

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070477.D
 Acq On : 4 Jan 2022 20:56
 Operator : JC/MD
 Sample : N1012-06
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:22:39 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

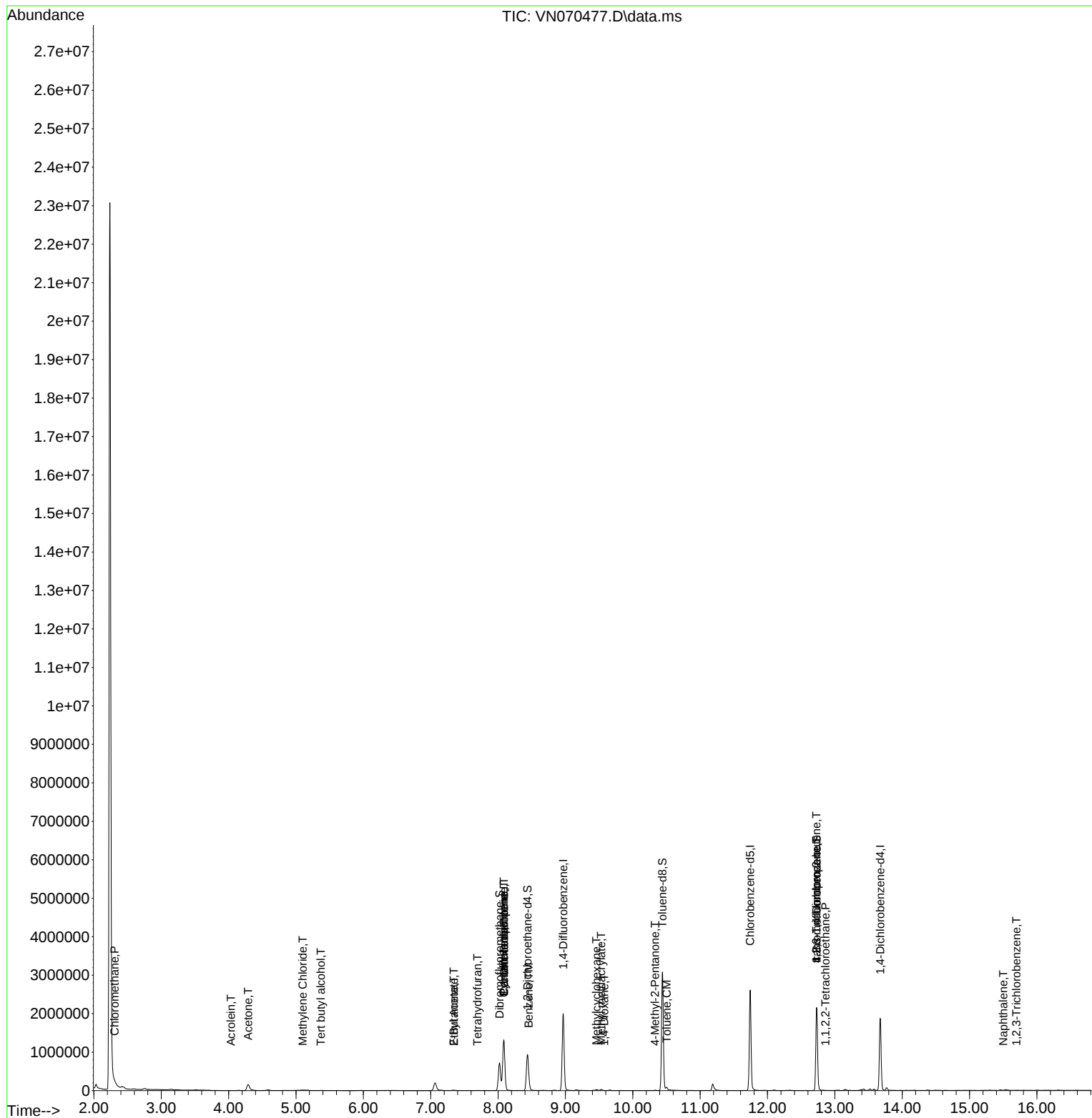
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	1006814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1706685	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1503054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	532292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	774537	53.505	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.000%	
35) Dibromofluoromethane	8.021	113	532737	51.590	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.180%	
50) Toluene-d8	10.440	98	2173253	51.518	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.040%	
62) 4-Bromofluorobenzene	12.731	95	796730	52.293	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.580%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	5885	0.379	ug/l	93
11) Tert butyl alcohol	5.369	59	932	0.387	ug/l #	65
13) Acrolein	4.033	56	467	0.239	ug/l	91
16) Acetone	4.291	43	300299	31.956	ug/l	100
20) Methylene Chloride	5.098	84	2978	0.229	ug/l #	87
25) 2-Butanone	7.343	43	22882	1.934	ug/l #	85
29) Tetrahydrofuran	7.694	42	3996	0.566	ug/l #	79
31) Cyclohexane	8.088	56	32054	1.403	ug/l #	36
36) 1,1-Dichloropropene	8.086	75	80639	4.721	ug/l #	48
37) Ethyl Acetate	7.343	43	22882	1.033	ug/l #	69
38) Carbon Tetrachloride	8.086	117	98026	6.010	ug/l #	16
39) Methylcyclohexane	9.459	83	7924	0.383	ug/l #	84
40) Benzene	8.456	78	57339	1.095	ug/l	99
48) Methyl methacrylate	9.531	41	8660	0.520	ug/l #	35
49) 1,4-Dioxane	9.577	88	54	0.222	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	9234	0.421	ug/l	95
52) Toluene	10.502	92	27709	0.874	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.860	83	973	0.501	ug/l #	25
76) 1,2,3-Trichloropropane	12.728	75	411465	27.417	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	411465	94.443	ug/l #	5
95) Naphthalene	15.501	128	6266	2.046	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.694	180	187	0.848	ug/l #	3

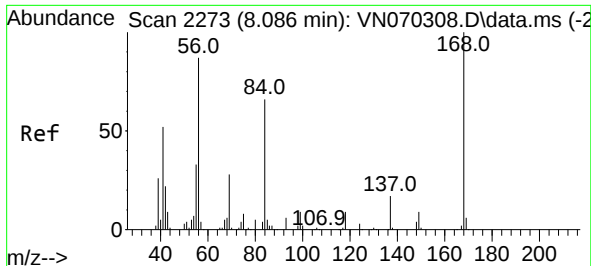
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
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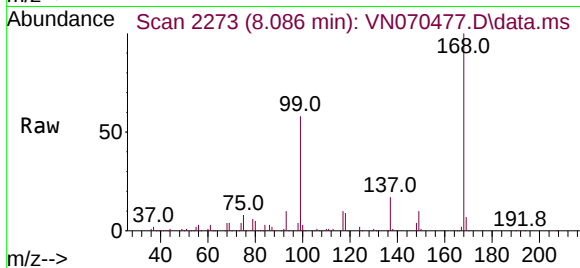
Quant Time: Jan 05 03:22:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



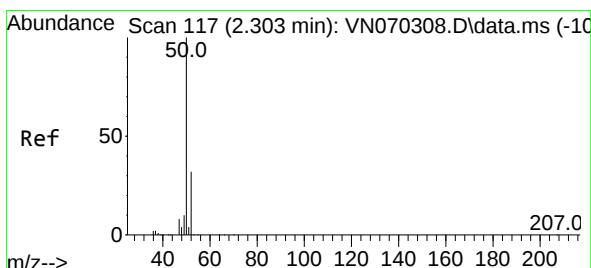
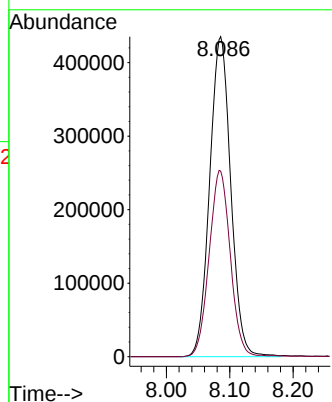
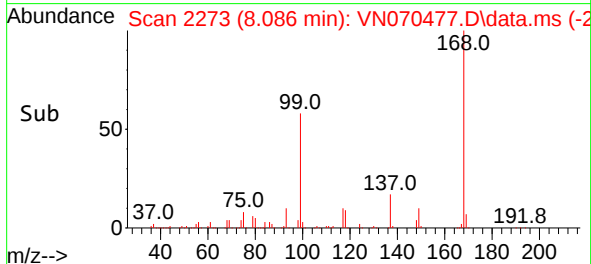


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :

