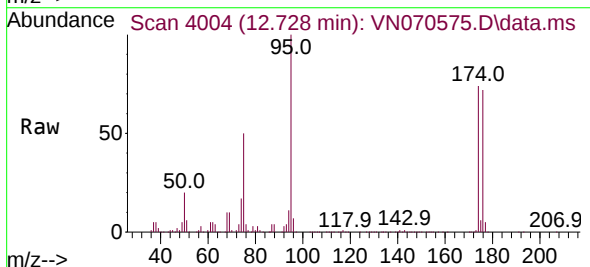
Instrument :
MSVOA_N
ClientSampleId :

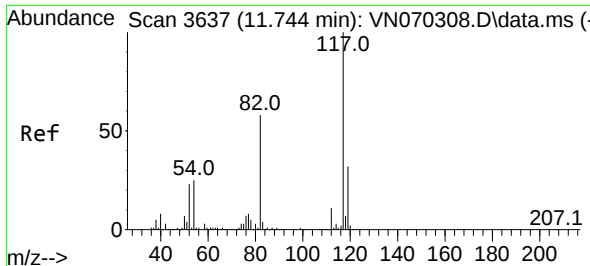
Tgt Ion: 92 Resp: 53744
Ion Ratio Lower Upper
92 100
91 176.2 142.0 213.0



#62
4-Bromofluorobenzene
Concen: 49.013 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

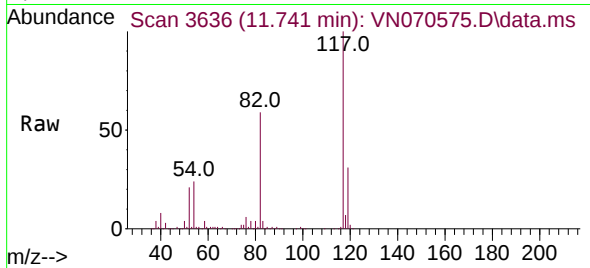
Tgt Ion: 95 Resp: 707935
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 72.2 0.0 181.4



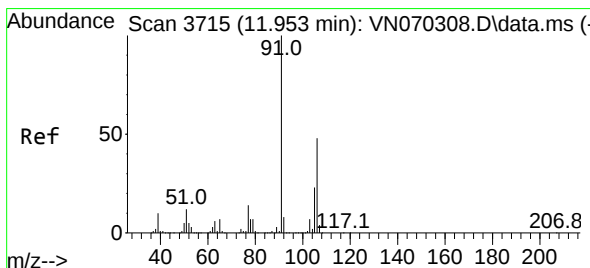
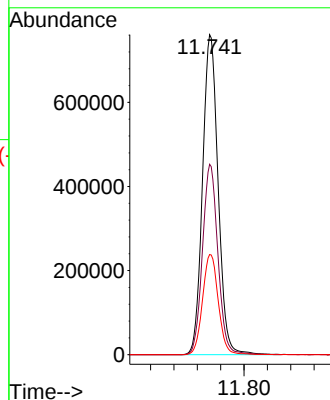
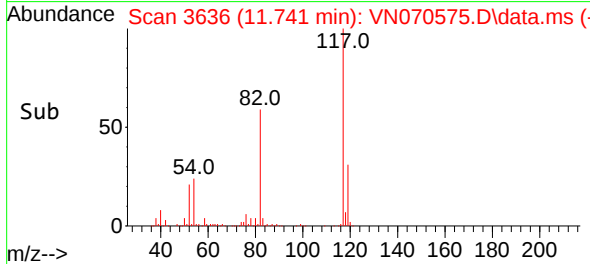


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

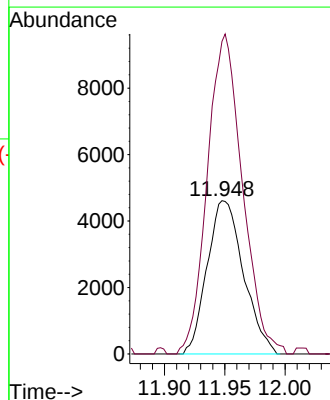
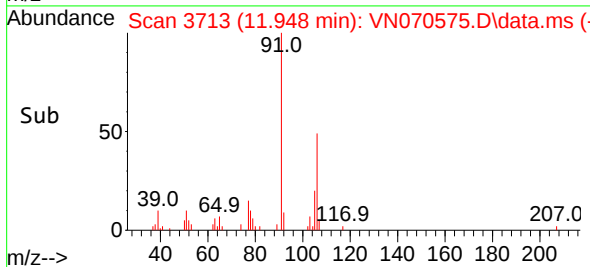
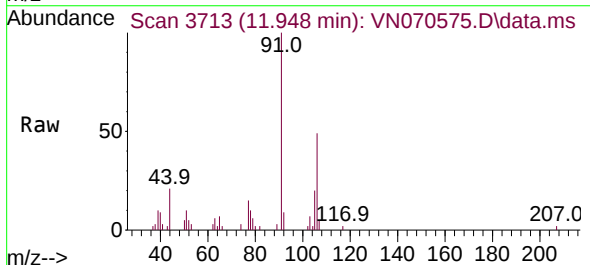


