

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070593.D
 Acq On : 12 Jan 2022 18:07
 Operator : JC/MD
 Sample : PB141975TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 04:27:56 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

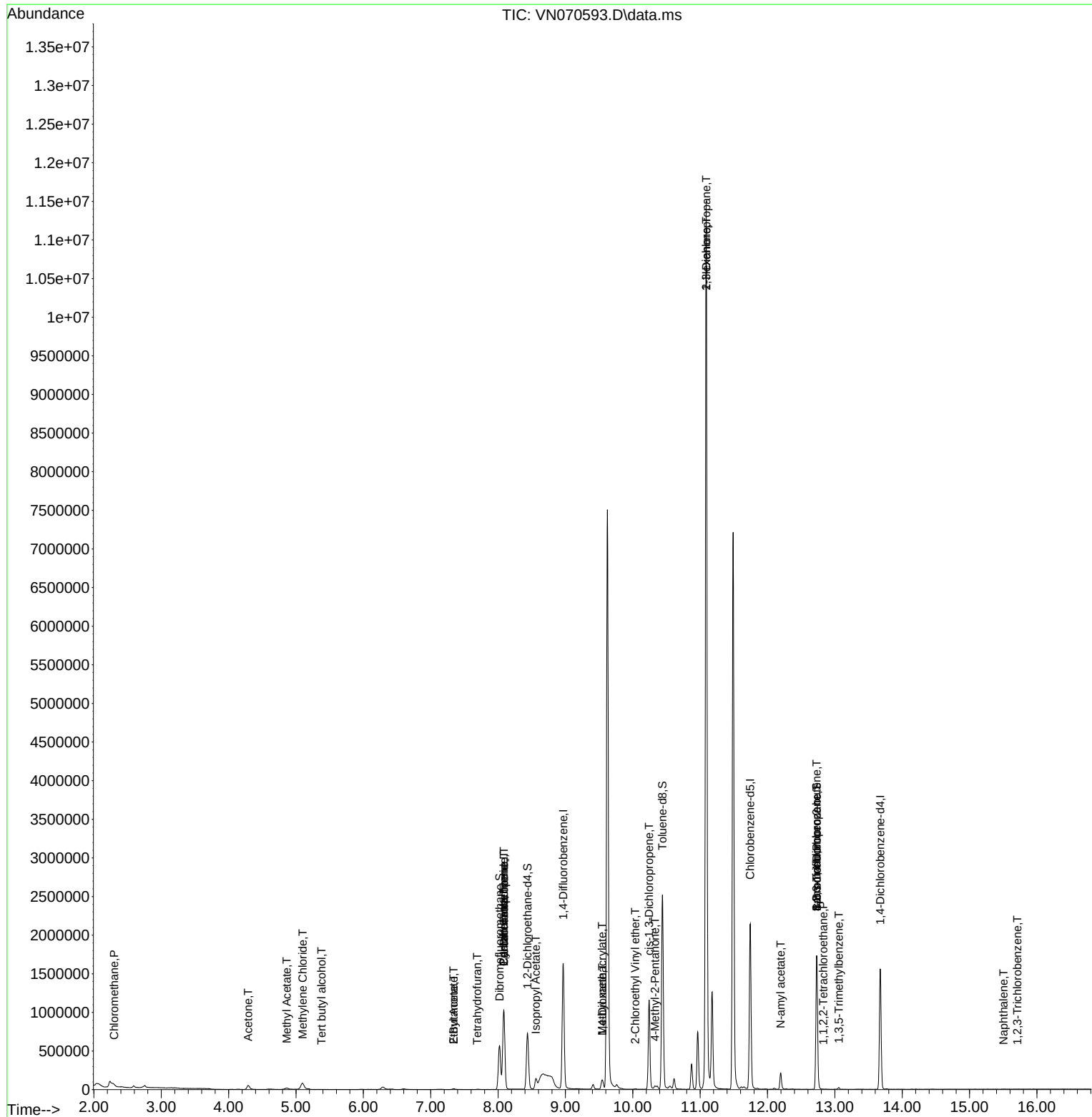
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	800312	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1402283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1237816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	429053	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	605212	52.595	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.200%	
35) Dibromofluoromethane	8.021	113	431684	50.879	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.760%	
50) Toluene-d8	10.440	98	1741975	50.259	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.520%	
62) 4-Bromofluorobenzene	12.731	95	644382	51.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 102.940%	
Target Compounds						Qvalue
3) Chloromethane	2.301	50	2908	0.236	ug/l	99
11) Tert butyl alcohol	5.380	59	524	0.273	ug/l #	71
16) Acetone	4.288	43	94535	12.656	ug/l	94
18) Methyl Acetate	4.865	43	38961	1.803	ug/l #	88
20) Methylene Chloride	5.101	84	57146	5.529	ug/l	88
25) 2-Butanone	7.340	43	9001	0.957	ug/l	91
29) Tetrahydrofuran	7.691	42	1560	0.278	ug/l #	86
31) Cyclohexane	8.083	56	18121	0.998	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	63366	4.515	ug/l #	43
37) Ethyl Acetate	7.340	43	9001	0.495	ug/l #	68
38) Carbon Tetrachloride	8.086	117	77445	5.778	ug/l #	16
43) Isopropyl Acetate	8.560	43	171352	5.974	ug/l #	82
48) Methyl methacrylate	9.545	41	37139	2.714	ug/l #	8
49) 1,4-Dioxane	9.550	88	55	0.275	ug/l #	1
51) 4-Methyl-2-Pentanone	10.331	43	22527	1.250	ug/l	95
54) cis-1,3-Dichloropropene	10.242	75	195788	11.687	ug/l #	62
57) 1,3-Dichloropropane	11.090	76	116667	6.401	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.038	63	2625	19.072	ug/l #	70
59) 2-Hexanone	11.090	43	1944857	147.968	ug/l #	49
71) Bromoform	12.731	173	3075	0.442	ug/l #	1
74) N-amyl acetate	12.195	43	76800	4.584	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.827	83	50	0.450	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	329932	27.288	ug/l #	1
80) 1,3,5-Trimethylbenzene	13.058	105	9848	0.308	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.731	75	329932	93.951	ug/l #	5
95) Naphthalene	15.504	128	2108	1.901	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.708	180	226	0.859	ug/l #	83

