

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070590.D
 Acq On : 12 Jan 2022 16:51
 Operator : JC/MD
 Sample : N1097-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 04:27:26 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

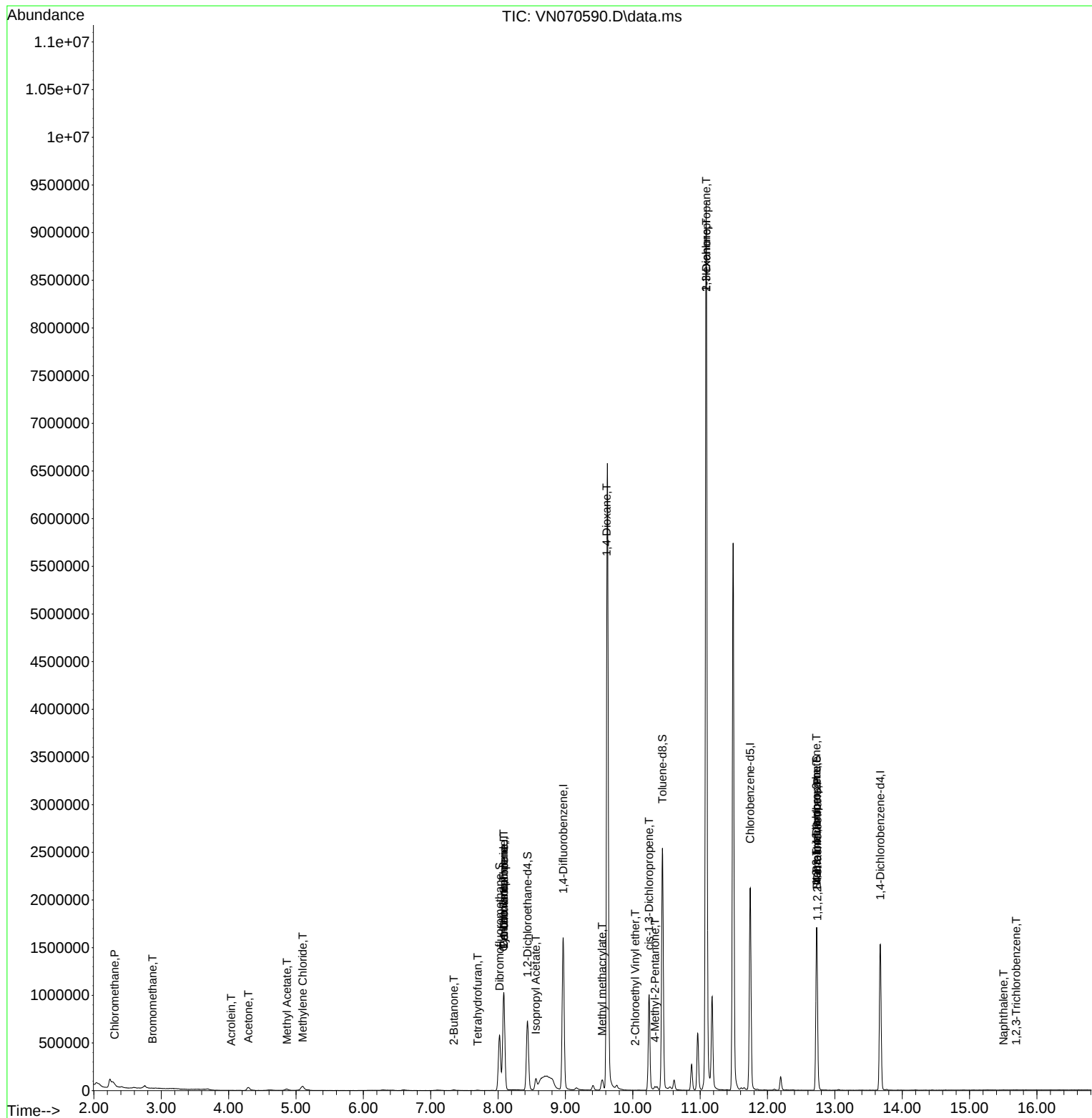
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	789305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1392796	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1225175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	427729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	606386	53.432	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.860%	
35) Dibromofluoromethane	8.021	113	433294	51.417	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.840%	
50) Toluene-d8	10.440	98	1753877	50.947	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.731	95	644668	51.848	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 103.700%	
Target Compounds						Qvalue
3) Chloromethane	2.306	50	3598	0.295	ug/l	99
5) Bromomethane	2.872	94	1253	0.219	ug/l	84
13) Acrolein	4.039	56	583	0.380	ug/l #	73
16) Acetone	4.293	43	58056	7.880	ug/l	94
18) Methyl Acetate	4.867	43	32423	1.521	ug/l #	70
20) Methylene Chloride	5.098	84	29055	2.851	ug/l	86
25) 2-Butanone	7.343	43	13178	1.421	ug/l	99
29) Tetrahydrofuran	7.697	42	2172	0.392	ug/l #	81
31) Cyclohexane	8.080	56	17791	0.993	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	63823	4.578	ug/l #	49
38) Carbon Tetrachloride	8.083	117	76103	5.717	ug/l #	17
43) Isopropyl Acetate	8.560	43	149349	5.242	ug/l #	83
48) Methyl methacrylate	9.545	41	32618	2.400	ug/l #	8
49) 1,4-Dioxane	9.614	88	448	2.252	ug/l #	27
51) 4-Methyl-2-Pentanone	10.330	43	23548	1.315	ug/l	94
54) cis-1,3-Dichloropropene	10.242	75	173334	10.417	ug/l #	60
57) 1,3-Dichloropropane	11.089	76	94551	5.223	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.035	63	25	18.518	ug/l #	45
59) 2-Hexanone	11.089	43	1613238	123.574	ug/l #	49
71) Bromoform	12.734	173	1566	0.227	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.739	83	323	0.469	ug/l #	1
76) 1,2,3-Trichloropropane	12.728	75	332308	27.542	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	332308	94.921	ug/l #	5
95) Naphthalene	15.504	128	2816	1.936	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.692	180	260	0.864	ug/l	67

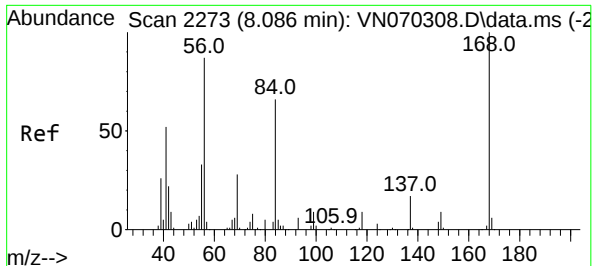
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070590.D
Acq On : 12 Jan 2022 16:51
Operator : JC/MD
Sample : N1097-10
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

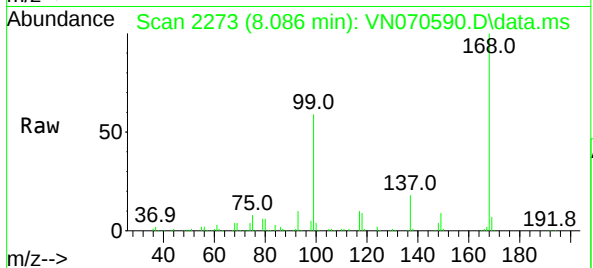
Quant Time: Jan 13 04:27:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration



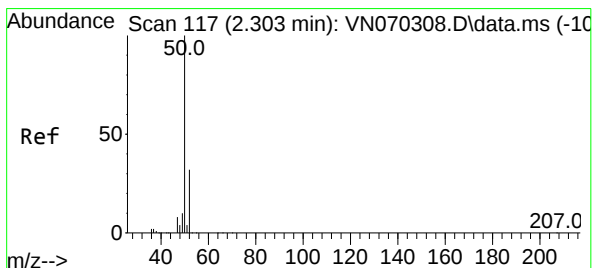
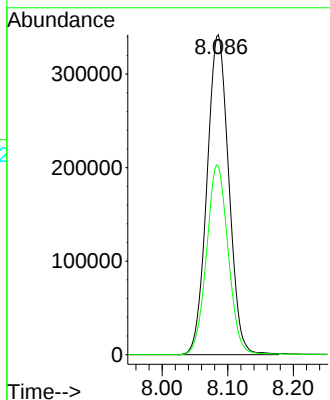
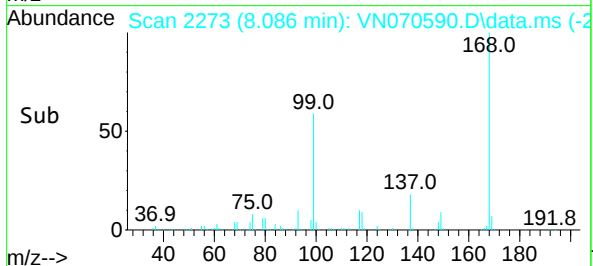


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :

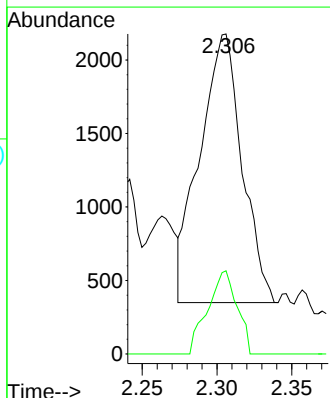
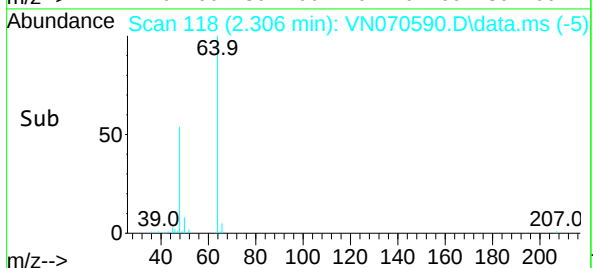
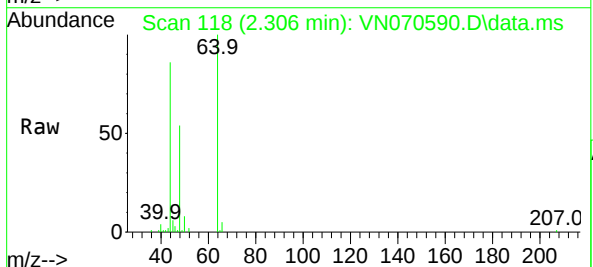