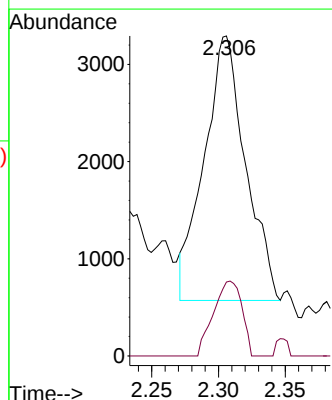
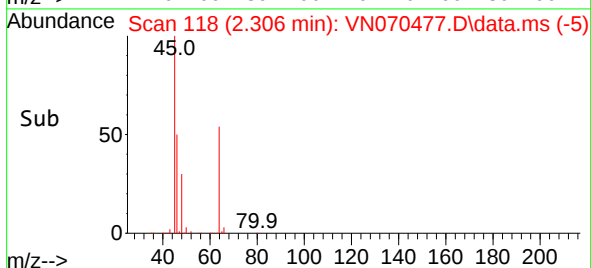
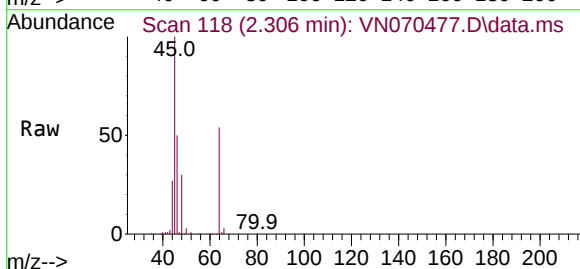


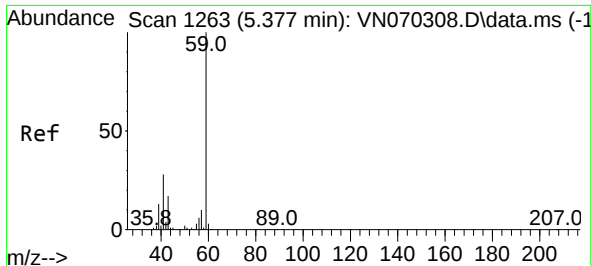
Tgt Ion:168 Resp: 1006814
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#3
Chloromethane
Concen: 0.379 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion: 50 Resp: 5885
Ion Ratio Lower Upper
50 100
52 27.9 25.4 38.0





#11

Tert butyl alcohol

Concen: 0.387 ug/l

RT: 5.369 min Scan# 11

Delta R.T. -0.008 min

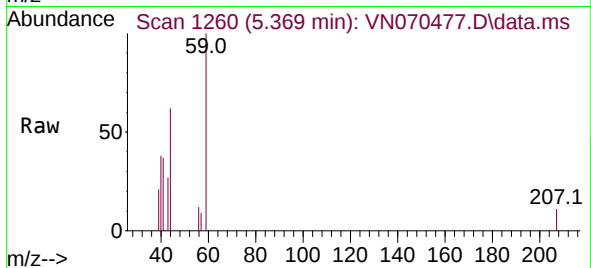
Lab File: VN070477.D

Acq: 4 Jan 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

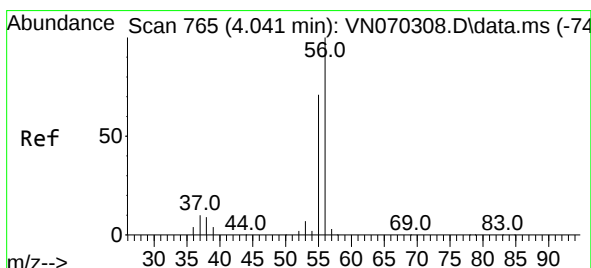
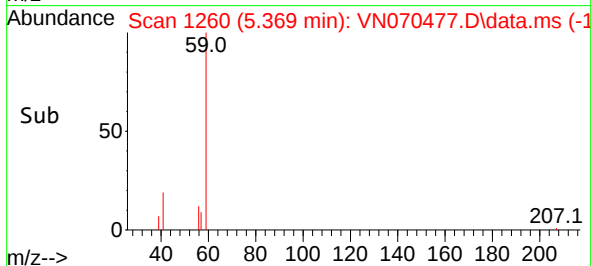
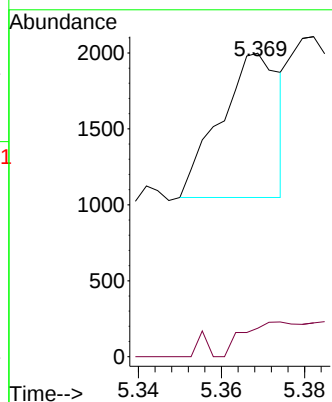


Tgt Ion: 59 Resp: 932

Ion Ratio Lower Upper

59 100

57 24.0 8.7 13.1#



#13

Acrolein

Concen: 0.239 ug/l

RT: 4.033 min Scan# 762

Delta R.T. -0.008 min

Lab File: VN070477.D

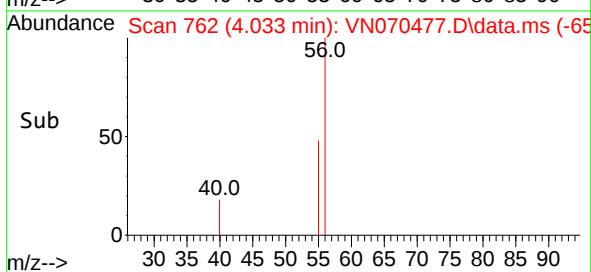
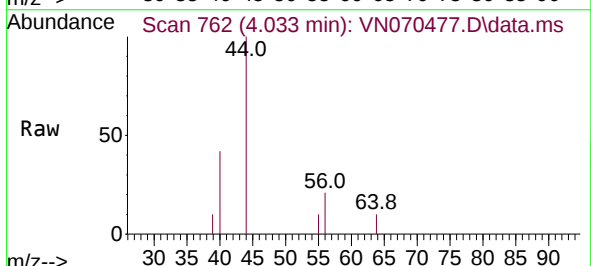
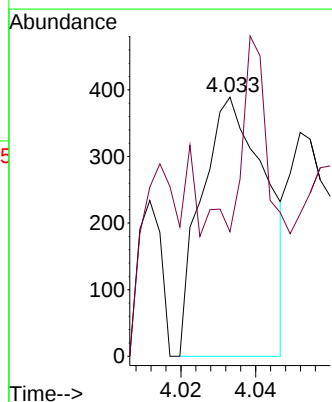
Acq: 4 Jan 2022 20:56

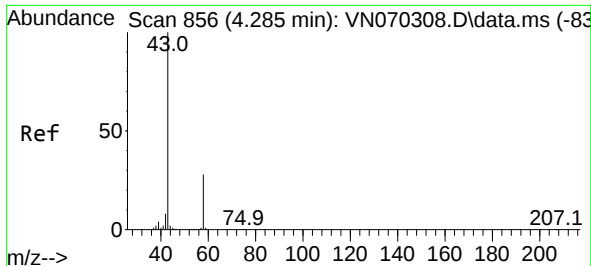
Tgt Ion: 56 Resp: 467

Ion Ratio Lower Upper

56 100

55 63.2 56.6 85.0

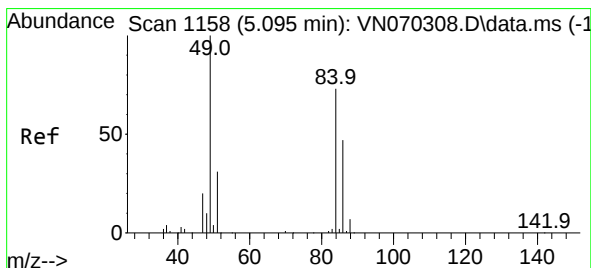
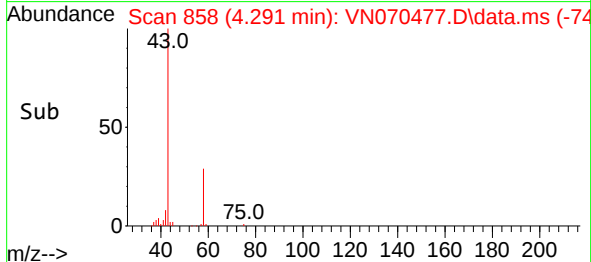
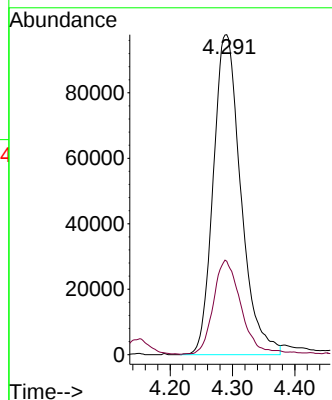
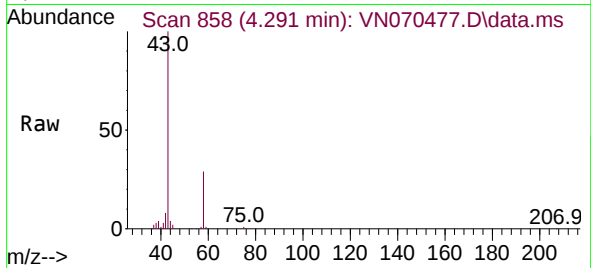




#16
Acetone
Concen: 31.956 ug/l
RT: 4.291 min Scan# 856
Delta R.T. 0.006 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