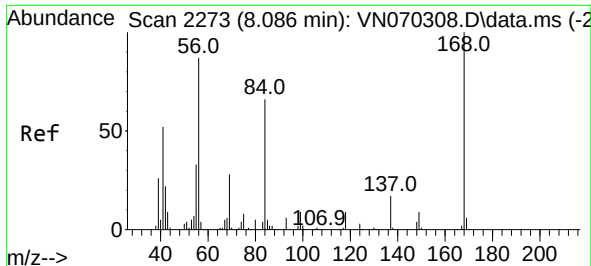
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
Data File : VN070593.D
Acq On : 12 Jan 2022 18:07
Operator : JC/MD
Sample : PB141975TB
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 13 04:27:56 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

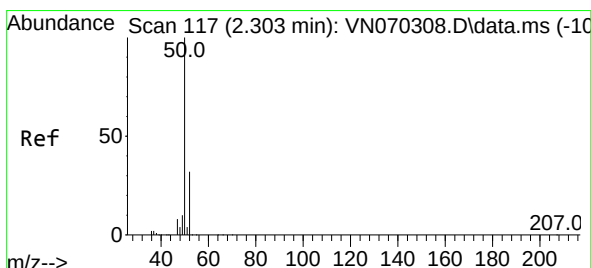
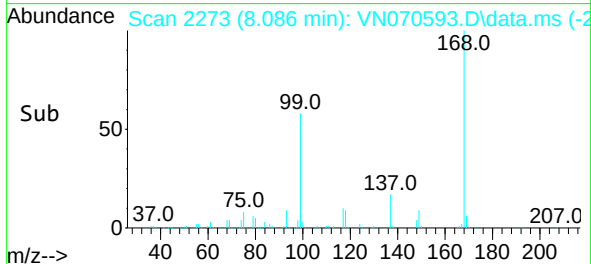
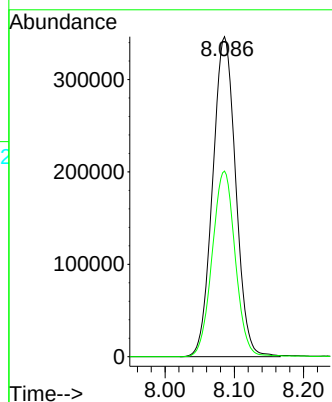
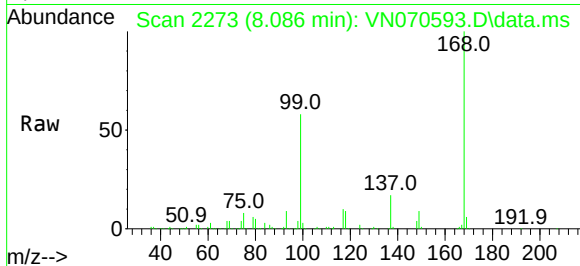




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

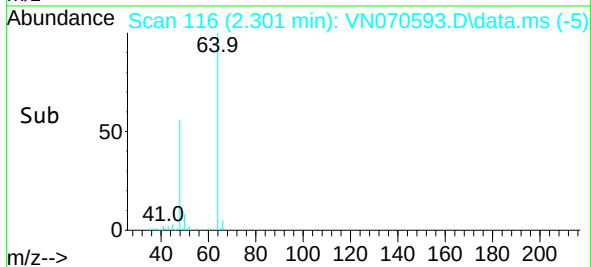
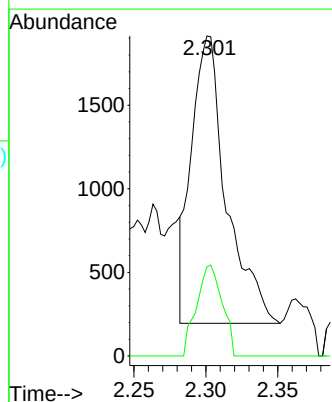
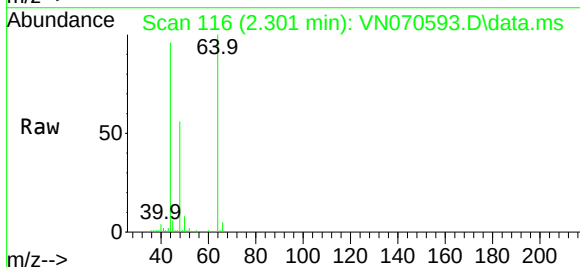
Instrument :
MSVOA_N
ClientSampleId :