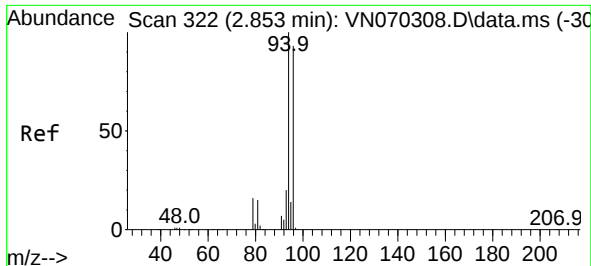
Tgt Ion:168 Resp: 789305
Ion Ratio Lower Upper
168 100
99 58.9 41.3 61.9



#3
Chloromethane
Concen: 0.295 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

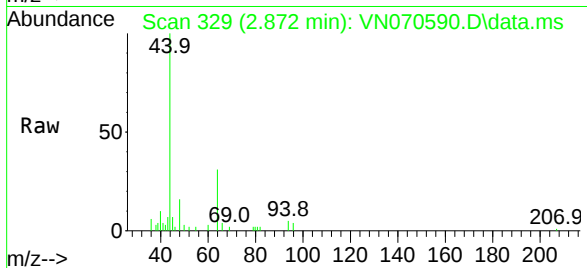
Tgt Ion: 50 Resp: 3598
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0



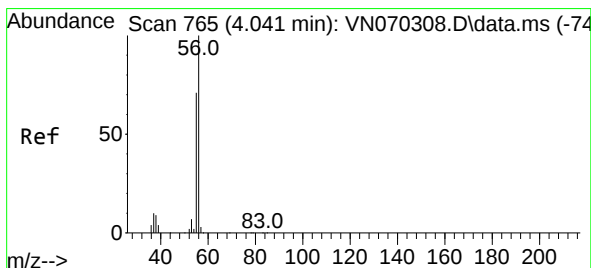
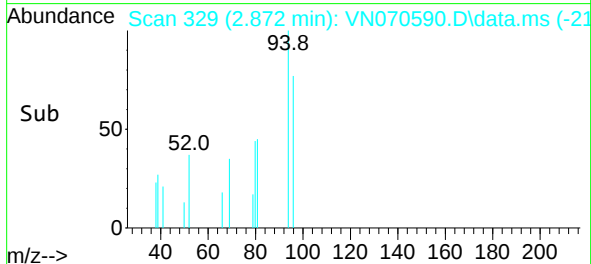
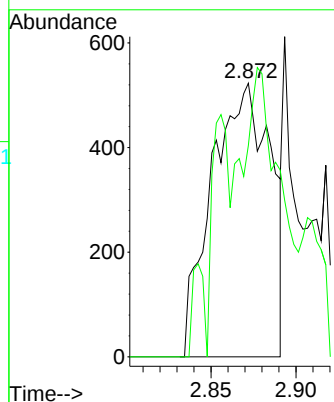


#5
Bromomethane
Concen: 0.219 ug/l
RT: 2.872 min Scan# 31
Delta R.T. 0.019 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :

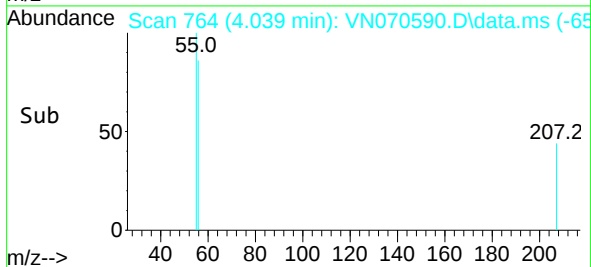
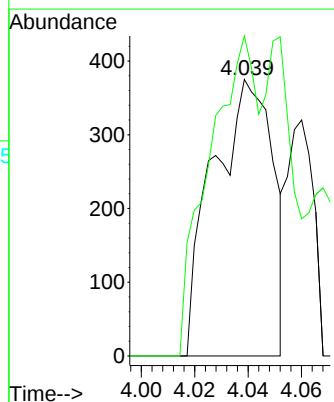
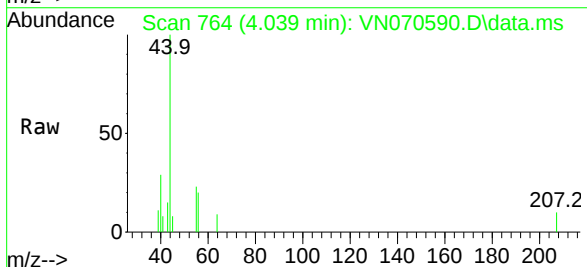


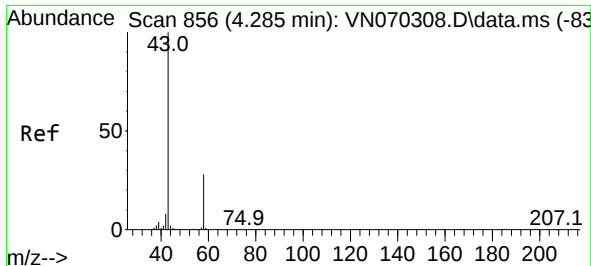
Tgt Ion: 94 Resp: 1253
Ion Ratio Lower Upper
94 100
96 77.2 73.8 110.8



#13
Acrolein
Concen: 0.380 ug/l
RT: 4.039 min Scan# 764
Delta R.T. -0.002 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 56 Resp: 583
Ion Ratio Lower Upper
56 100
55 93.1 56.6 85.0#

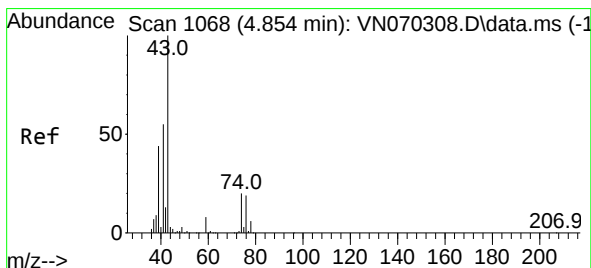
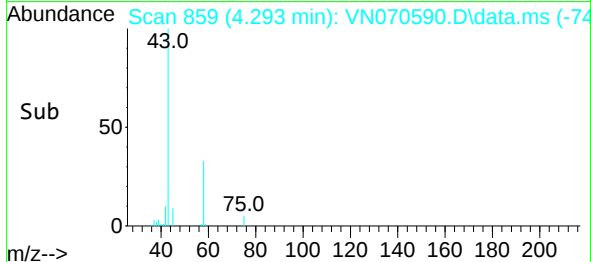
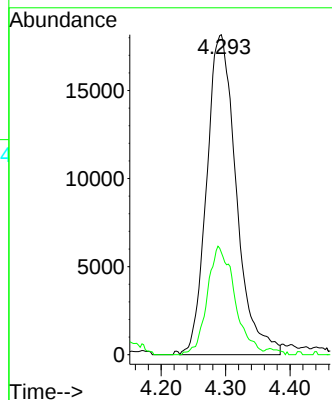
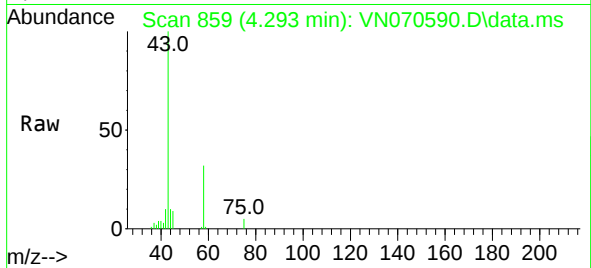




#16
Acetone
Concen: 7.880 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

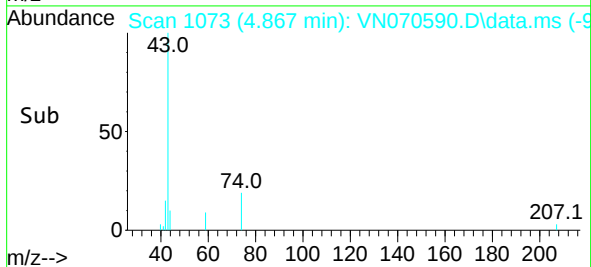
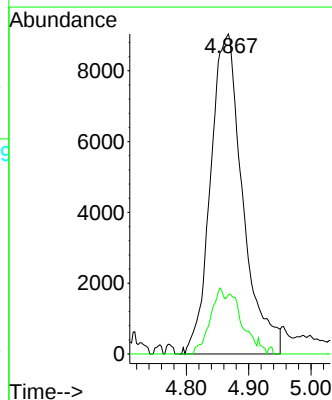
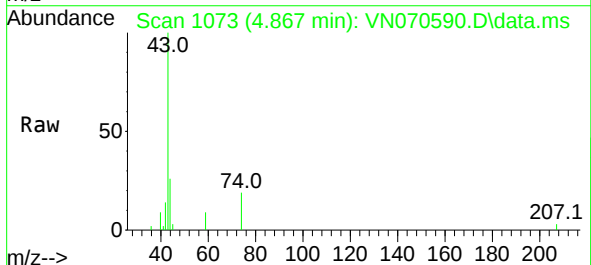
Instrument :
MSVOA_N
ClientSampleId :

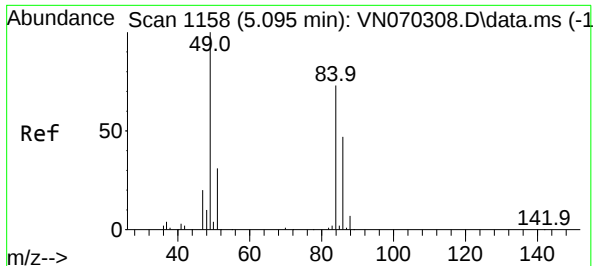
Tgt Ion: 43 Resp: 58056
Ion Ratio Lower Upper
43 100
58 32.0 23.1 34.7