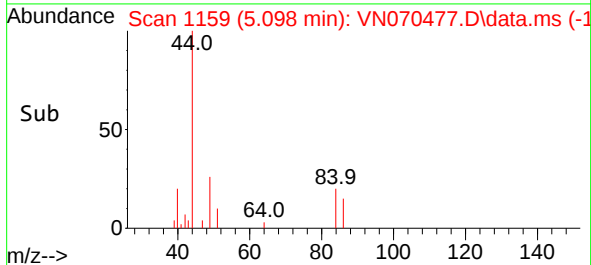
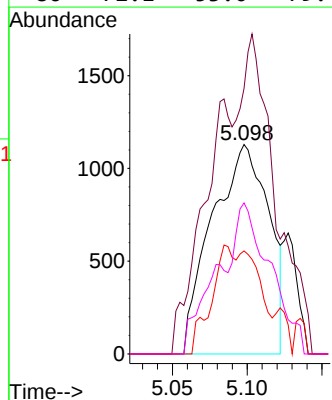
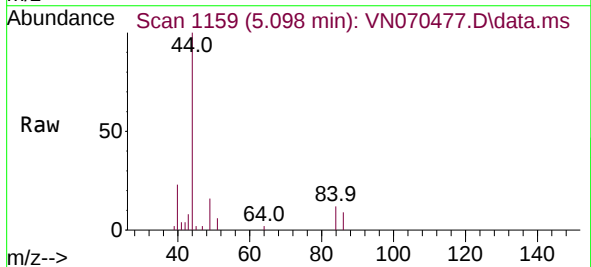
Instrument :
MSVOA_N
ClientSampleId :

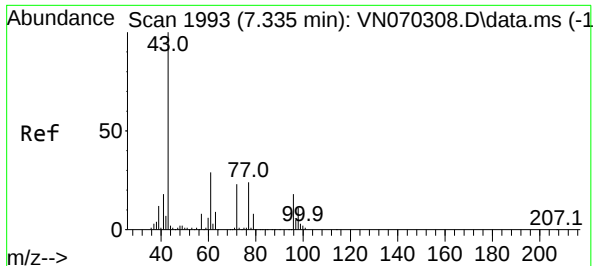
Tgt Ion: 43 Resp: 300299
Ion Ratio Lower Upper
43 100
58 29.0 23.1 34.7



#20
Methylene Chloride
Concen: 0.229 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion: 84 Resp: 2978
Ion Ratio Lower Upper
84 100
49 102.2 93.5 140.3
51 49.2 29.4 44.2#
86 72.1 53.0 79.4





#25

2-Butanone

Concen: 1.934 ug/l

RT: 7.343 min Scan# 1993

Delta R.T. 0.008 min

Lab File: VN070477.D

Acq: 4 Jan 2022 20:56

Instrument :

MSVOA_N

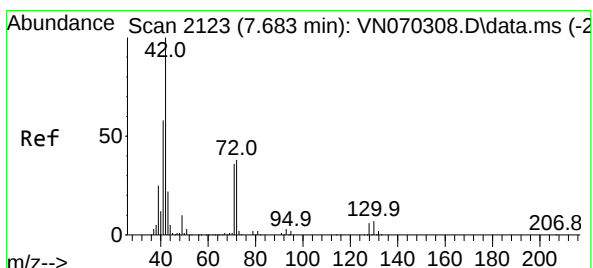
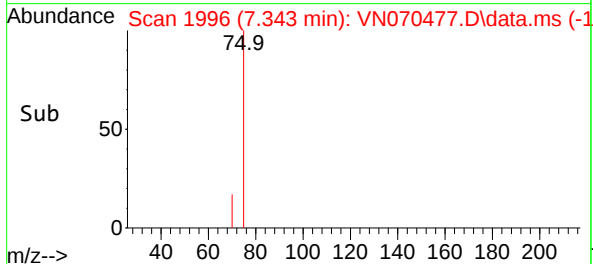
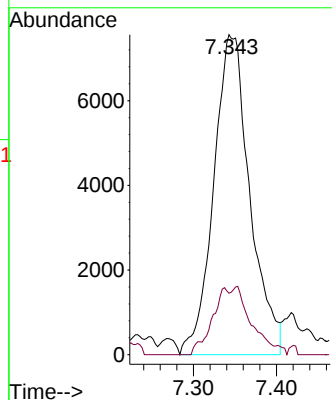
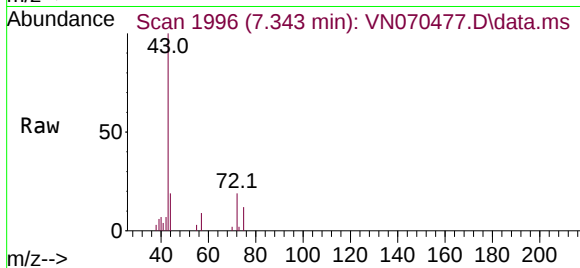
ClientSampleId :

Tgt Ion: 43 Resp: 22882

Ion Ratio Lower Upper

43 100

72 19.2 21.7 32.5#



#29

Tetrahydrofuran

Concen: 0.566 ug/l

RT: 7.694 min Scan# 2127

Delta R.T. 0.011 min

Lab File: VN070477.D

Acq: 4 Jan 2022 20:56

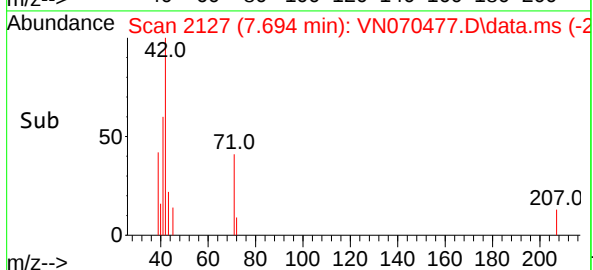
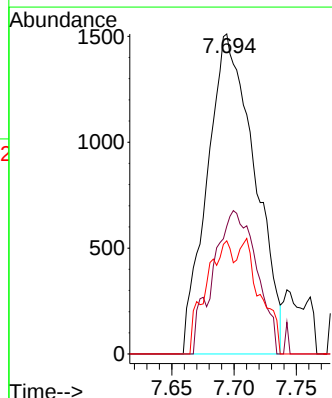
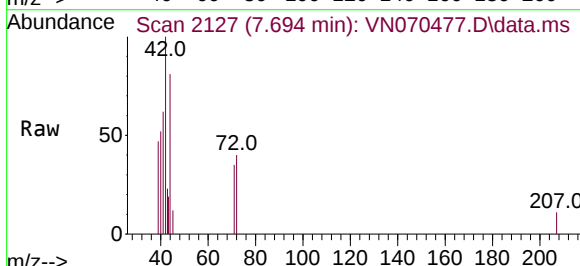
Tgt Ion: 42 Resp: 3996

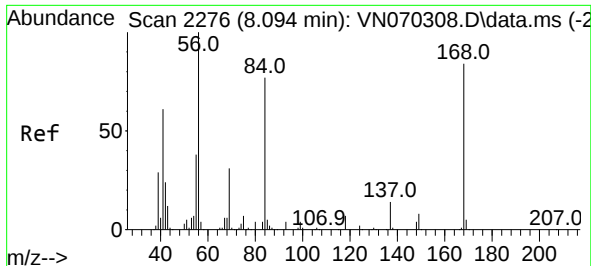
Ion Ratio Lower Upper

42 100

72 41.3 36.3 54.5

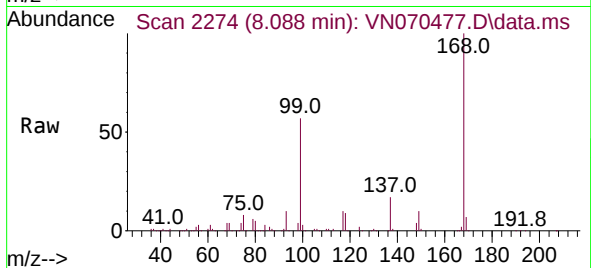
71 20.1 34.7 52.1#



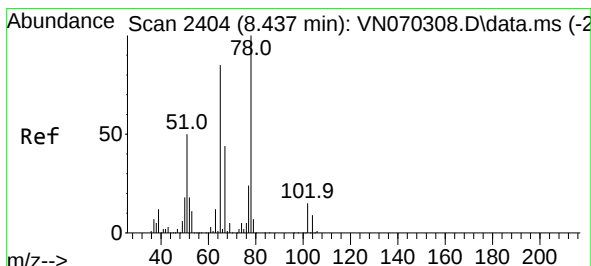
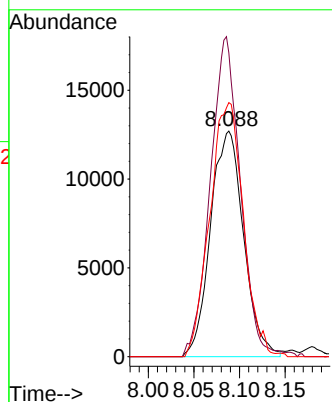
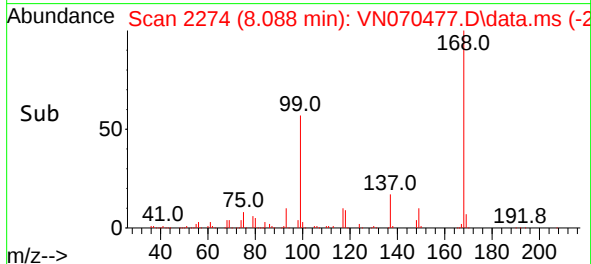


#31
Cyclohexane
Concen: 1.403 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :