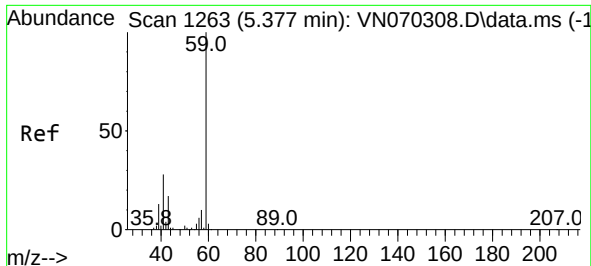
Tgt Ion:168 Resp: 800312
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 50 Resp: 2908
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0





#11

Tert butyl alcohol

Concen: 0.273 ug/l

RT: 5.380 min Scan# 11

Delta R.T. 0.003 min

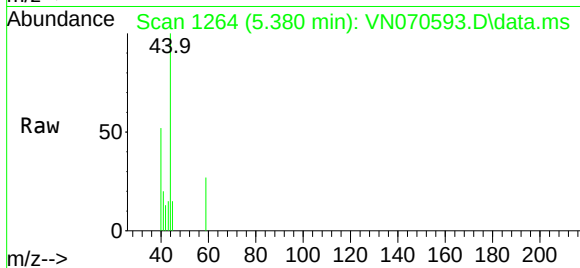
Lab File: VN070593.D

Acq: 12 Jan 2022 18:07

Instrument :

MSVOA_N

ClientSampleId :

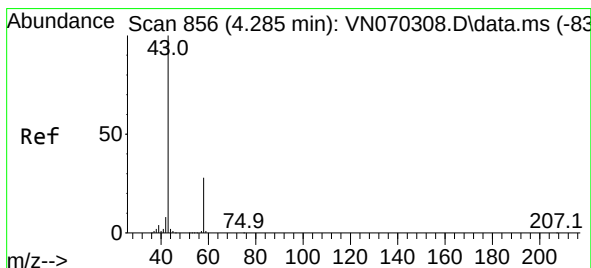
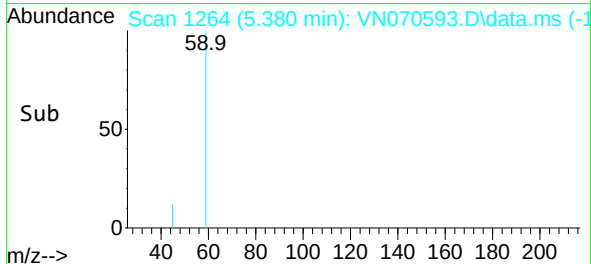
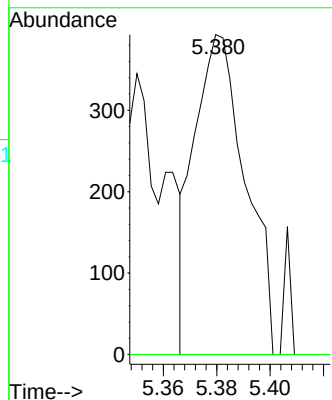


Tgt Ion: 59 Resp: 524

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#16

Acetone

Concen: 12.656 ug/l

RT: 4.288 min Scan# 857

Delta R.T. 0.003 min

Lab File: VN070593.D

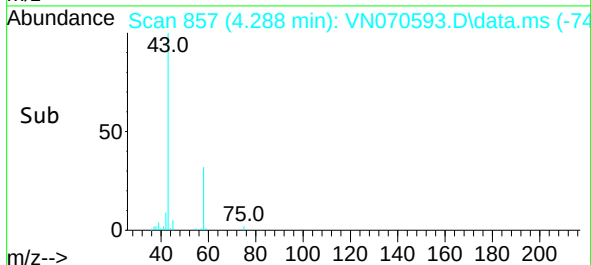
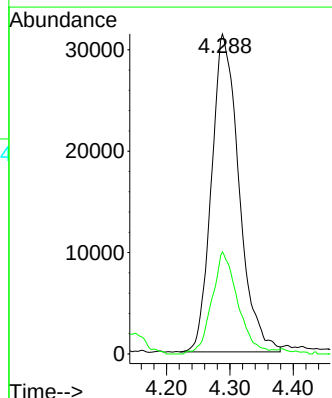
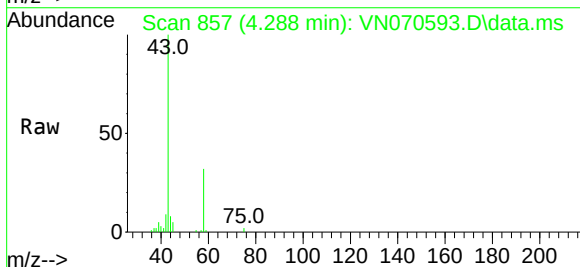
Acq: 12 Jan 2022 18:07