#18
Methyl Acetate
Concen: 1.521 ug/l
RT: 4.867 min Scan# 1073
Delta R.T. 0.013 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

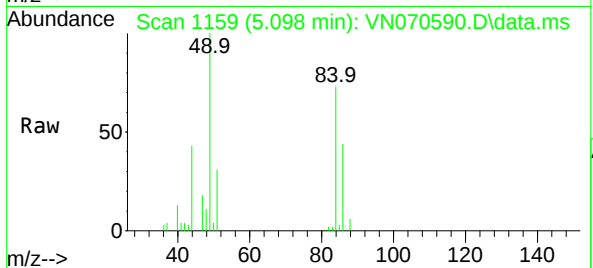
Tgt Ion: 43 Resp: 32423
Ion Ratio Lower Upper
43 100
74 9.3 19.4 29.2#



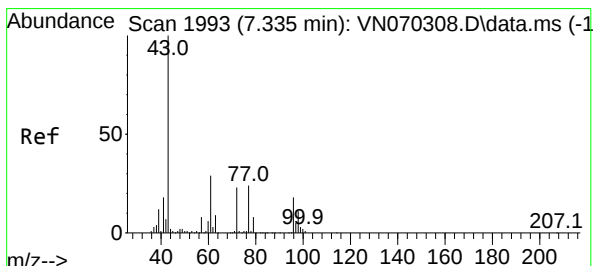
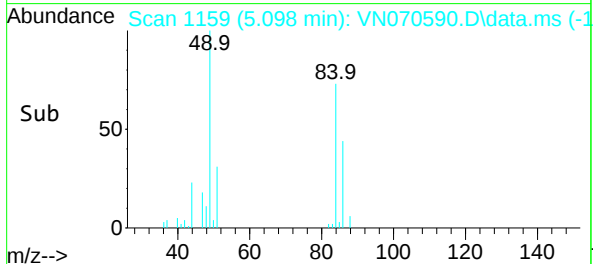
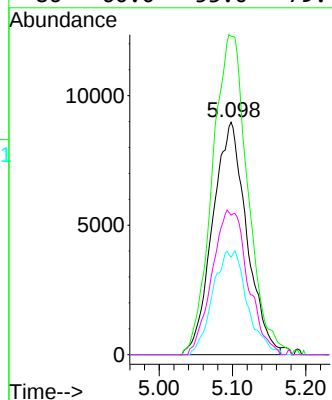


#20
Methylene Chloride
Concen: 2.851 ug/l
RT: 5.098 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :

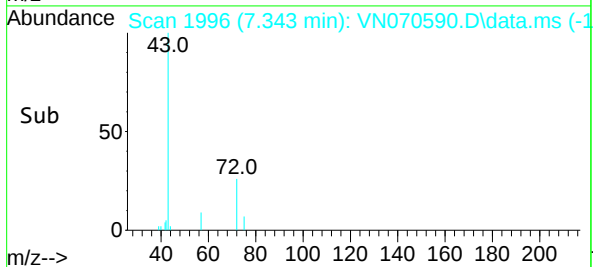
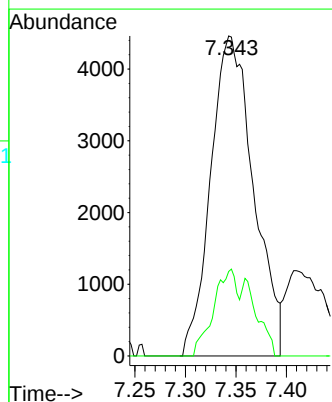
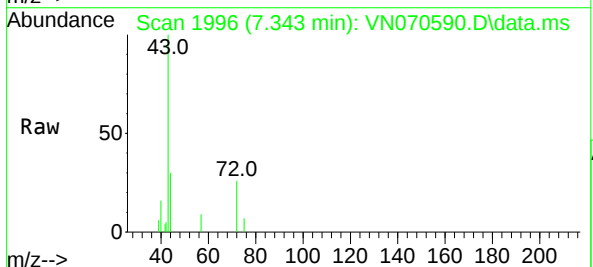


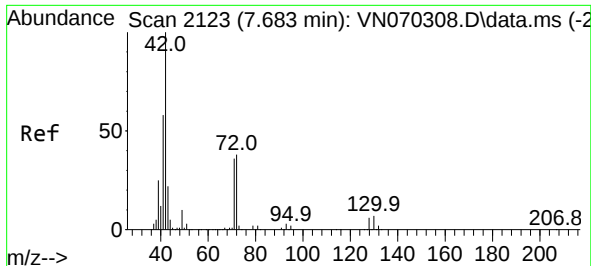
Tgt Ion:	84	Resp:	29055
Ion	Ratio	Lower	Upper
84	100		
49	136.9	93.5	140.3
51	41.9	29.4	44.2
86	60.0	53.0	79.4



#25
2-Butanone
Concen: 1.421 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.008 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

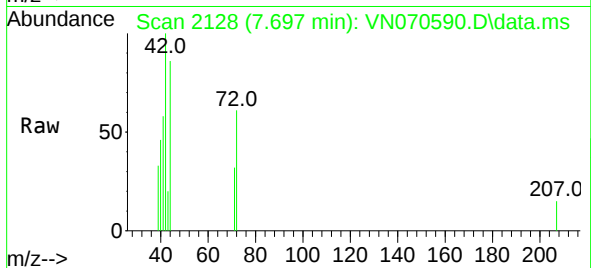
Tgt Ion:	43	Resp:	13178
Ion	Ratio	Lower	Upper
43	100		
72	26.4	21.7	32.5



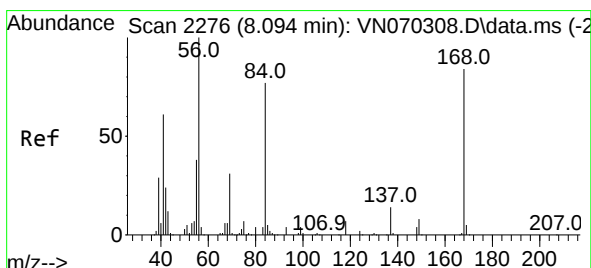
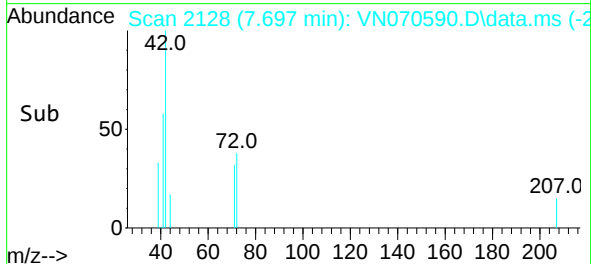
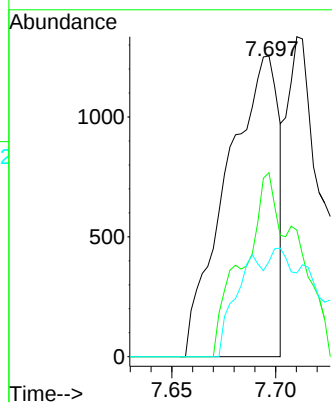


#29
Tetrahydrofuran
Concen: 0.392 ug/l
RT: 7.697 min Scan# 2123
Delta R.T. 0.014 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :

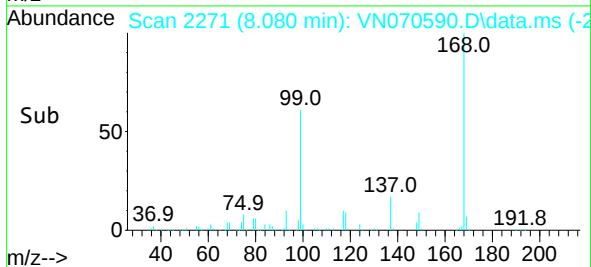
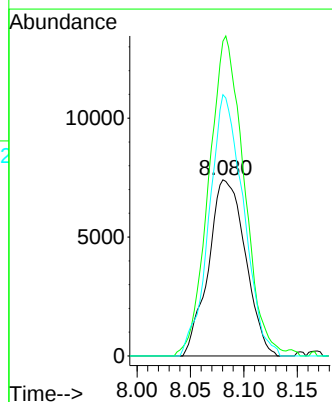
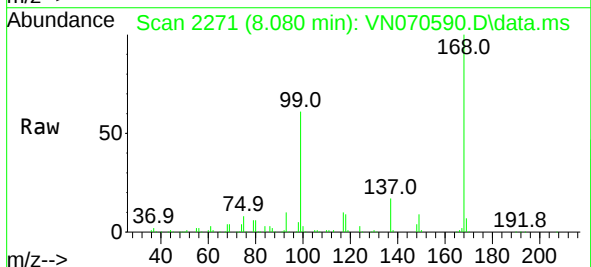


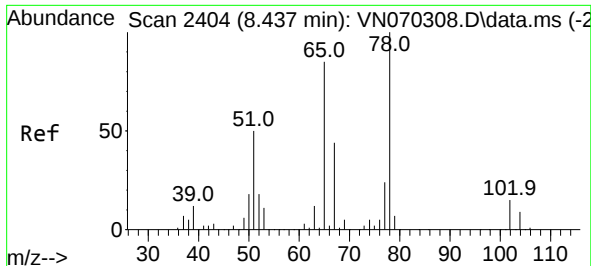
Tgt Ion: 42 Resp: 2172
Ion Ratio Lower Upper
42 100
72 45.1 36.3 54.5
71 18.4 34.7 52.1#



#31
Cyclohexane
Concen: 0.993 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.014 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 56 Resp: 17791
Ion Ratio Lower Upper
56 100
69 175.4 27.1 40.7#
84 148.4 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 53.432 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070590.D

Acq: 12 Jan 2022 16:51

Instrument :