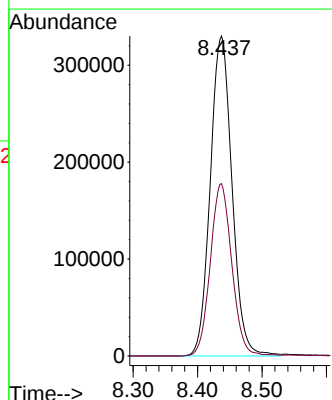
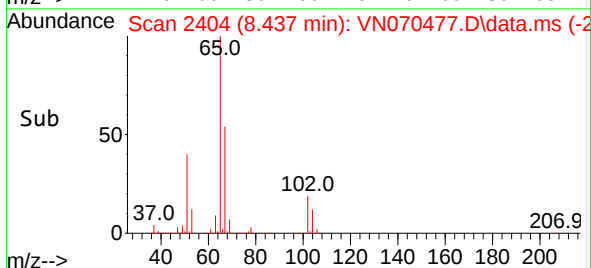
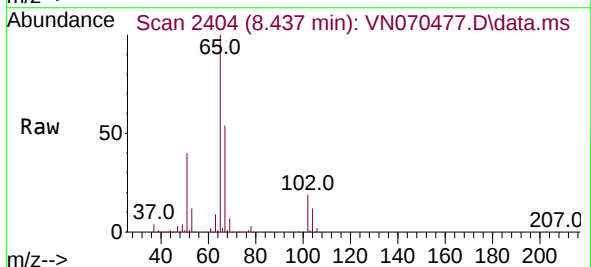


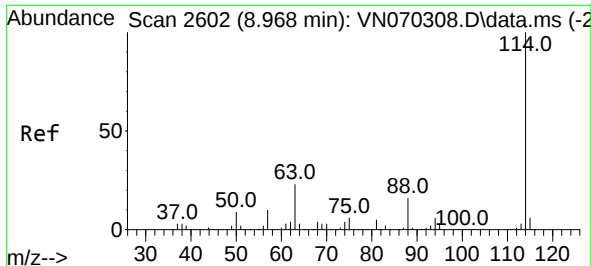
Tgt Ion: 56 Resp: 32054
Ion Ratio Lower Upper
56 100
69 134.6 27.1 40.7#
84 112.6 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 53.505 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. -0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion: 65 Resp: 774537
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

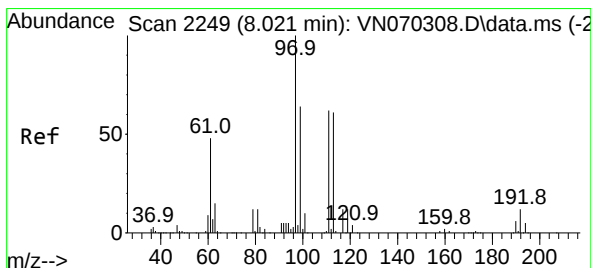
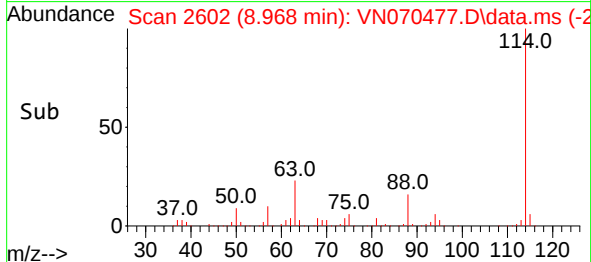
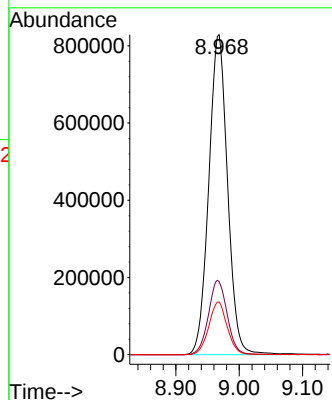
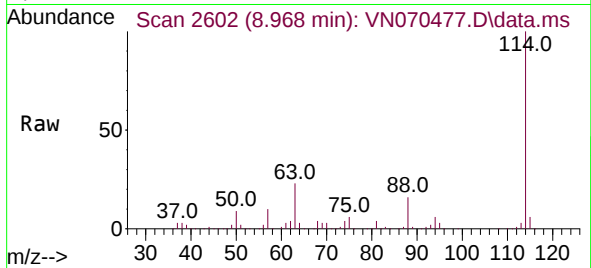




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

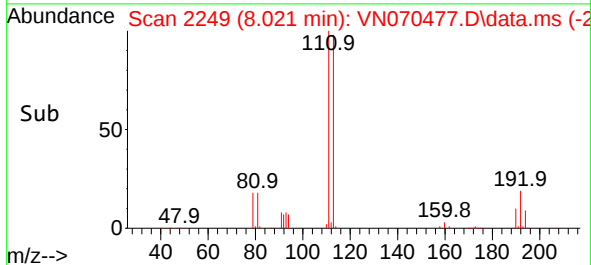
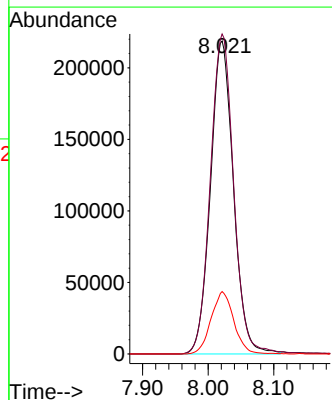
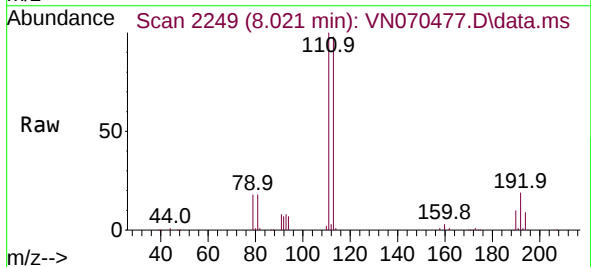
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MSVOA_N
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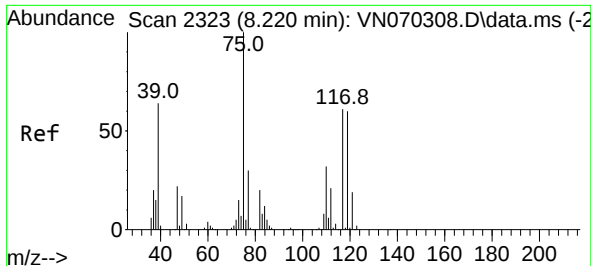
Tgt Ion:114 Resp: 1706685
Ion Ratio Lower Upper
114 100
63 22.8 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 51.590 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

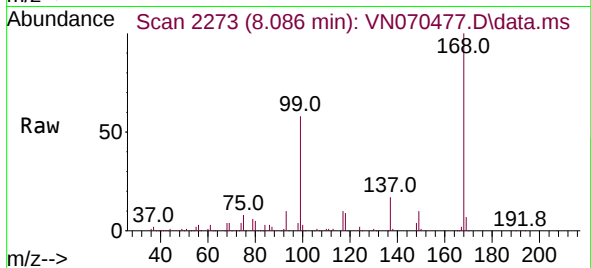
Tgt Ion:113 Resp: 532737
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.2
192 19.7 16.9 25.3



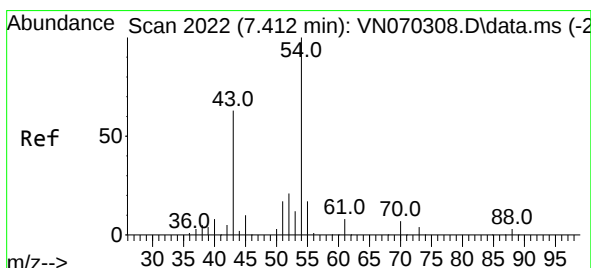
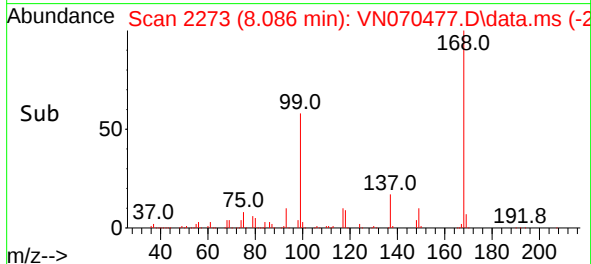
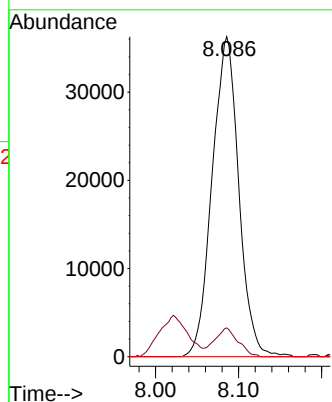


#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070477.D
 Acq: 4 Jan 2022 20:56

Instrument :
 MSVOA_N
 ClientSampleId :