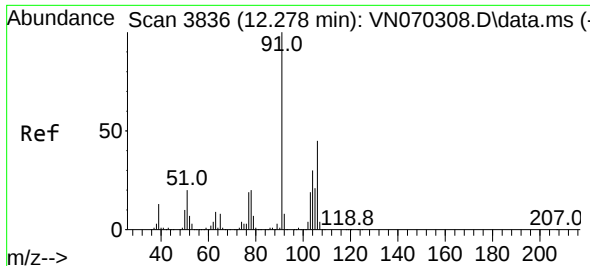
Tgt Ion:117 Resp: 1408632
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.486 ug/l
RT: 11.948 min Scan# 3713
Delta R.T. -0.005 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion:106 Resp: 9681
Ion Ratio Lower Upper
106 100
91 201.3 160.6 240.8

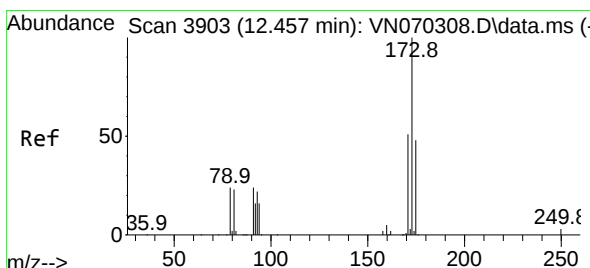
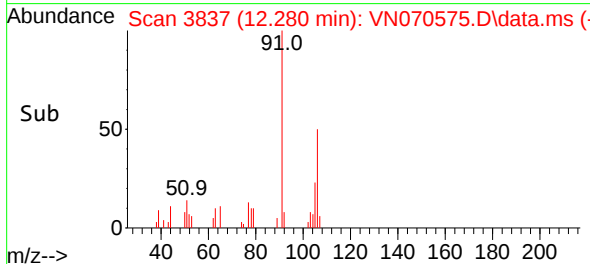
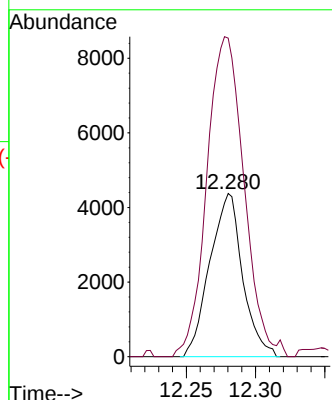
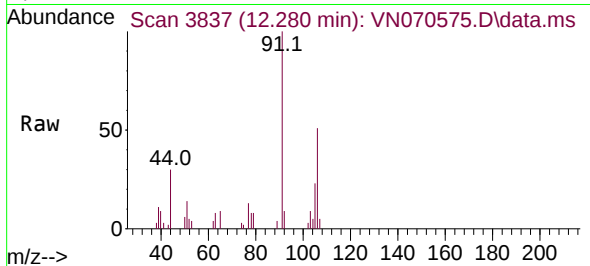




#69
o-Xylene
Concen: 0.363 ug/l
RT: 12.280 min Scan# 31
Delta R.T. 0.002 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