MSVOA_N

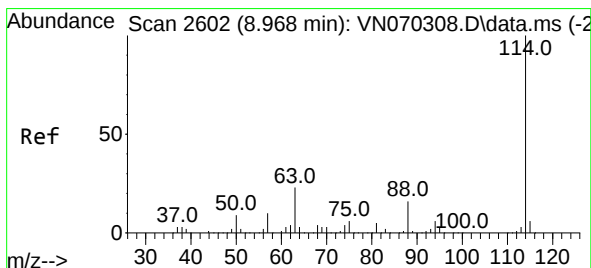
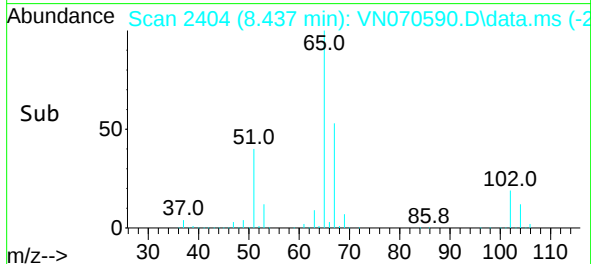
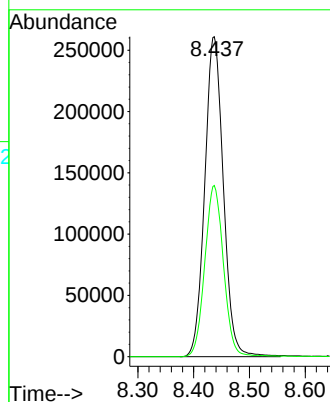
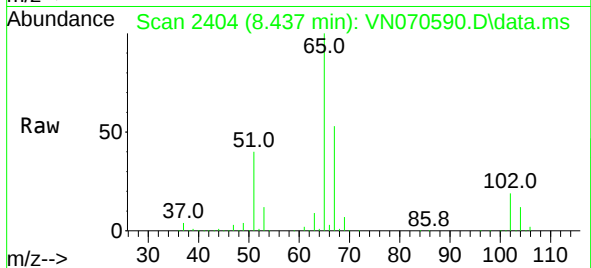
ClientSampleId :

Tgt Ion: 65 Resp: 606386

Ion Ratio Lower Upper

65 100

67 53.4 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: VN070590.D

Acq: 12 Jan 2022 16:51

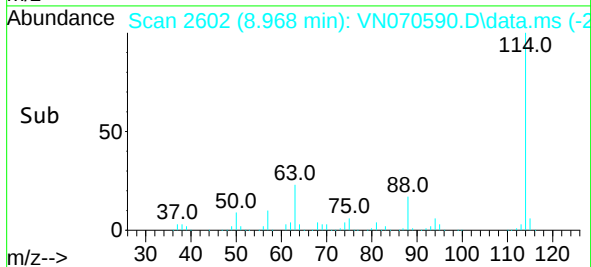
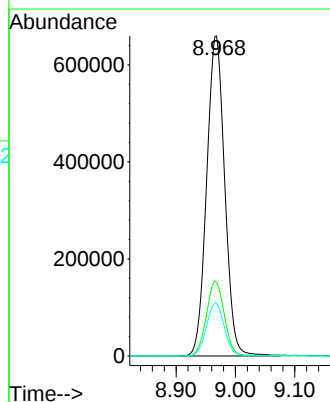
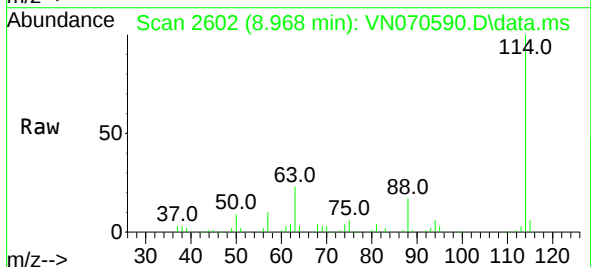
Tgt Ion: 114 Resp: 1392796

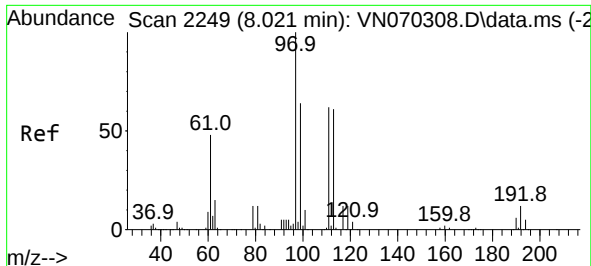
Ion Ratio Lower Upper

114 100

63 23.0 0.0 37.8

88 16.5 0.0 27.4

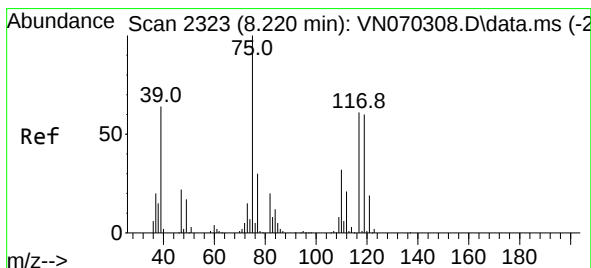
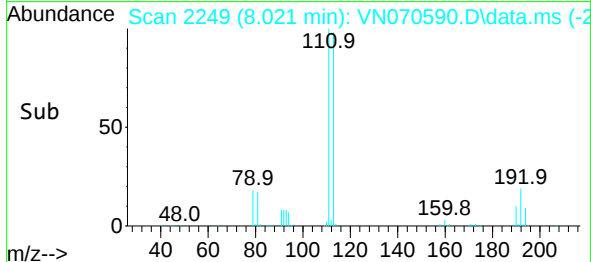
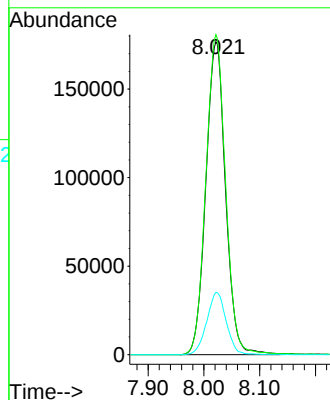
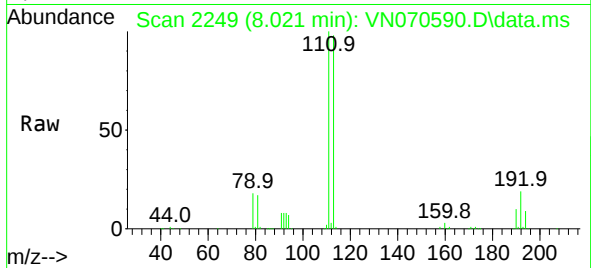




#35
Dibromofluoromethane
Concen: 51.417 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

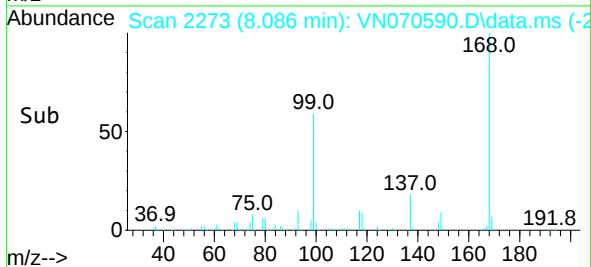
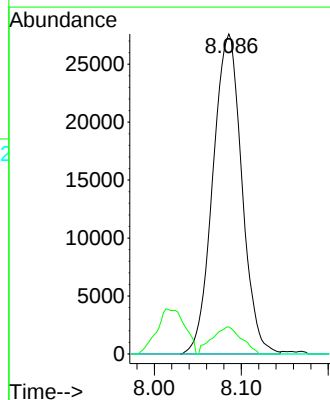
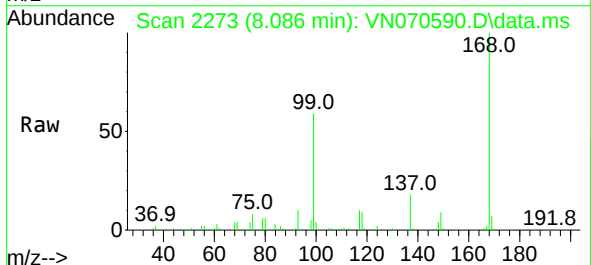
Instrument :
MSVOA_N
ClientSampleId :

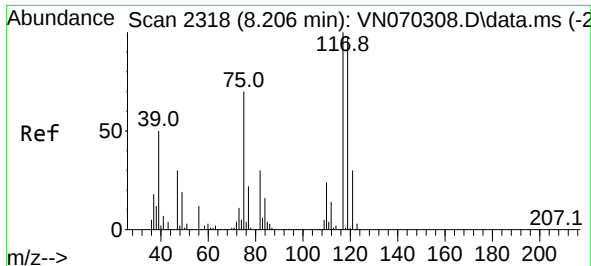
Tgt Ion:113 Resp: 433294
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.578 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.134 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

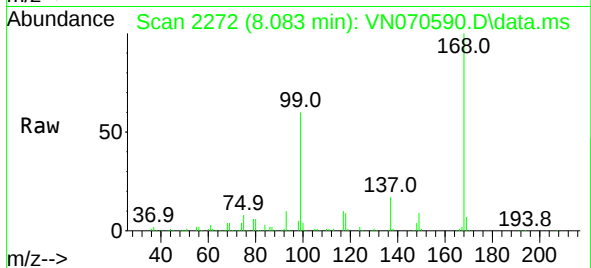
Tgt Ion: 75 Resp: 63823
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



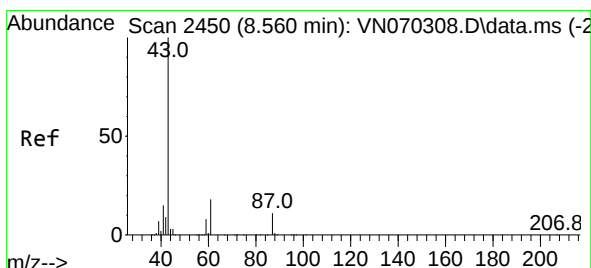
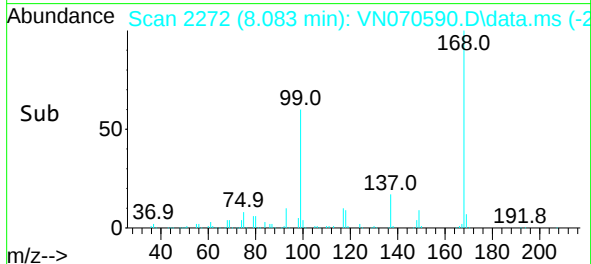
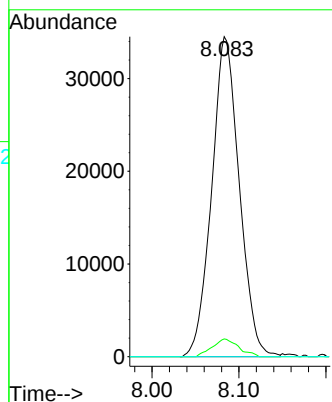