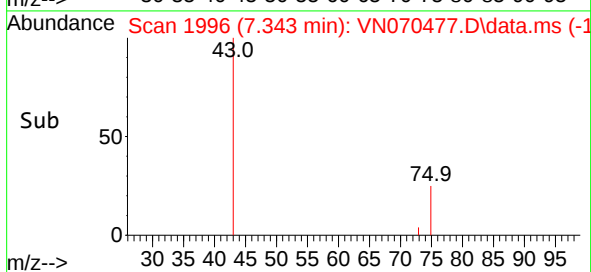
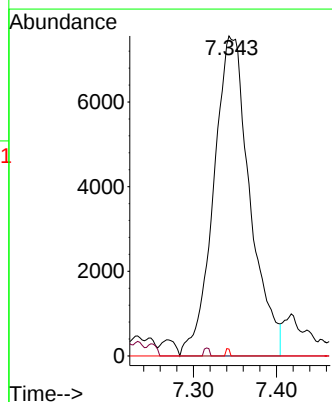
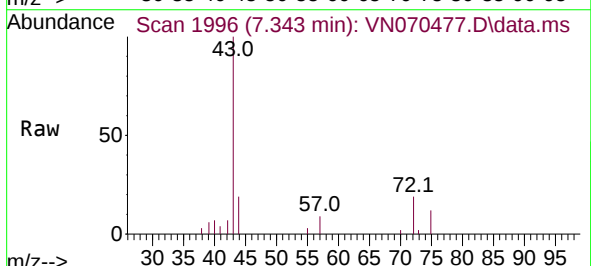


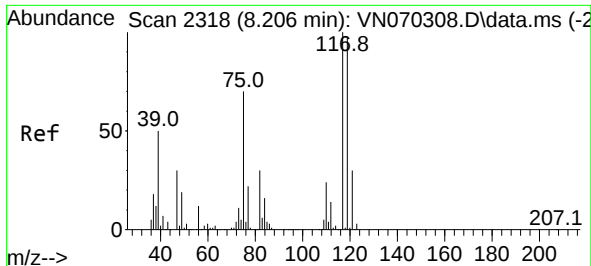
Tgt Ion: 75 Resp: 80639
 Ion Ratio Lower Upper
 75 100
 110 7.9 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.033 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. -0.069 min
 Lab File: VN070477.D
 Acq: 4 Jan 2022 20:56

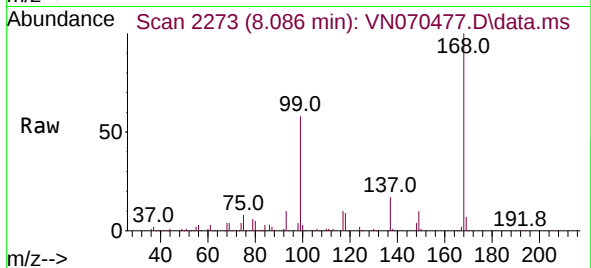
Tgt Ion: 43 Resp: 22882
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.2 7.9 11.9#



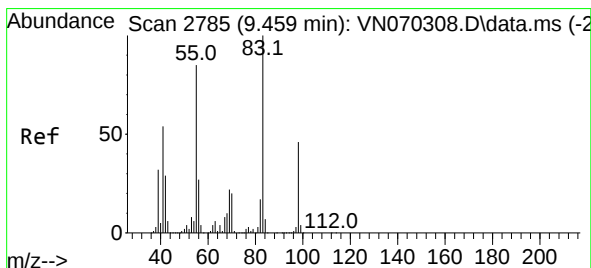
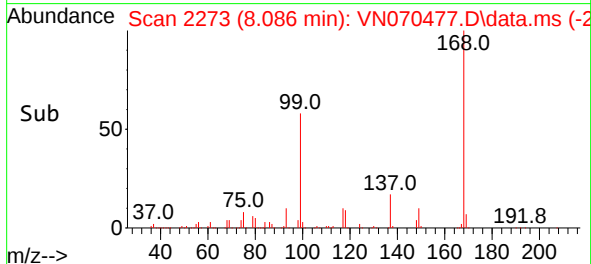
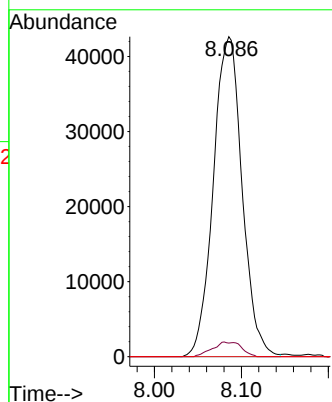


#38
Carbon Tetrachloride
Concen: 6.010 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :

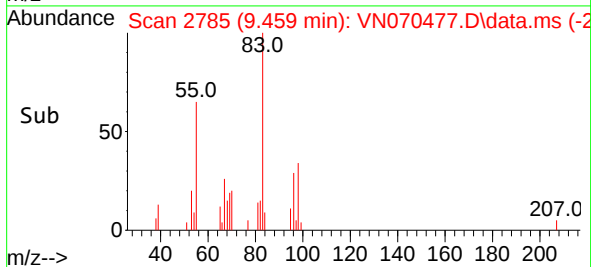
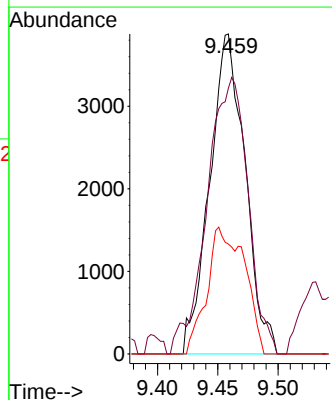
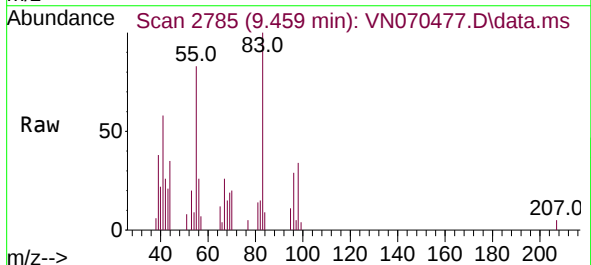


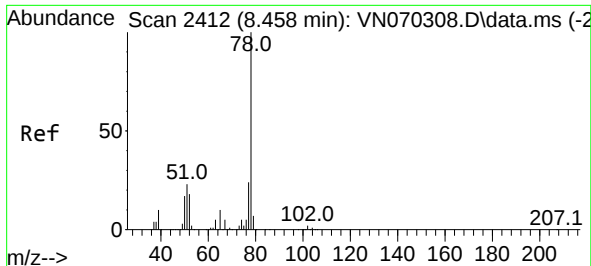
Tgt Ion:117 Resp: 98026
Ion Ratio Lower Upper
117 100
119 4.3 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.383 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion: 83 Resp: 7924
Ion Ratio Lower Upper
83 100
55 83.0 58.1 87.1
98 34.3 38.4 57.6#

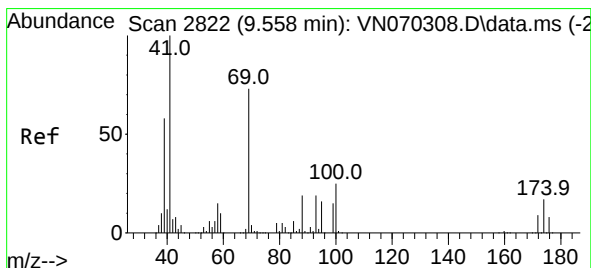
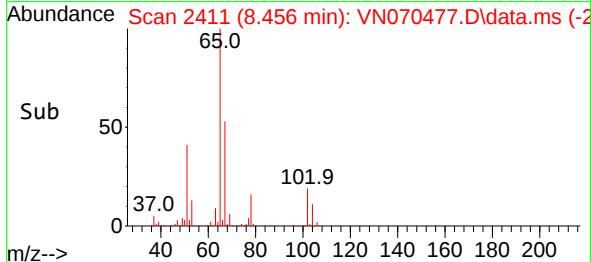
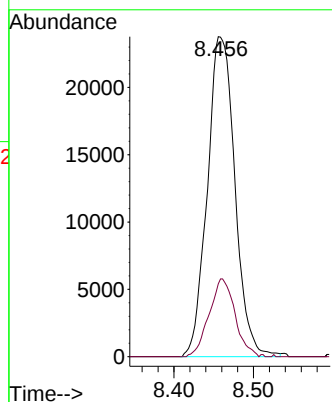
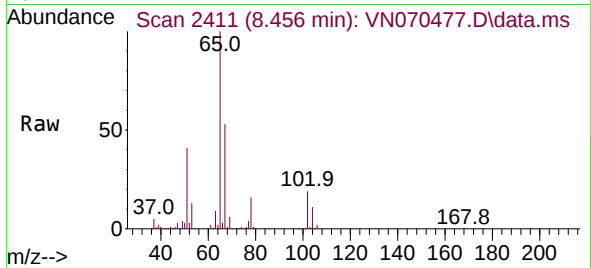




#40
Benzene
Concen: 1.095 ug/l
RT: 8.456 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