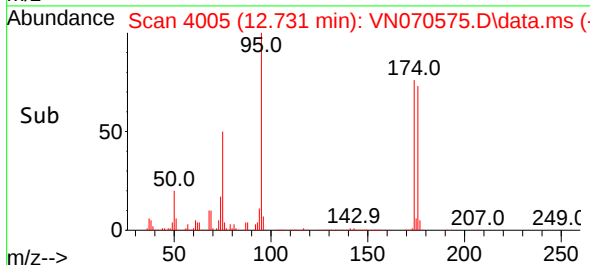
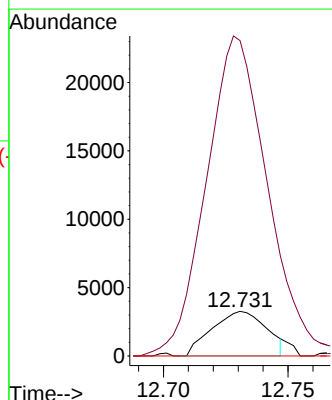
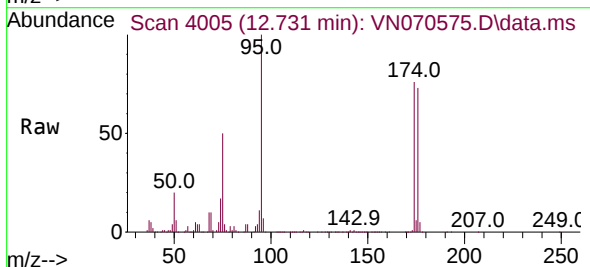
Instrument :
MSVOA_N
ClientSampleId :

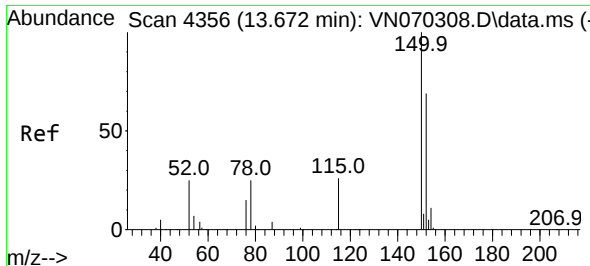
Tgt Ion:106 Resp: 7188
Ion Ratio Lower Upper
106 100
91 222.9 105.8 317.3



#71
Bromoform
Concen: 0.626 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

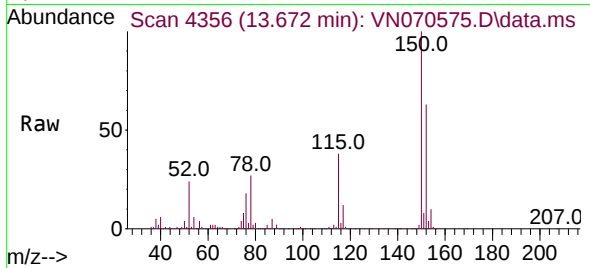
Tgt Ion:173 Resp: 4960
Ion Ratio Lower Upper
173 100
175 747.2 24.2 72.6#
254 0.0 0.0 0.0



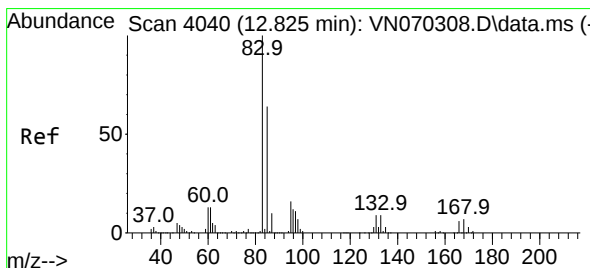
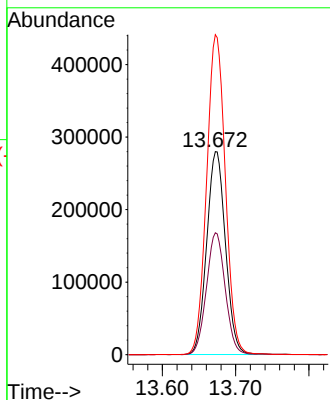
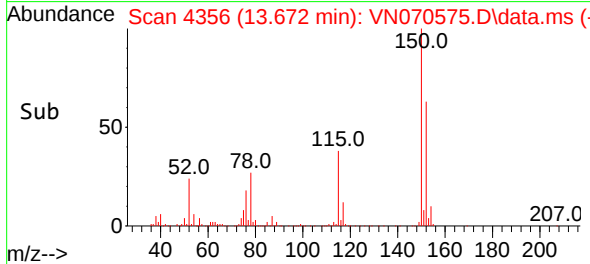


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.672 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070575.D
 Acq: 11 Jan 2022 18:17

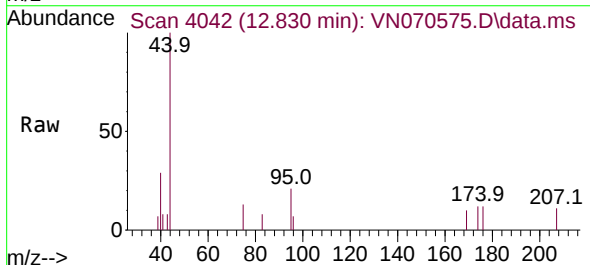
Instrument :
 MSVOA_N
 ClientSampleId :