#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.123 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :

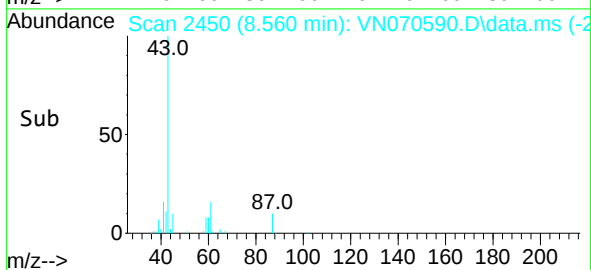
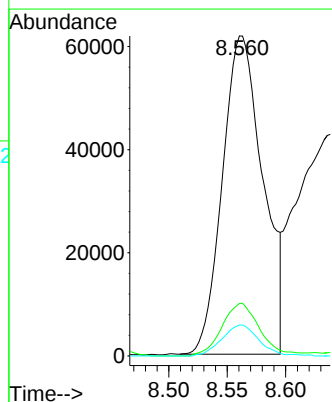
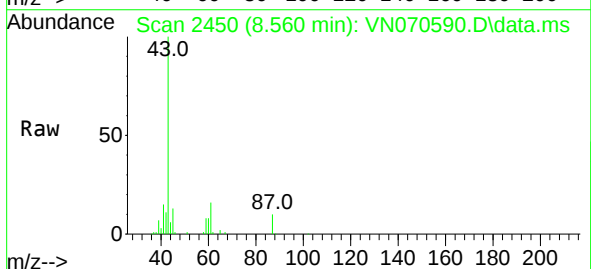


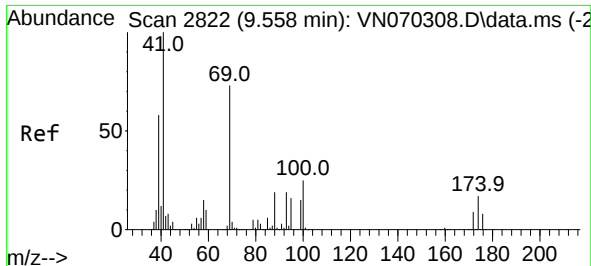
Tgt Ion:117 Resp: 76103
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 5.242 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 43 Resp: 149349
Ion Ratio Lower Upper
43 100
61 15.4 20.4 30.6#
87 8.7 11.2 16.8#

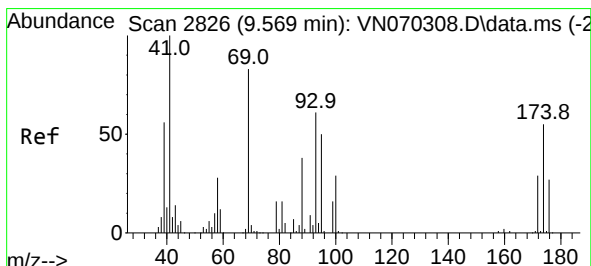
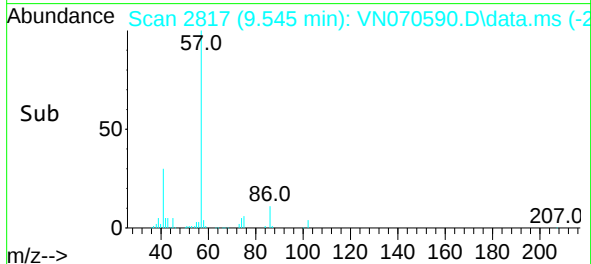
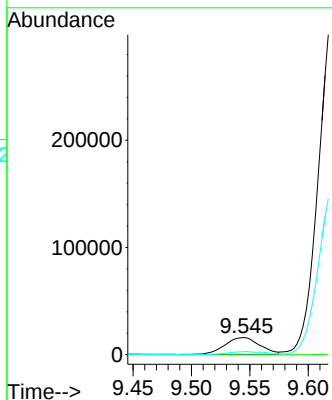
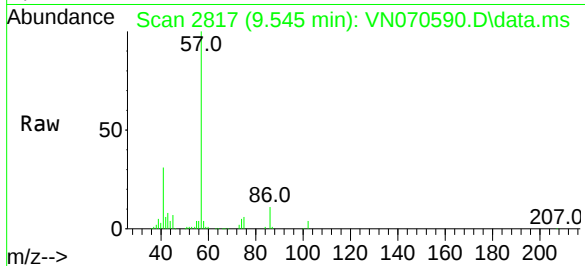




#48
Methyl methacrylate
Concen: 2.400 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.013 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

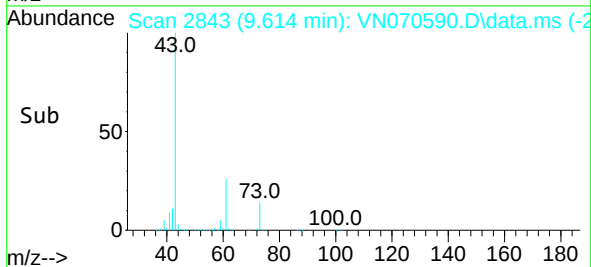
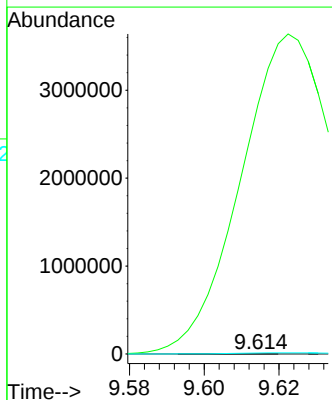
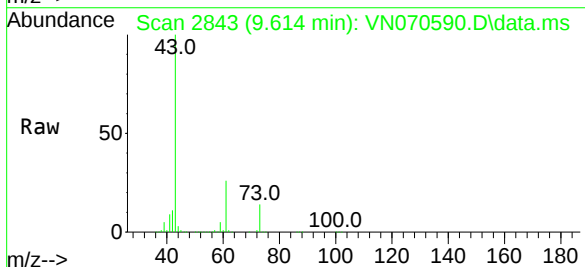
Instrument :
MSVOA_N
ClientSampleId :

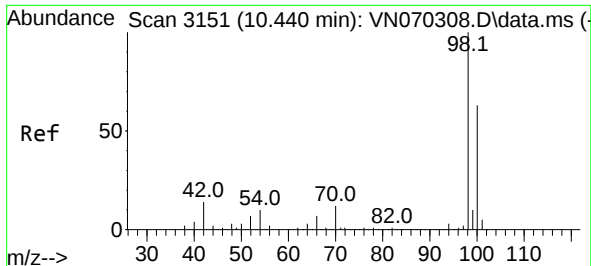
Tgt Ion: 41 Resp: 32618
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 2.252 ug/l
RT: 9.614 min Scan# 2843
Delta R.T. 0.045 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 88 Resp: 448
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 0.0 50.6 75.8#

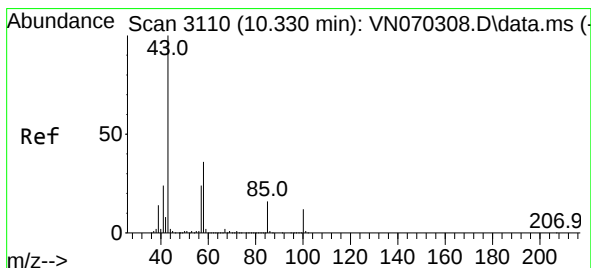
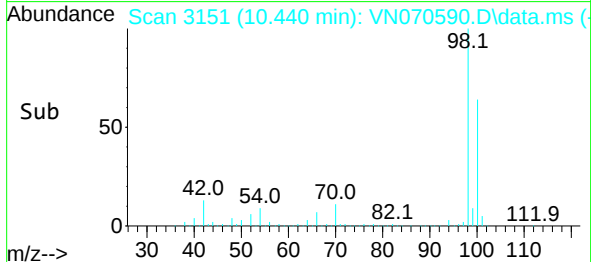
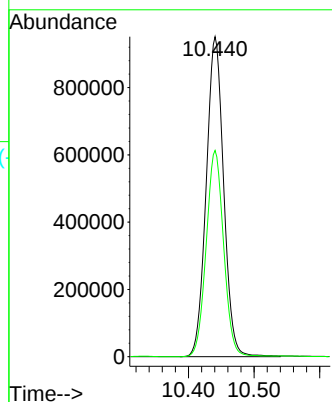
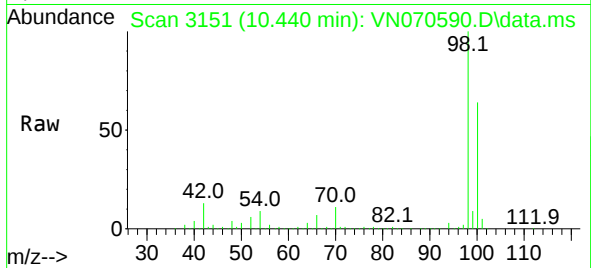




#50
Toluene-d8
Concen: 50.947 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