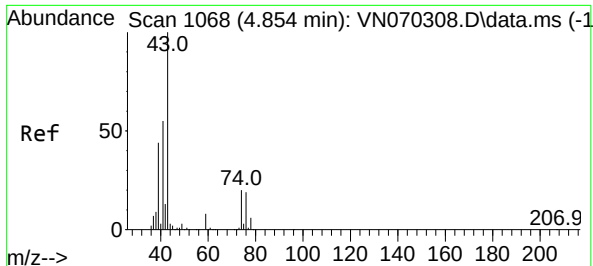
Tgt Ion: 43 Resp: 94535

Ion Ratio Lower Upper

43 100

58 32.1 23.1 34.7

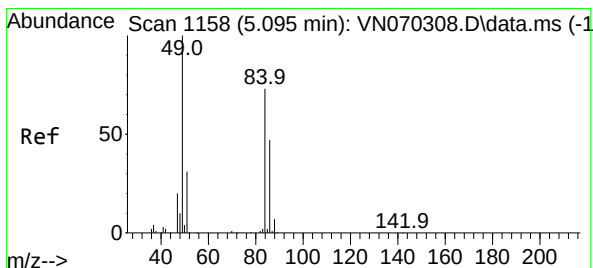
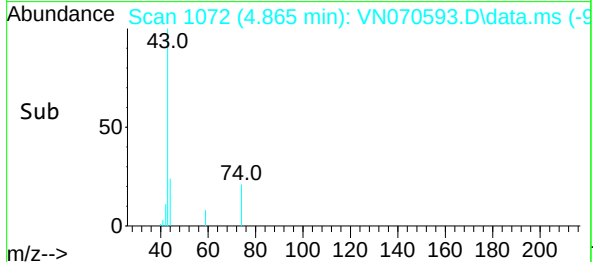
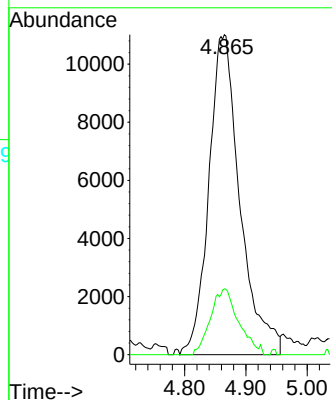
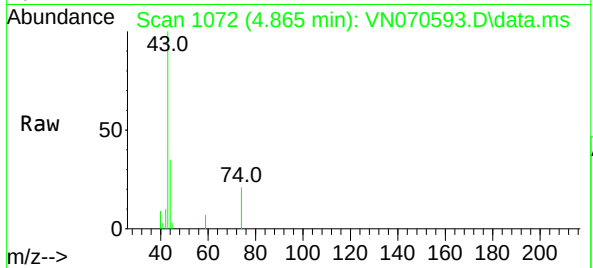




#18
Methyl Acetate
Concen: 1.803 ug/l
RT: 4.865 min Scan# 110
Delta R.T. 0.011 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

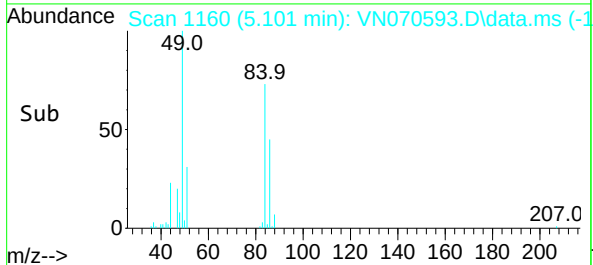
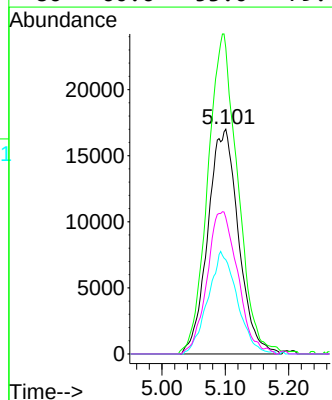
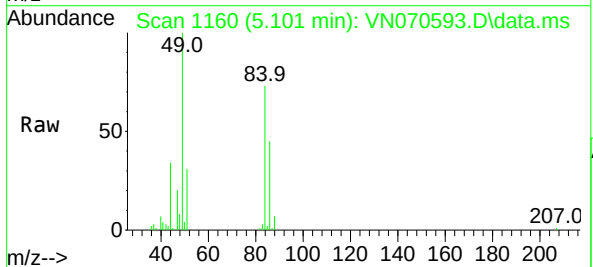
Instrument :
MSVOA_N
ClientSampleId :

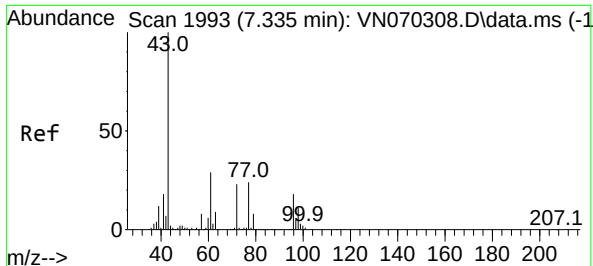
Tgt Ion: 43 Resp: 38961
Ion Ratio Lower Upper
43 100
74 18.6 19.4 29.2#



#20
Methylene Chloride
Concen: 5.529 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 84 Resp: 57146
Ion Ratio Lower Upper
84 100
49 135.0 93.5 140.3
51 41.9 29.4 44.2
86 60.6 53.0 79.4





#25

2-Butanone

Concen: 0.957 ug/l

RT: 7.340 min Scan# 1993

Delta R.T. 0.005 min

Lab File: VN070593.D

Acq: 12 Jan 2022 18:07

Instrument :