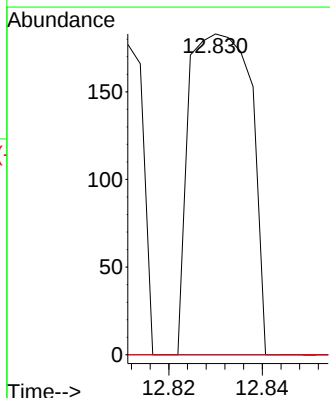
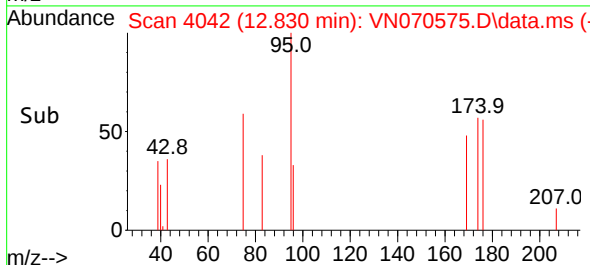
Tgt Ion:152 Resp: 498810
 Ion Ratio Lower Upper
 152 100
 115 60.1 27.5 82.5
 150 157.1 0.0 344.4

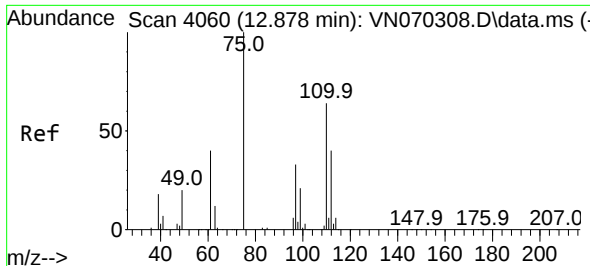


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.457 ug/l
 RT: 12.830 min Scan# 4042
 Delta R.T. 0.005 min
 Lab File: VN070575.D
 Acq: 11 Jan 2022 18:17



Tgt Ion: 83 Resp: 167
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#

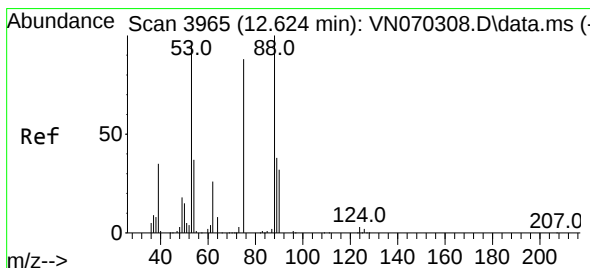
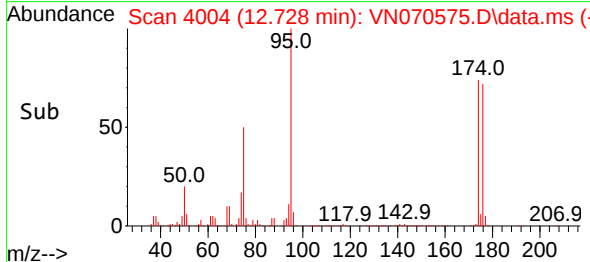
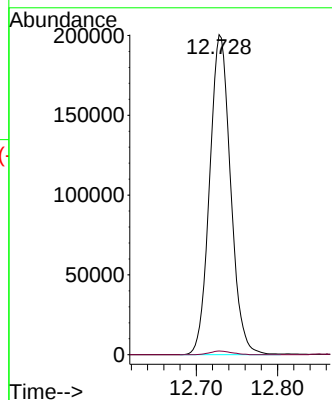
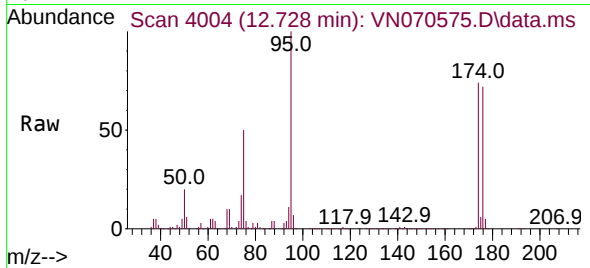




#76
1,2,3-Trichloropropane
Concen: 25.745 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