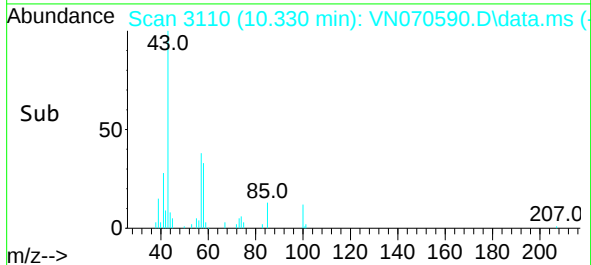
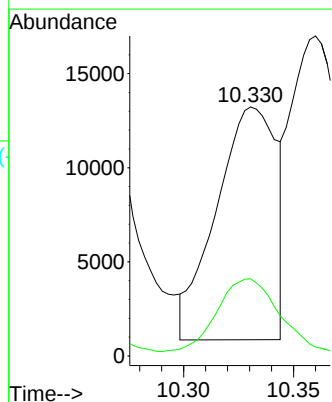
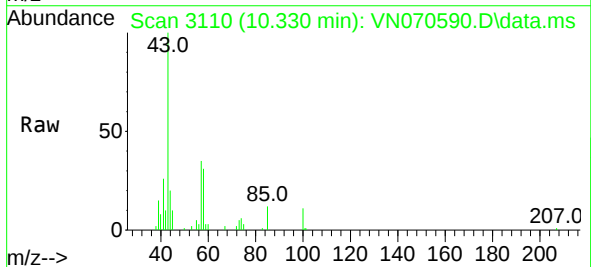
Instrument :
MSVOA_N
ClientSampleId :

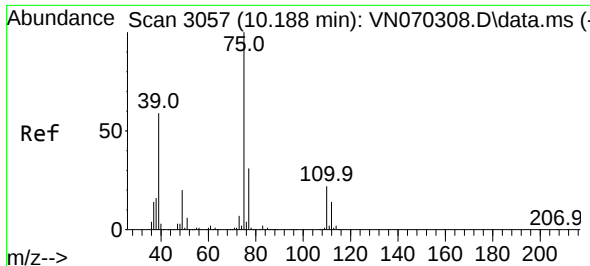
Tgt Ion: 98 Resp: 1753877
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.315 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

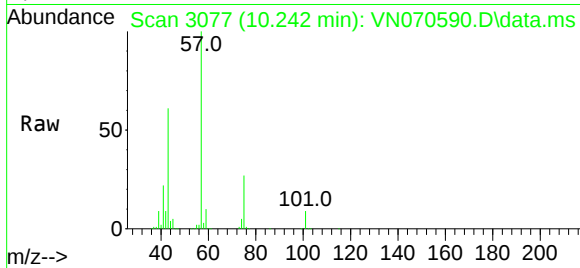
Tgt Ion: 43 Resp: 23548
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6



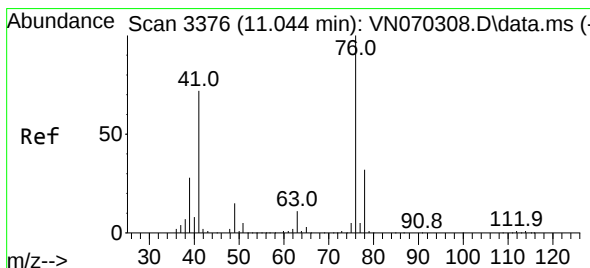
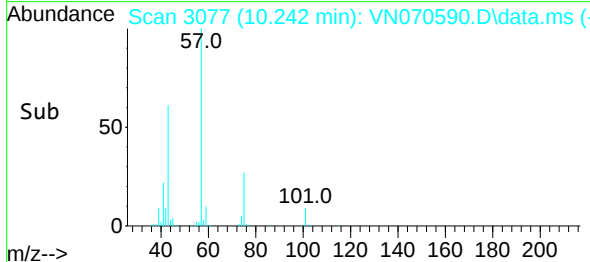
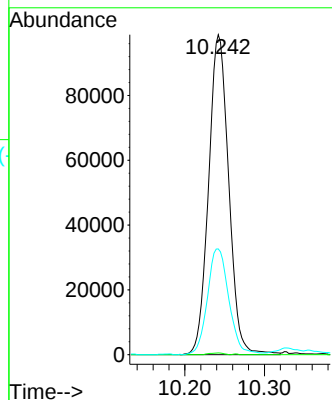


#54
 cis-1,3-Dichloropropene
 Concen: 10.417 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN070590.D
 Acq: 12 Jan 2022 16:51

Instrument :
 MSVOA_N
 ClientSampleId :

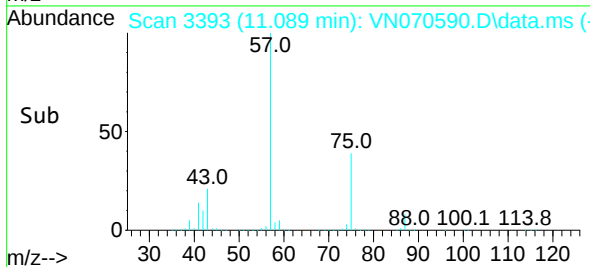
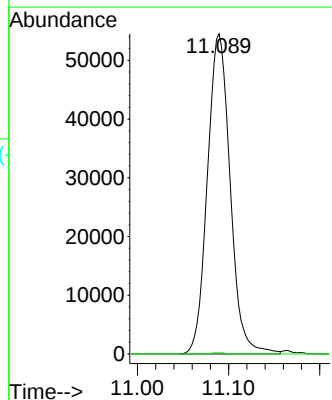
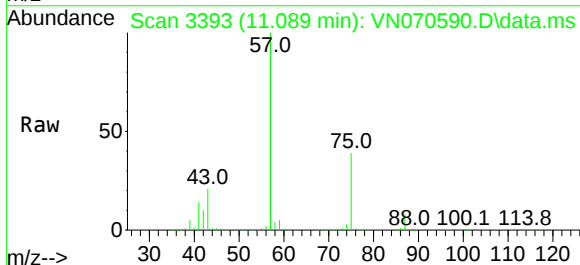


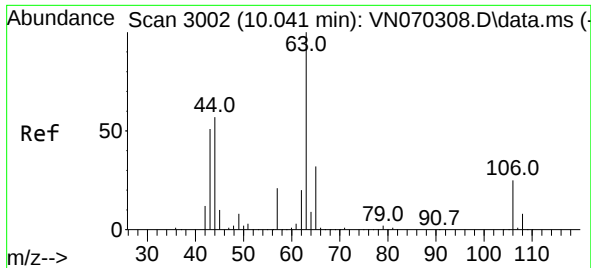
Tgt Ion: 75 Resp: 173334
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.4 39.6#
 39 32.9 42.5 63.7#



#57
 1,3-Dichloropropane
 Concen: 5.223 ug/l
 RT: 11.089 min Scan# 3393
 Delta R.T. 0.045 min
 Lab File: VN070590.D
 Acq: 12 Jan 2022 16:51

Tgt Ion: 76 Resp: 94551
 Ion Ratio Lower Upper
 76 100
 78 0.2 25.7 38.5#

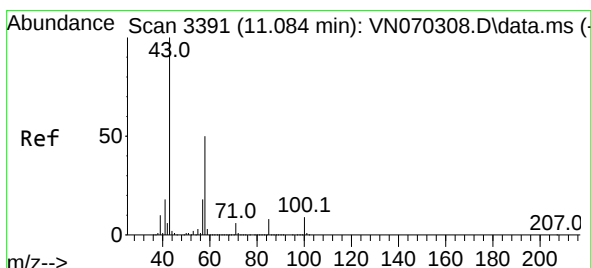
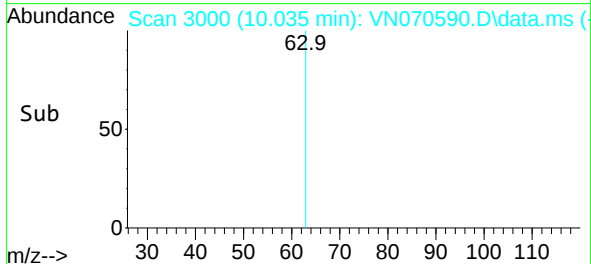
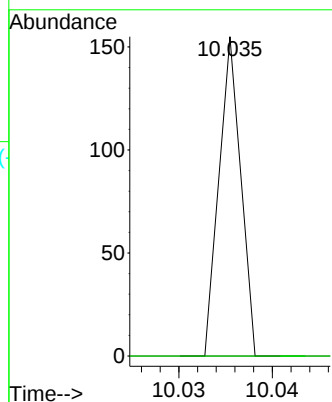
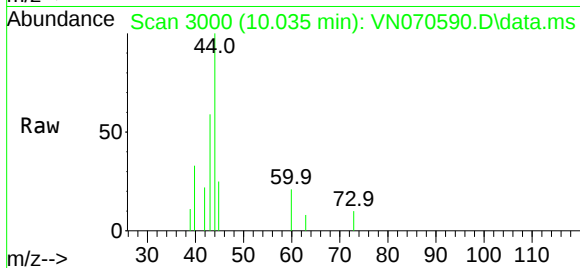




#58
2-Chloroethyl Vinyl ether
Concen: 18.518 ug/l
RT: 10.035 min Scan# 3000
Delta R.T. -0.006 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

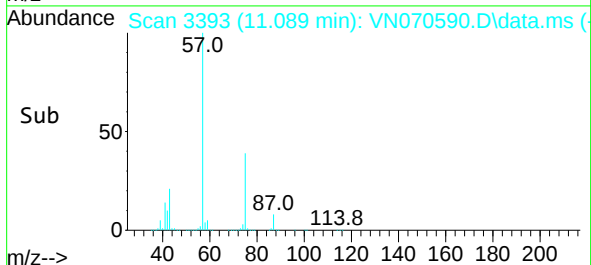
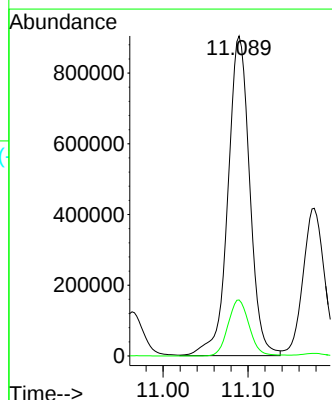
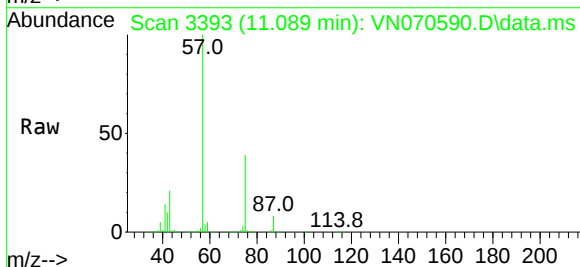
Instrument :
MSVOA_N
ClientSampleId :