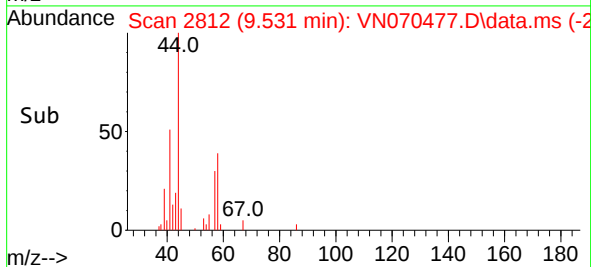
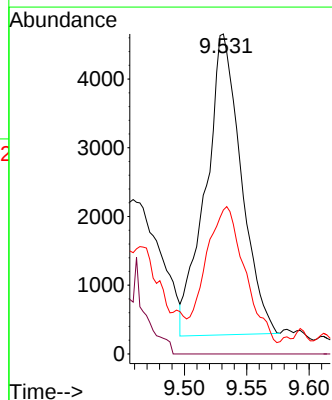
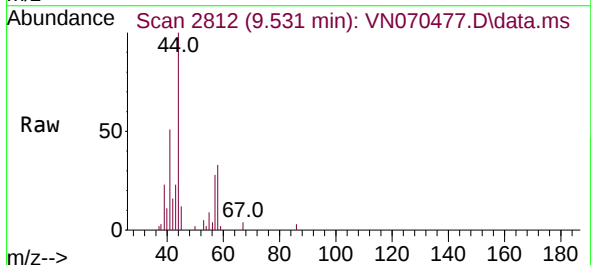
Instrument :
MSVOA_N
ClientSampleId :

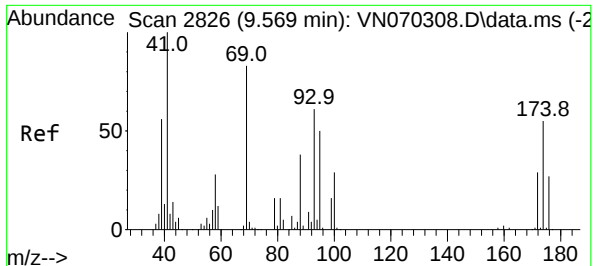
Tgt Ion: 78 Resp: 57339
Ion Ratio Lower Upper
78 100
77 22.8 18.6 27.8



#48
Methyl methacrylate
Concen: 0.520 ug/l
RT: 9.531 min Scan# 2812
Delta R.T. -0.027 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion: 41 Resp: 8660
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 51.1 58.4 87.6#





#49

1,4-Dioxane

Concen: 0.222 ug/l

RT: 9.577 min Scan# 21

Delta R.T. 0.008 min

Lab File: VN070477.D

Acq: 4 Jan 2022 20:56

Instrument :

MSVOA_N

ClientSampleId :

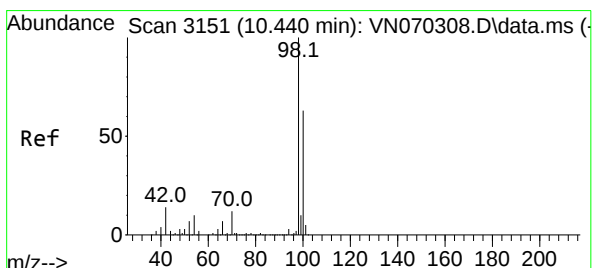
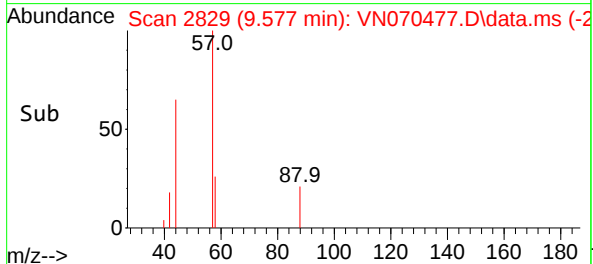
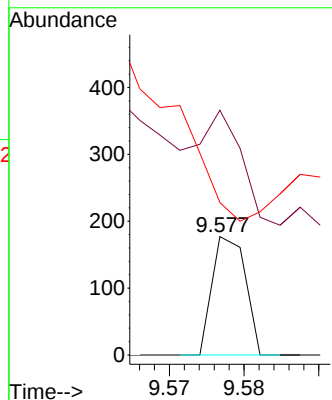
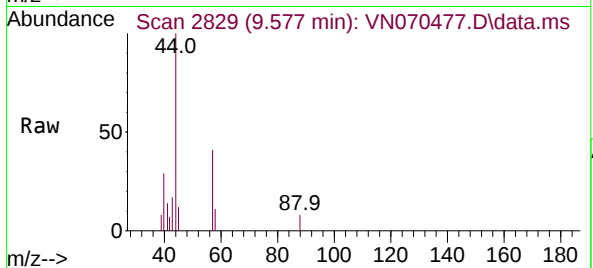
Tgt Ion: 88 Resp: 54

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 51.518 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070477.D

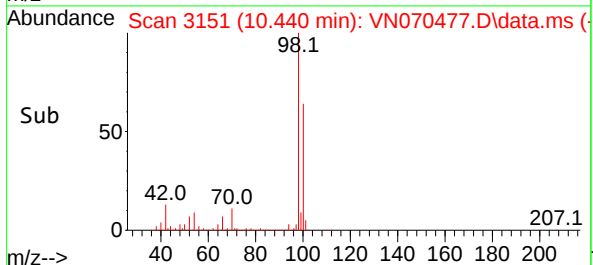
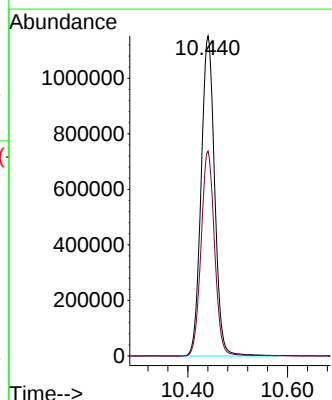
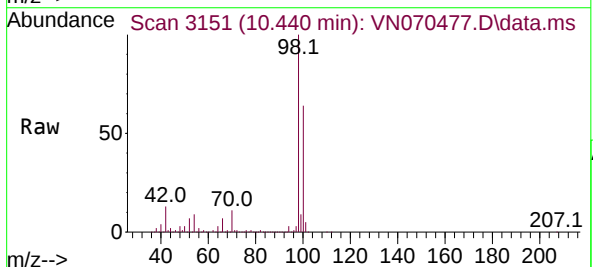
Acq: 4 Jan 2022 20:56

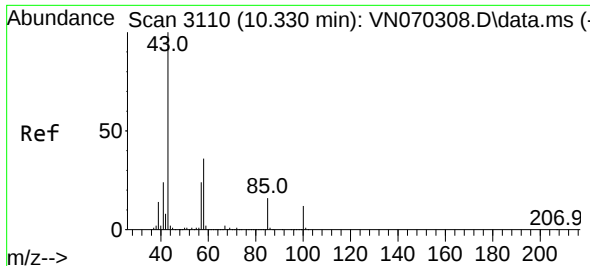
Tgt Ion: 98 Resp: 2173253

Ion Ratio Lower Upper

98 100

100 63.9 50.4 75.6





#51

4-Methyl-2-Pentanone

Concen: 0.421 ug/l

RT: 10.330 min Scan# 3110

Delta R.T. 0.000 min

Lab File: VN070477.D

Acq: 4 Jan 2022 20:56

Instrument :

MSVOA_N

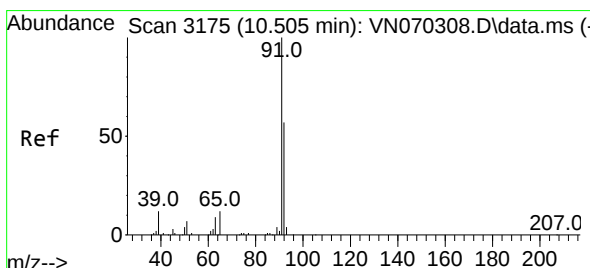
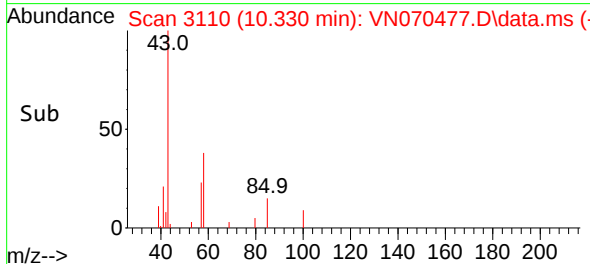
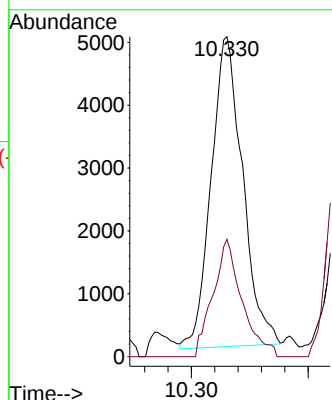
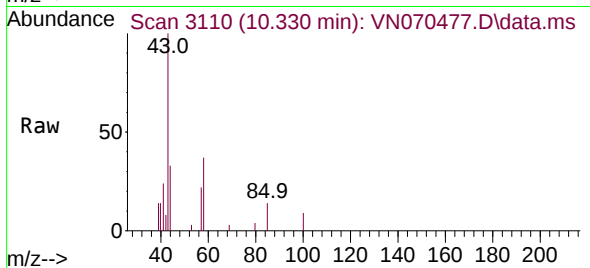
ClientSampleId :