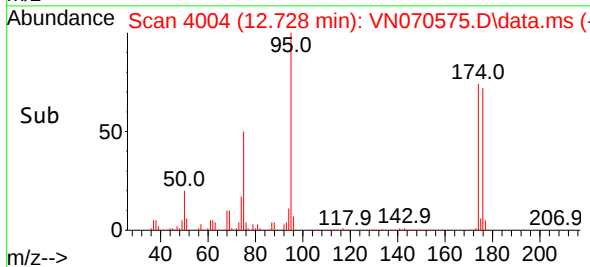
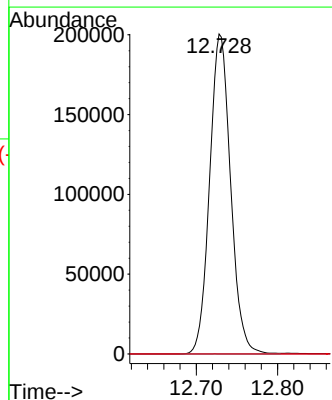
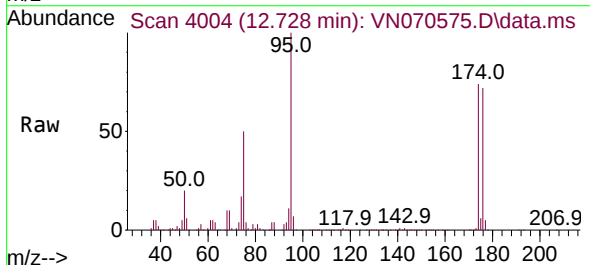
Instrument :
MSVOA_N
ClientSampleId :

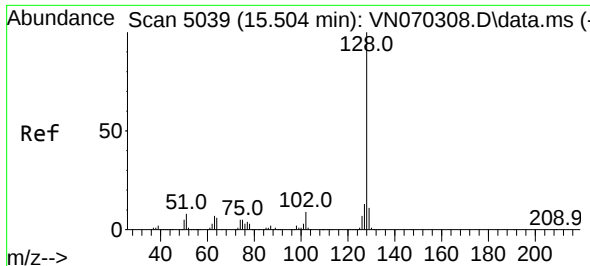
Tgt Ion: 75 Resp: 359467
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.047 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion: 75 Resp: 359467
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

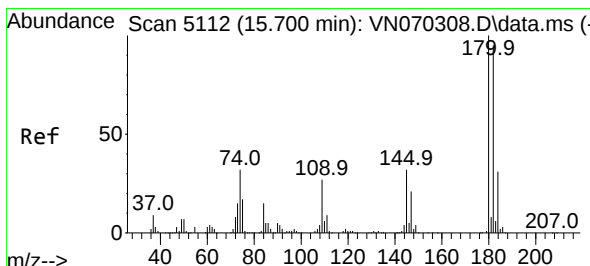
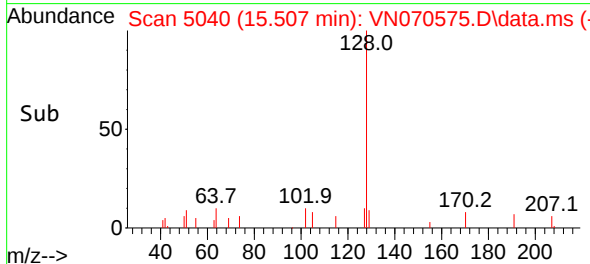
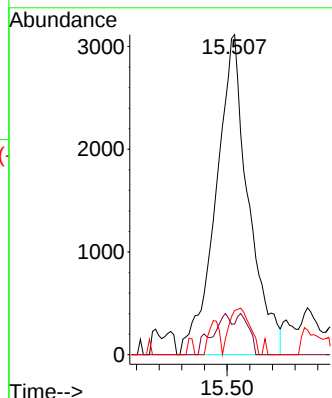
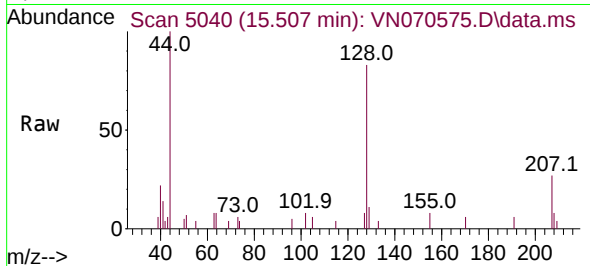




#95
Naphthalene
Concen: 2.060 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6197
Ion Ratio Lower Upper
128 100
127 4.8 10.5 15.7#
129 9.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 0.969 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070575.D
Acq: 11 Jan 2022 18:17

Tgt Ion:180 Resp: 1146
Ion Ratio Lower Upper
180 100
182 72.3 47.4 142.2
145 46.5 15.0 45.1#