MSVOA_N

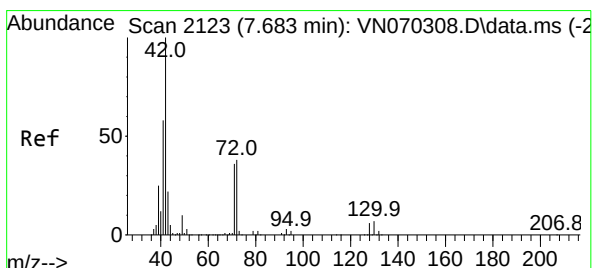
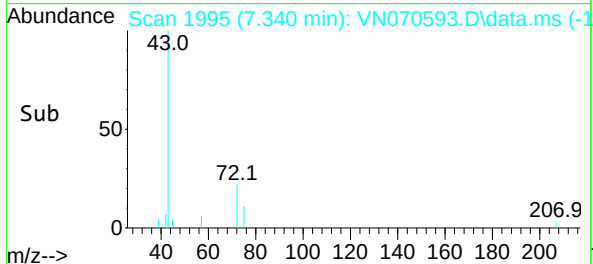
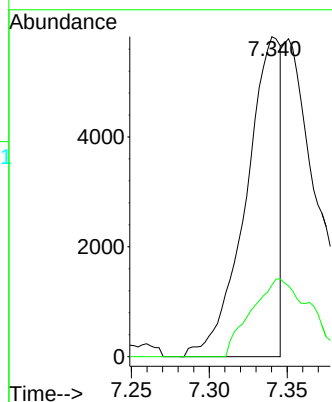
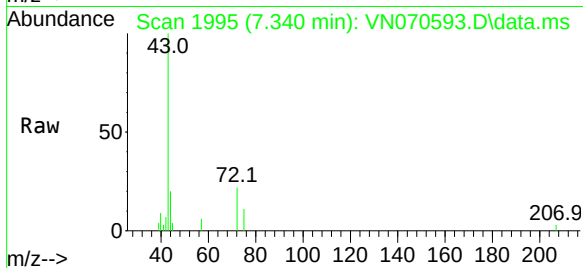
ClientSampleId :

Tgt Ion: 43 Resp: 9001

Ion Ratio Lower Upper

43 100

72 22.4 21.7 32.5



#29

Tetrahydrofuran

Concen: 0.278 ug/l

RT: 7.691 min Scan# 2126

Delta R.T. 0.008 min

Lab File: VN070593.D

Acq: 12 Jan 2022 18:07

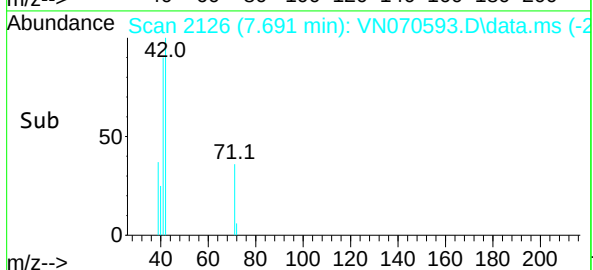
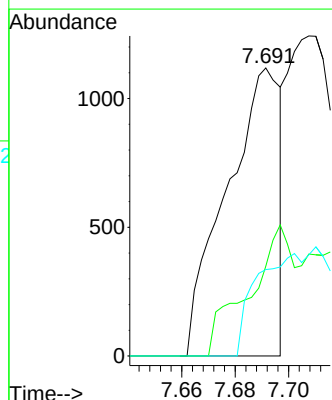
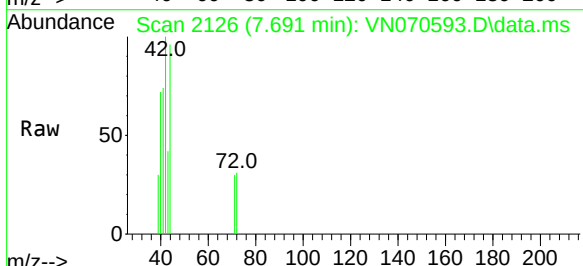
Tgt Ion: 42 Resp: 1560