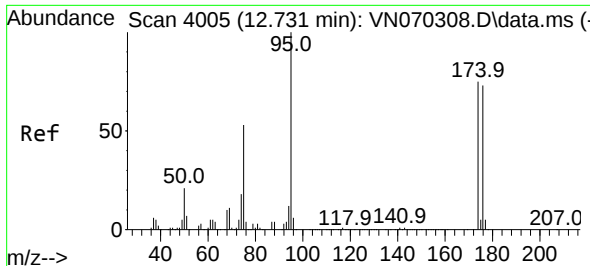
Tgt Ion: 63 Resp: 25
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#



#59
2-Hexanone
Concen: 123.574 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.005 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 43 Resp: 1613238
Ion Ratio Lower Upper
43 100
58 17.1 26.9 80.7#

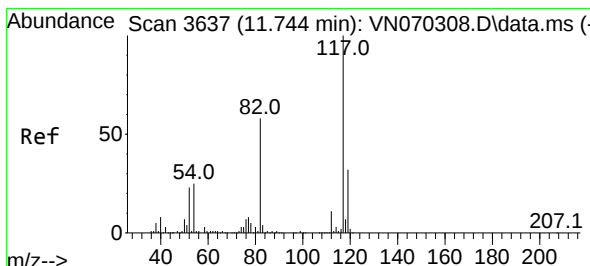
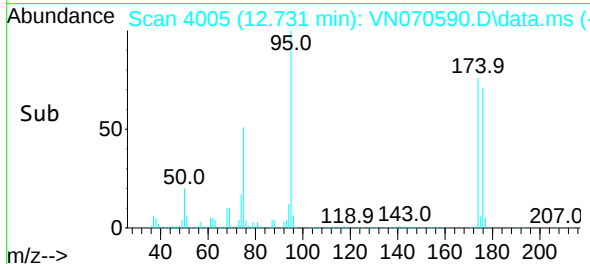
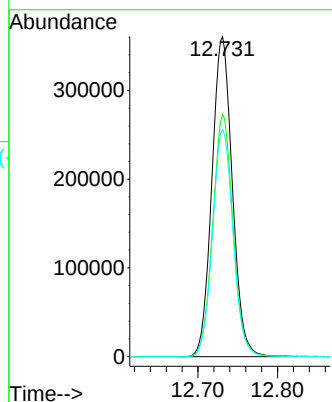
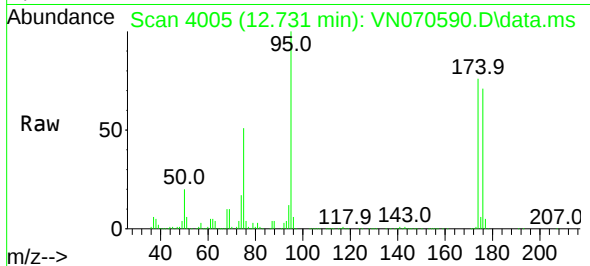




#62
4-Bromofluorobenzene
Concen: 51.848 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

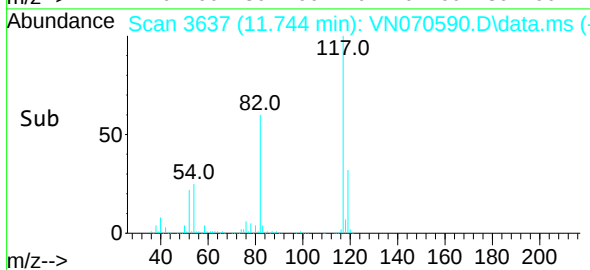
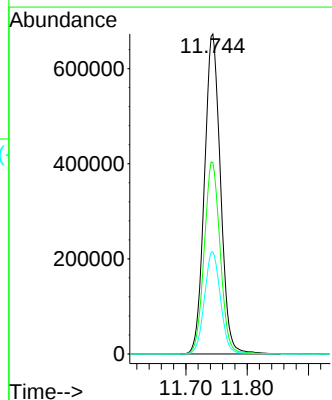
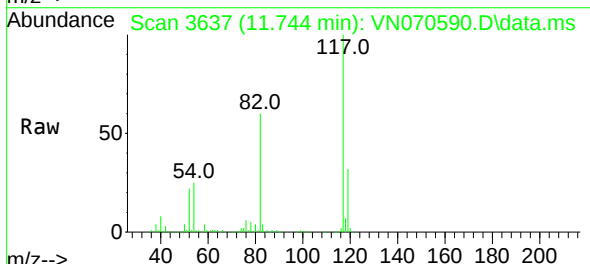
Instrument :
MSVOA_N
ClientSampleId :

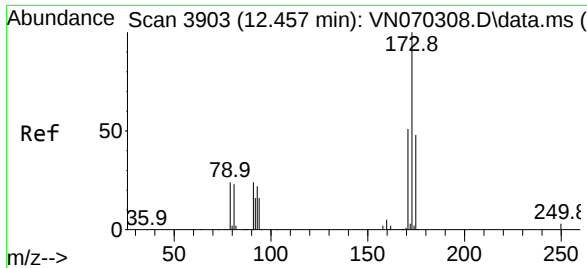
Tgt Ion: 95 Resp: 644668
Ion Ratio Lower Upper
95 100
174 75.3 0.0 187.2
176 71.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion: 117 Resp: 1225175
Ion Ratio Lower Upper
117 100
82 59.9 42.4 63.6
119 31.9 25.4 38.2

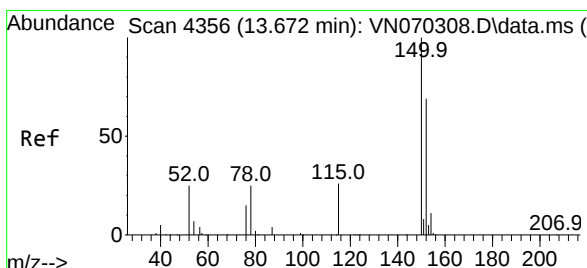
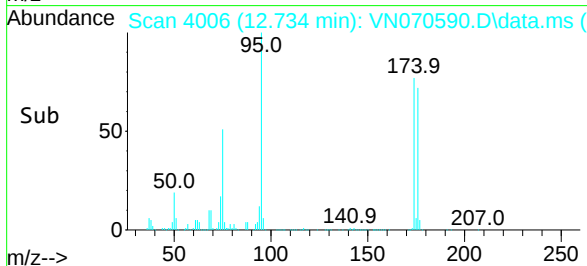
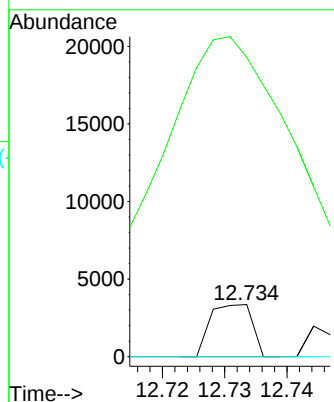
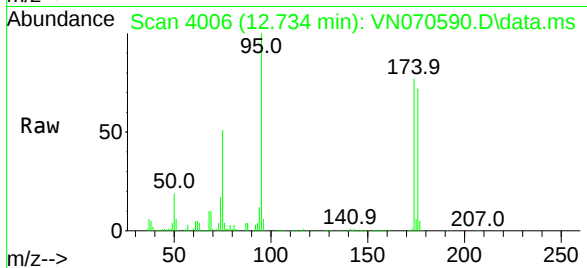




#71
Bromoform
Concen: 0.227 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.277 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

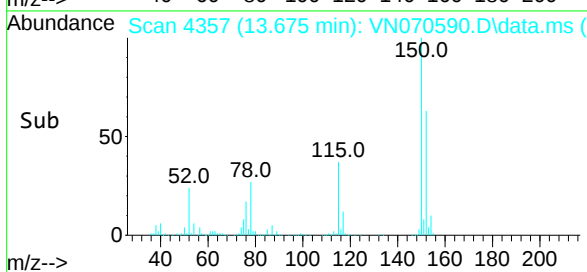
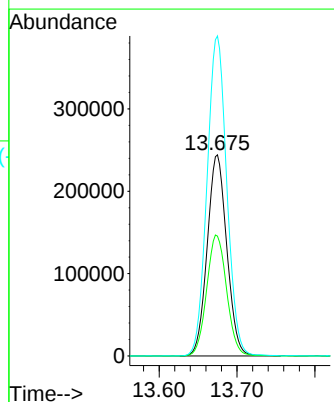
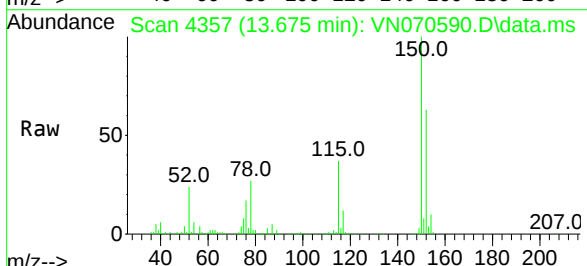
Instrument :
MSVOA_N
ClientSampleId :

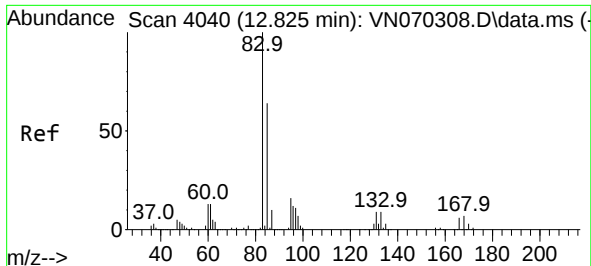
Tgt Ion:173 Resp: 1566
Ion Ratio Lower Upper
173 100
175 2149.4 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Tgt Ion:152 Resp: 427729
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 160.4 0.0 344.4