Tgt Ion: 43 Resp: 9234

Ion Ratio Lower Upper

43 100

58 34.7 30.4 45.6



#52

Toluene

Concen: 0.874 ug/l

RT: 10.502 min Scan# 3174

Delta R.T. -0.003 min

Lab File: VN070477.D

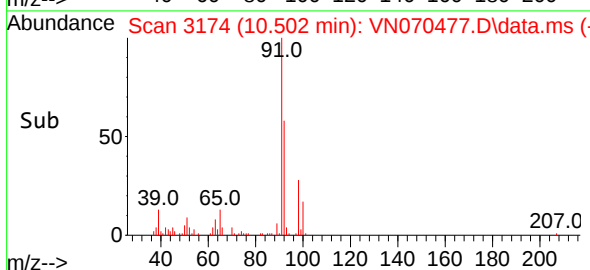
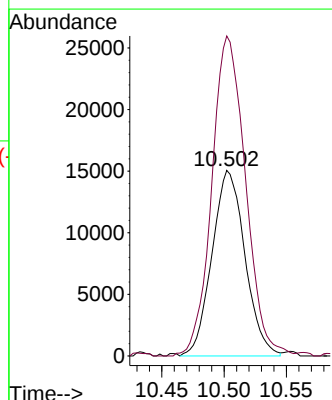
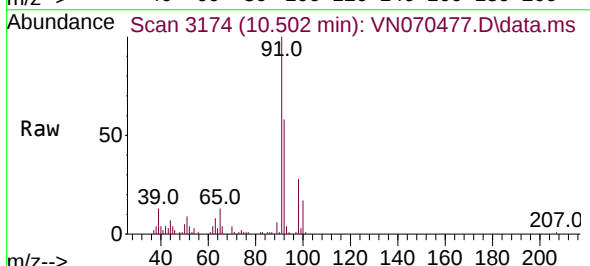
Acq: 4 Jan 2022 20:56

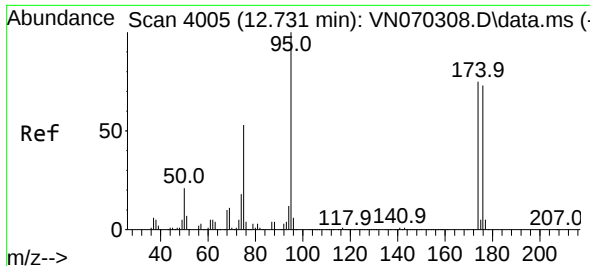
Tgt Ion: 92 Resp: 27709

Ion Ratio Lower Upper

92 100

91 176.3 142.0 213.0

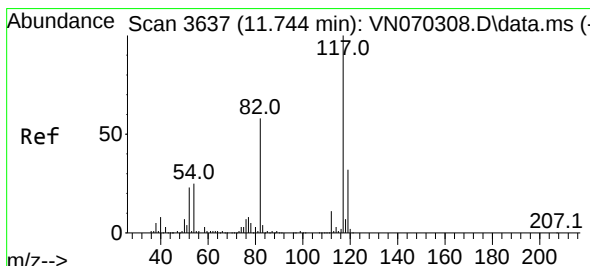
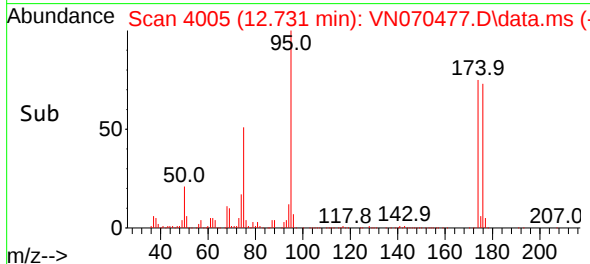
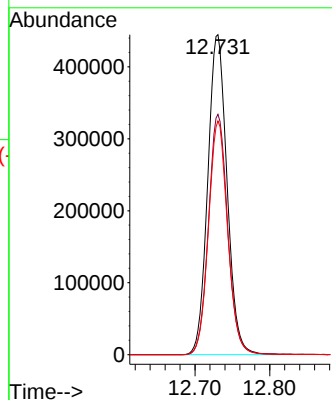
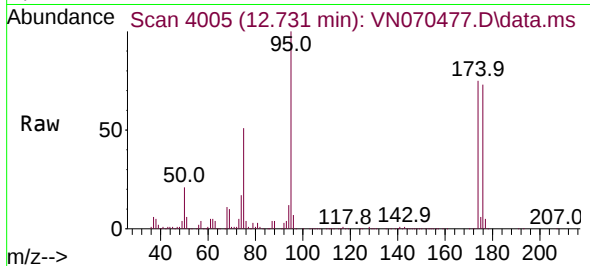




#62
4-Bromofluorobenzene
Concen: 52.293 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

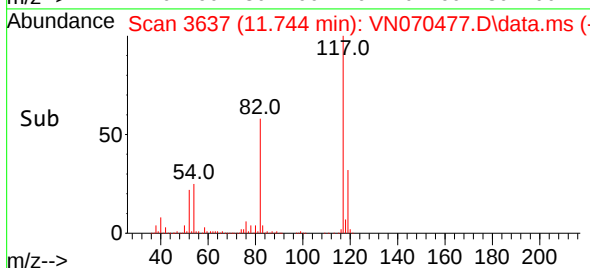
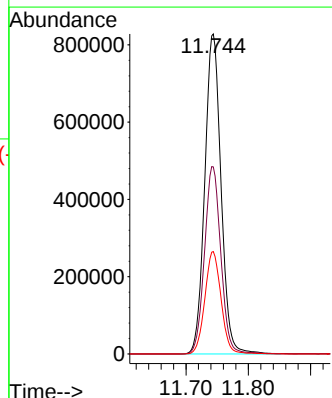
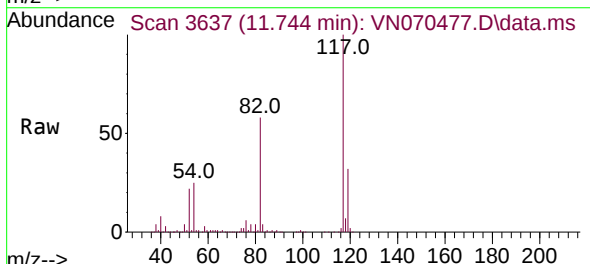
Instrument :
MSVOA_N
ClientSampleId :

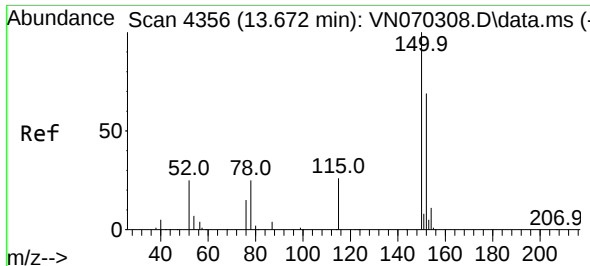
Tgt Ion: 95 Resp: 796730
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

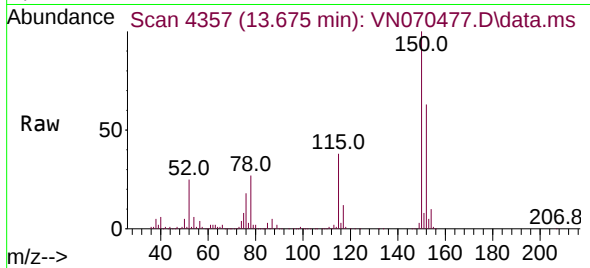
Tgt Ion: 117 Resp: 1503054
Ion Ratio Lower Upper
117 100
82 58.4 42.4 63.6
119 32.0 25.4 38.2



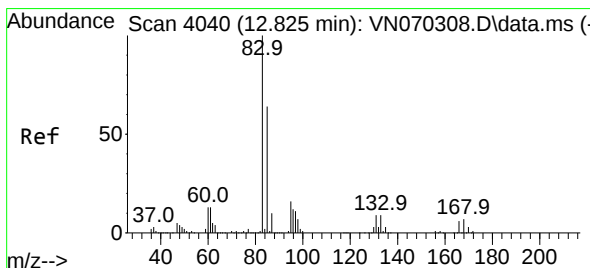
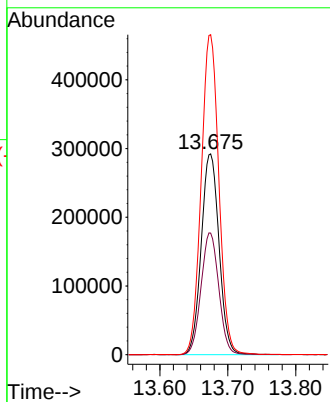
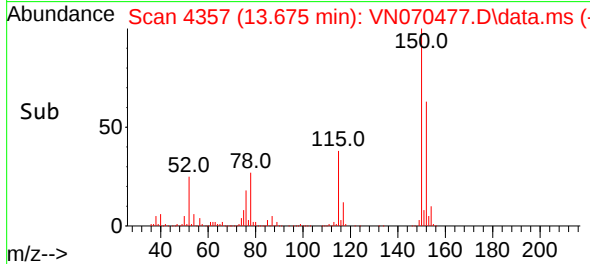


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070477.D
 Acq: 4 Jan 2022 20:56