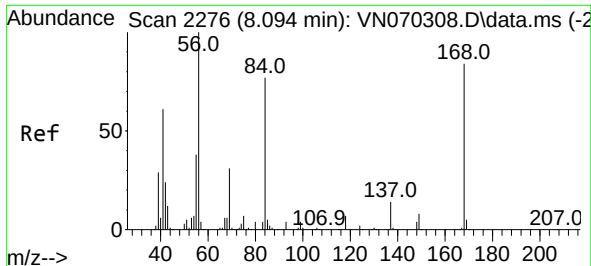
Ion Ratio Lower Upper

42 100

72 40.4 36.3 54.5

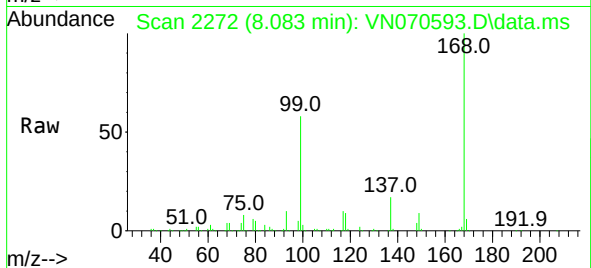
71 30.6 34.7 52.1#



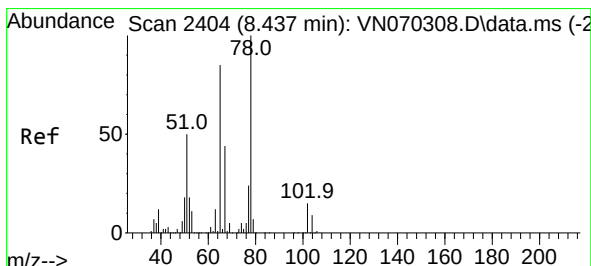
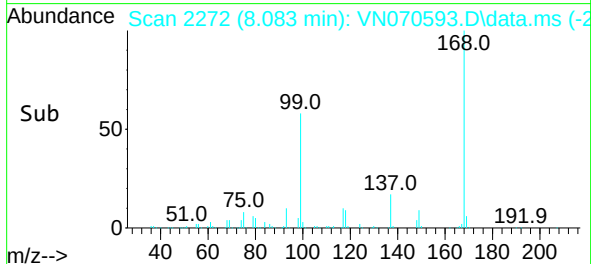
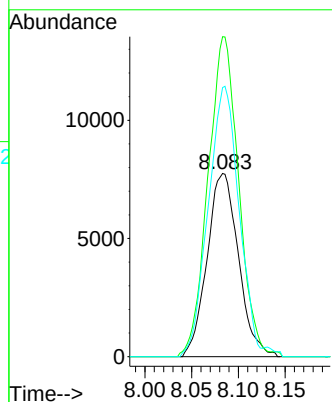


#31
Cyclohexane
Concen: 0.998 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :

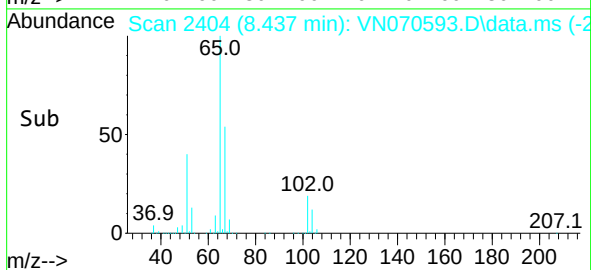
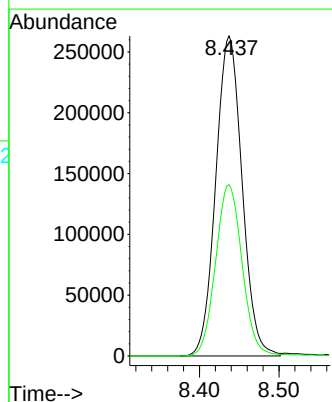
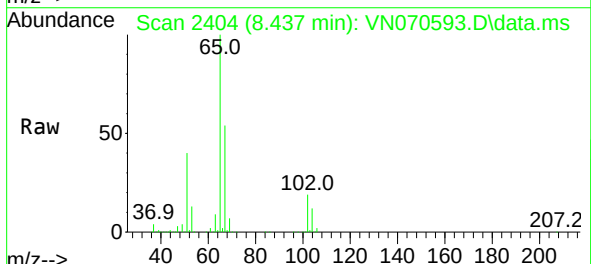


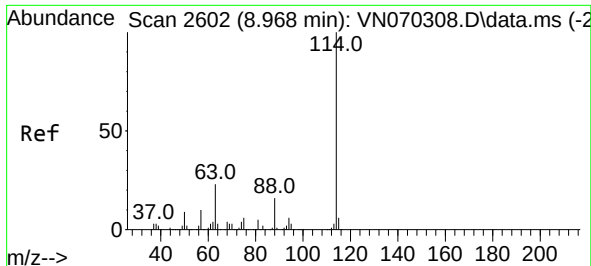
Tgt Ion: 56 Resp: 18121
Ion Ratio Lower Upper
56 100
69 172.7 27.1 40.7#
84 146.9 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 52.595 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

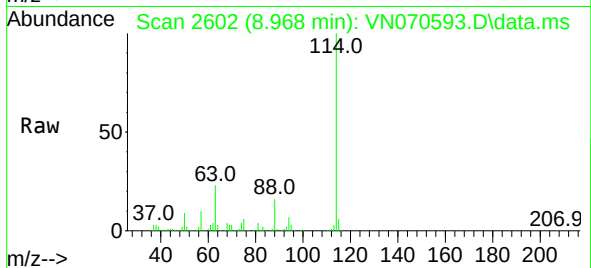
Tgt Ion: 65 Resp: 605212
Ion Ratio Lower Upper
65 100
67 54.0 0.0 103.0



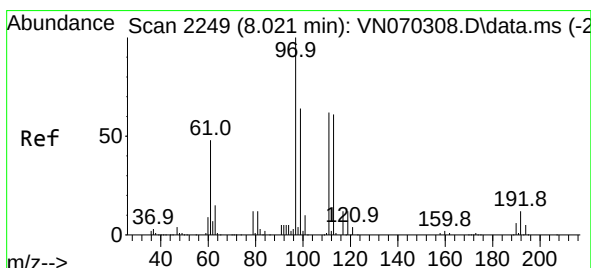
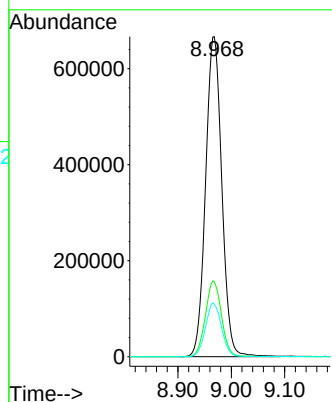
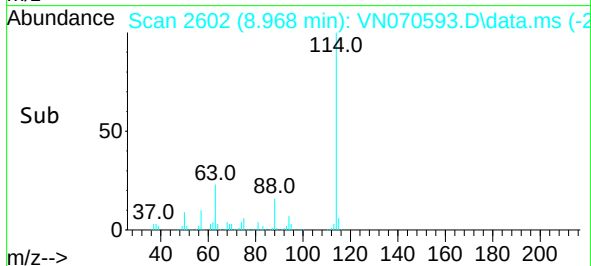