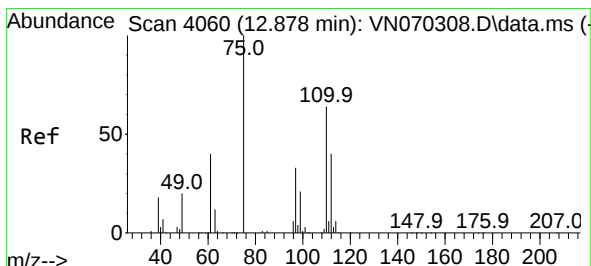
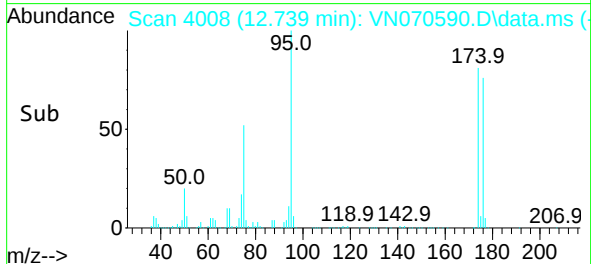
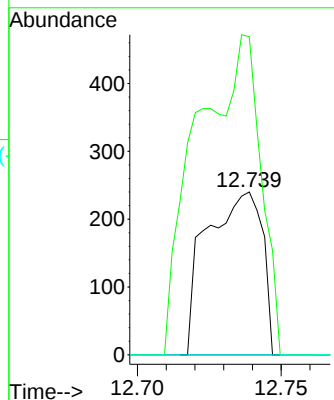
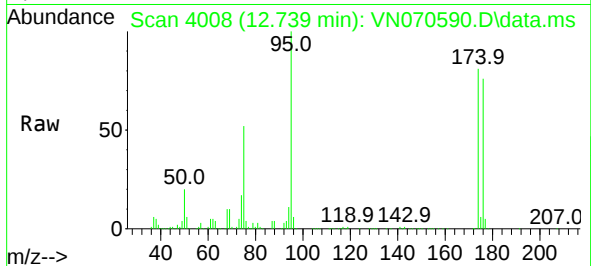




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.469 ug/l
 RT: 12.739 min Scan# 4008
 Delta R.T. -0.086 min
 Lab File: VN070590.D
 Acq: 12 Jan 2022 16:51

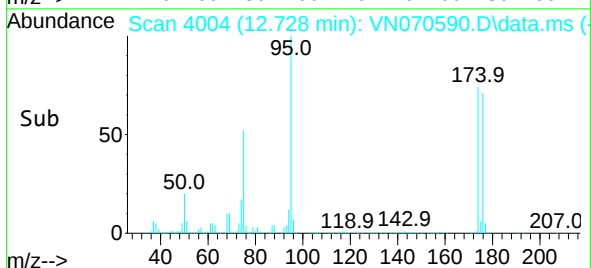
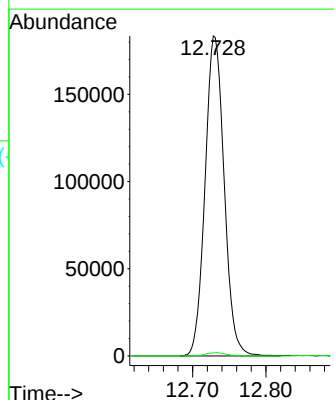
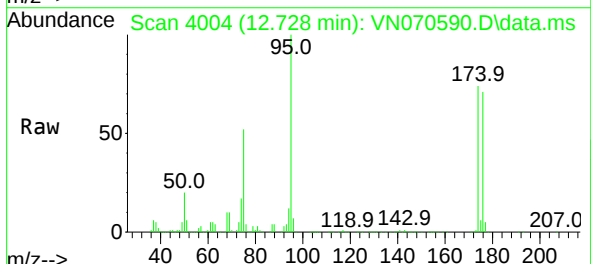
Instrument :
 MSVOA_N
 ClientSampleId :

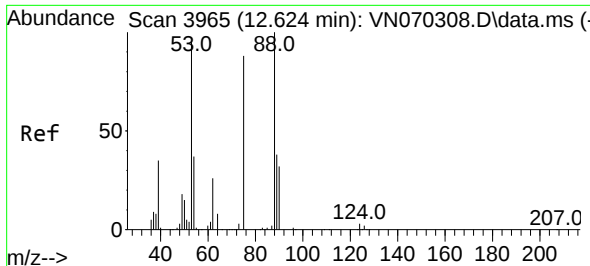
Tgt Ion: 83 Resp: 323
 Ion Ratio Lower Upper
 83 100
 131 101.2 5.5 16.5#
 85 0.0 32.4 97.2#



#76
 1,2,3-Trichloropropane
 Concen: 27.542 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. -0.150 min
 Lab File: VN070590.D
 Acq: 12 Jan 2022 16:51

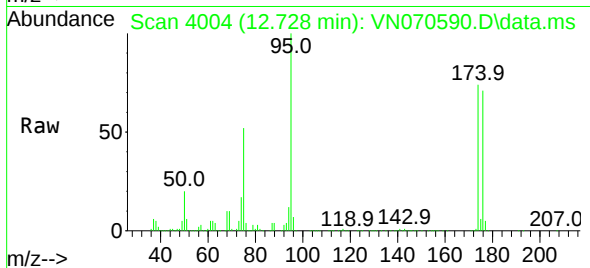
Tgt Ion: 75 Resp: 332308
 Ion Ratio Lower Upper
 75 100
 77 1.1 82.6 247.8#



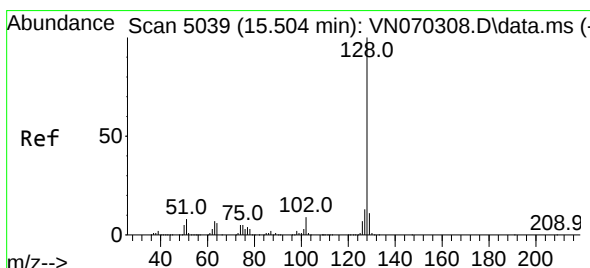
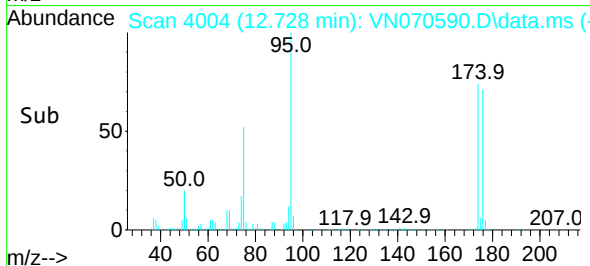
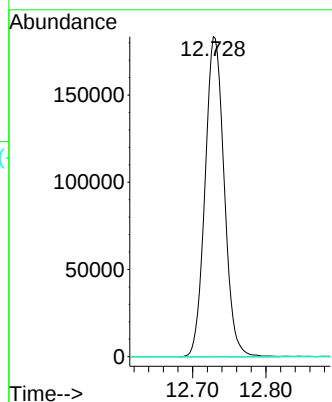


#81
trans-1,4-Dichloro-2-butene
Concen: 94.921 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

Instrument :
MSVOA_N
ClientSampleId :

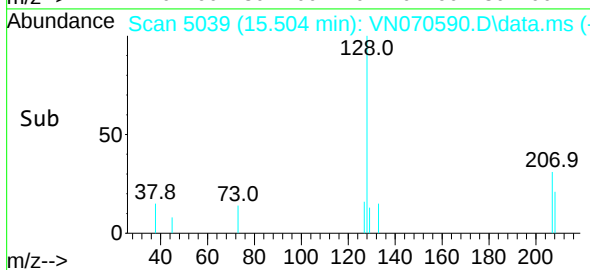
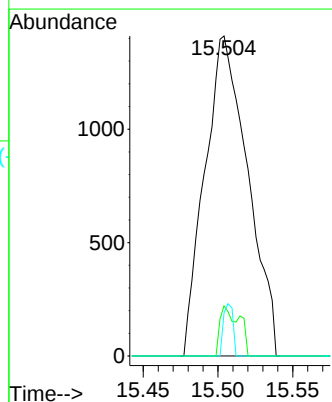
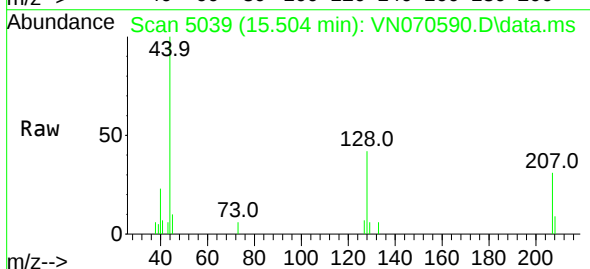


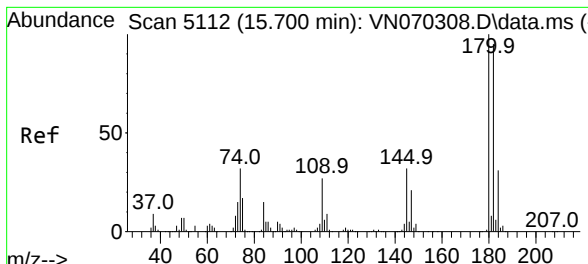
Tgt Ion: 75 Resp: 332308
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.936 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070590.D
Acq: 12 Jan 2022 16:51

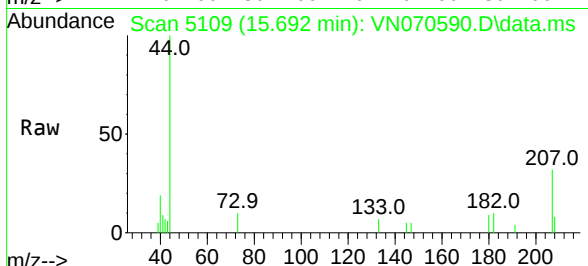
Tgt Ion: 128 Resp: 2816
Ion Ratio Lower Upper
128 100
127 7.0 10.5 15.7#
129 3.6 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.864 ug/l
 RT: 15.692 min Scan# 51
 Delta R.T. -0.008 min
 Lab File: VN070590.D
 Acq: 12 Jan 2022 16:51

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:	180	Resp:	260
Ion	Ratio	Lower	Upper
180	100		
182	130.8	47.4	142.2
145	20.0	15.0	45.1