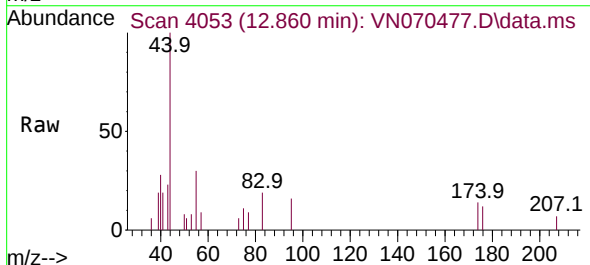
Instrument :
 MSVOA_N
 ClientSampleId :



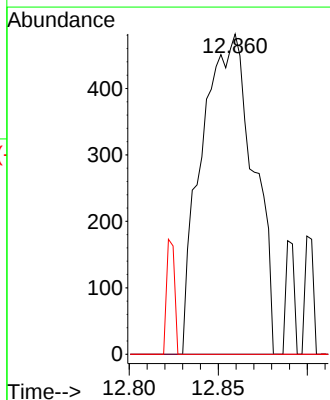
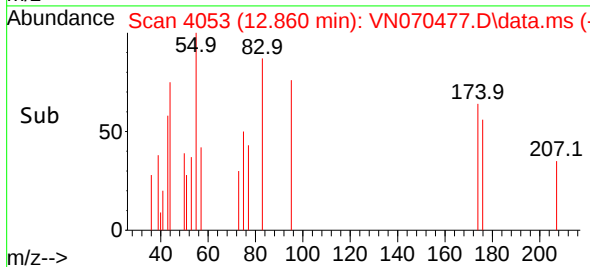
Tgt Ion:152 Resp: 532292
 Ion Ratio Lower Upper
 152 100
 115 60.4 27.5 82.5
 150 157.7 0.0 344.4

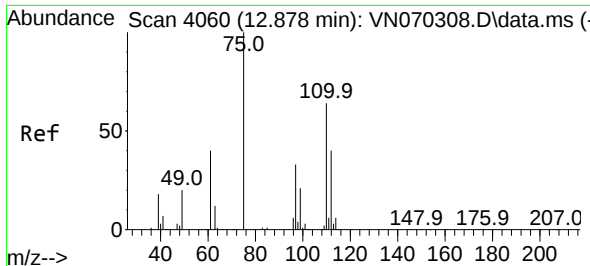


#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.501 ug/l
 RT: 12.860 min Scan# 4053
 Delta R.T. 0.035 min
 Lab File: VN070477.D
 Acq: 4 Jan 2022 20:56



Tgt Ion: 83 Resp: 973
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#

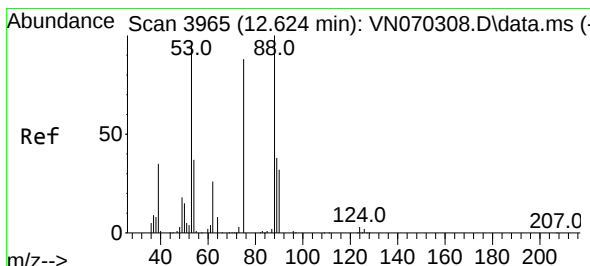
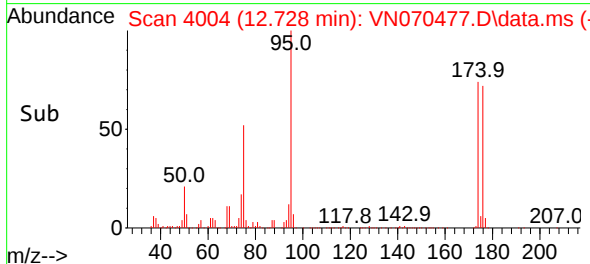
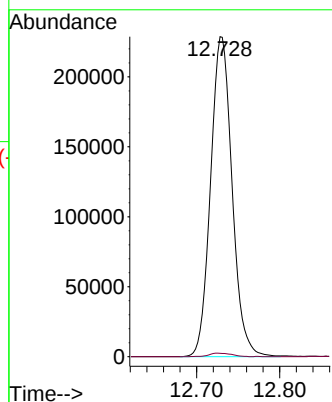
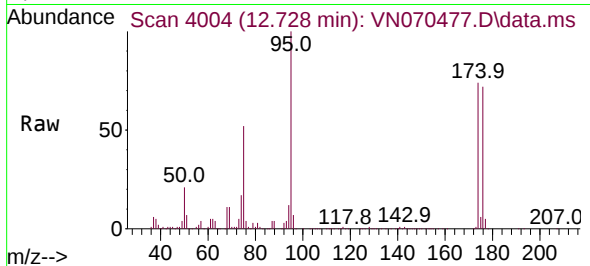




#76
1,2,3-Trichloropropane
Concen: 27.417 ug/l
RT: 12.728 min Scan# 4060
Delta R.T. -0.150 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

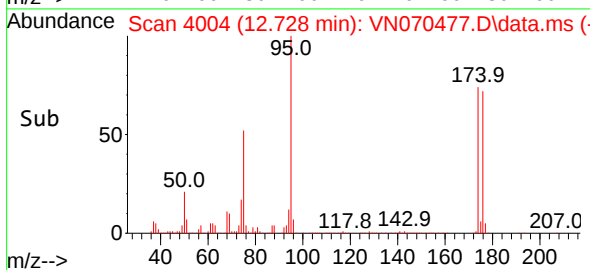
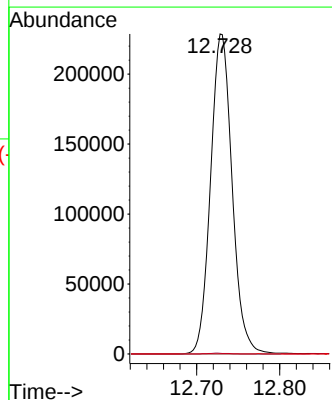
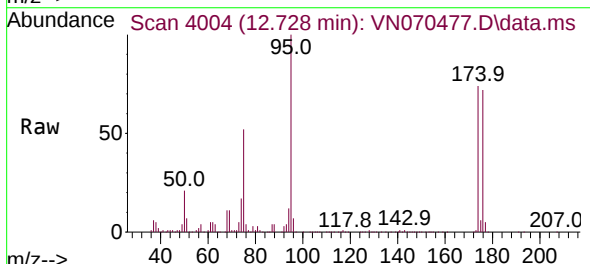
Instrument :
MSVOA_N
ClientSampleId :

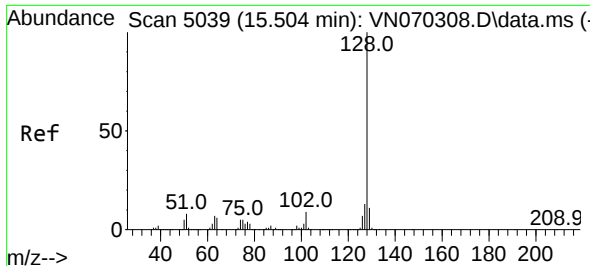
Tgt Ion: 75 Resp: 411465
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.443 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion: 75 Resp: 411465
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#

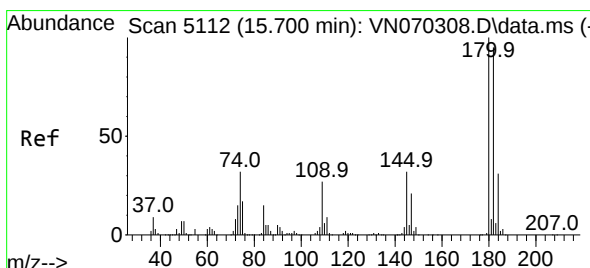
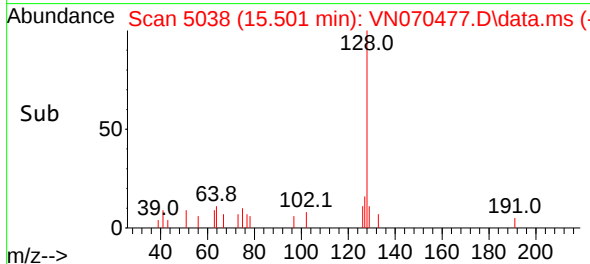
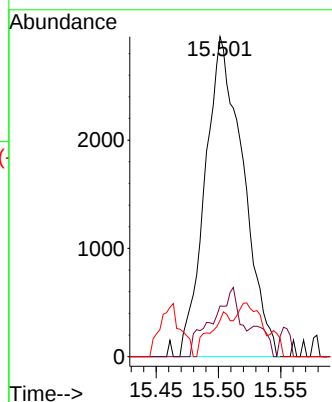
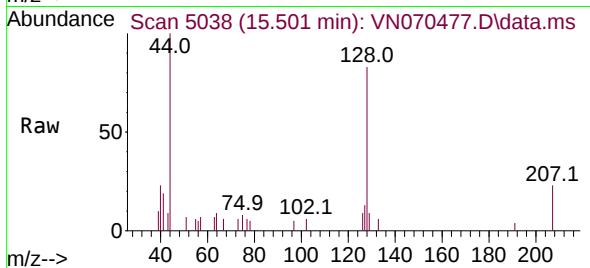




#95
Naphthalene
Concen: 2.046 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 6266
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 7.2 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.848 ug/l
RT: 15.694 min Scan# 5110
Delta R.T. -0.006 min
Lab File: VN070477.D
Acq: 4 Jan 2022 20:56

Tgt Ion:180 Resp: 187
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 80.7 15.0 45.1#