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :

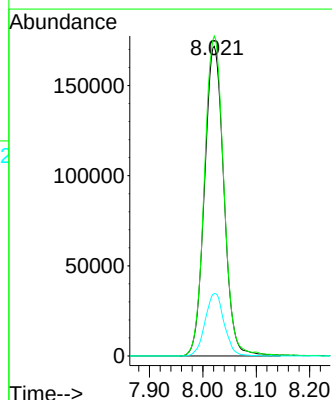
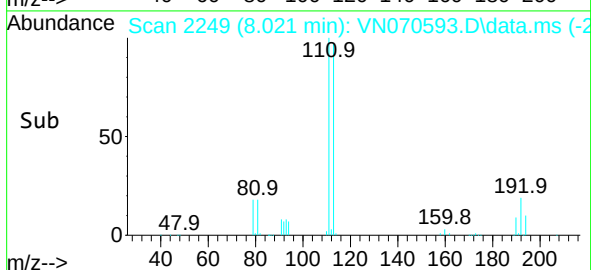
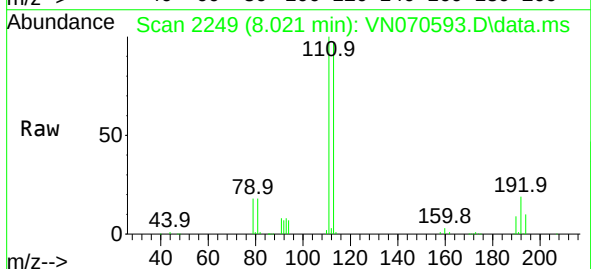


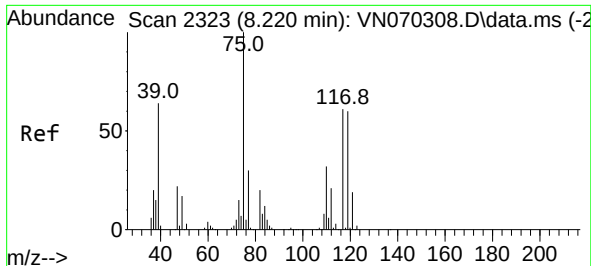
Tgt Ion:114 Resp: 1402283
Ion Ratio Lower Upper
114 100
63 23.4 0.0 37.8
88 16.4 0.0 27.4



#35
Dibromofluoromethane
Concen: 50.879 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

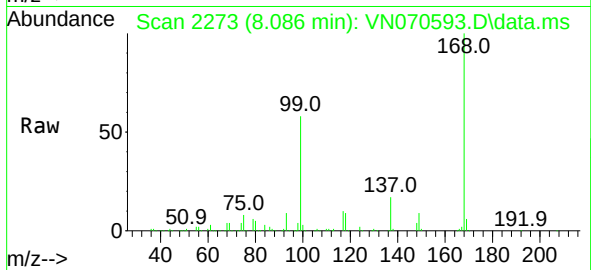
Tgt Ion:113 Resp: 431684
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.9 16.9 25.3



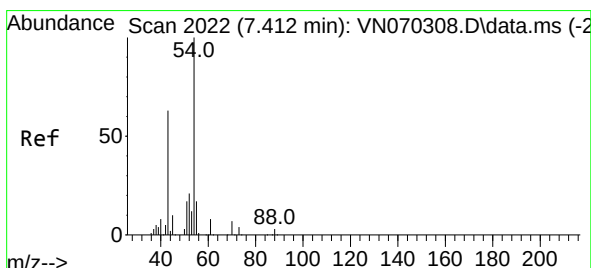
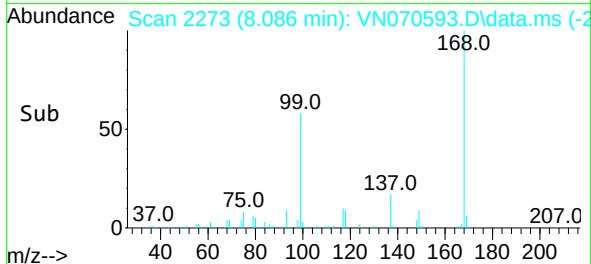
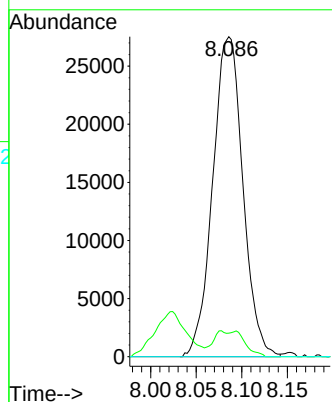


#36
 1,1-Dichloropropene
 Concen: 4.515 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070593.D
 Acq: 12 Jan 2022 18:07

Instrument :
 MSVOA_N
 ClientSampleId :

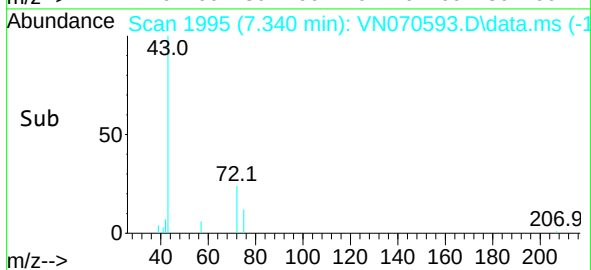
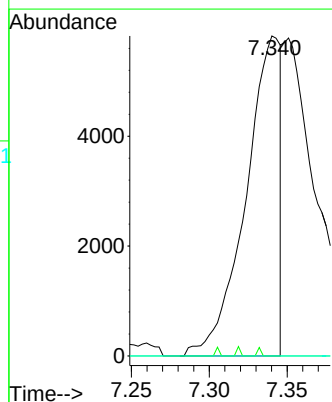
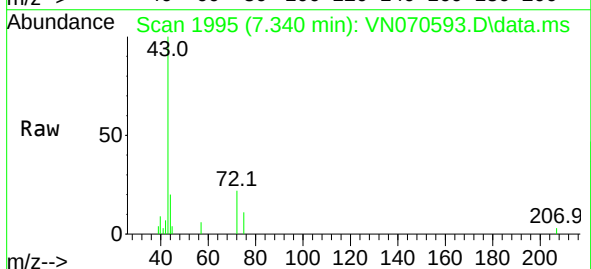


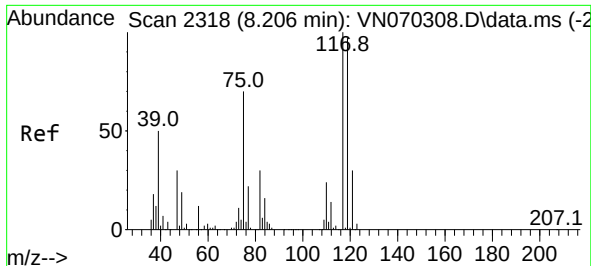
Tgt Ion: 75 Resp: 63366
 Ion Ratio Lower Upper
 75 100
 110 1.9 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 0.495 ug/l
 RT: 7.340 min Scan# 1995
 Delta R.T. -0.072 min
 Lab File: VN070593.D
 Acq: 12 Jan 2022 18:07

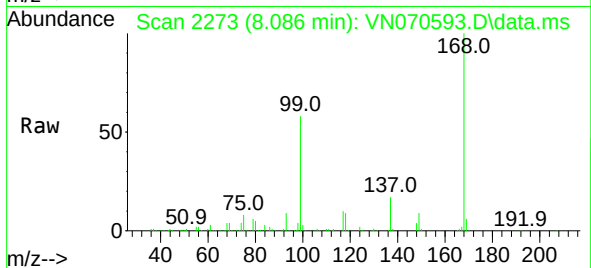
Tgt Ion: 43 Resp: 9001
 Ion Ratio Lower Upper
 43 100
 61 0.0 11.5 17.3#
 70 0.0 7.9 11.9#



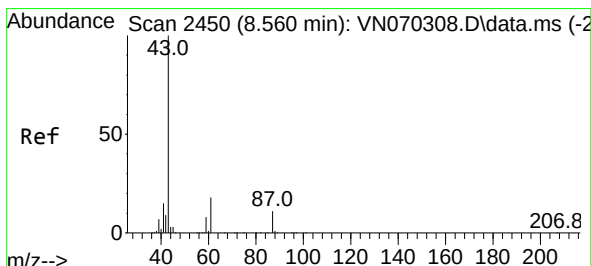
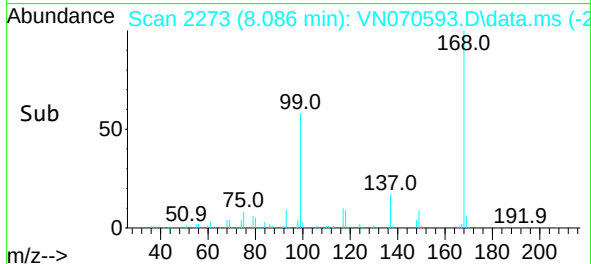
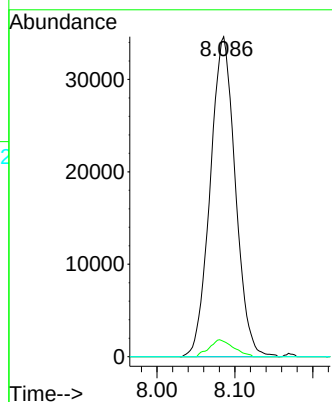


#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 8.086 min Scan# 211
Delta R.T. -0.120 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :

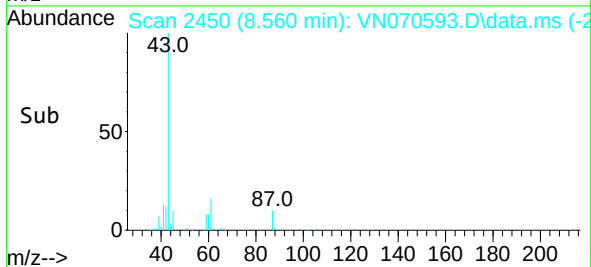
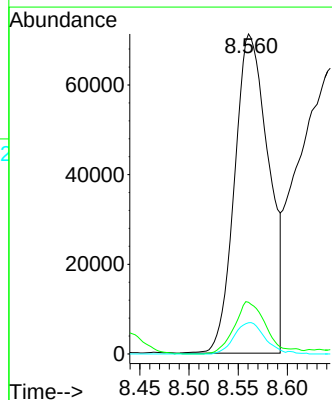
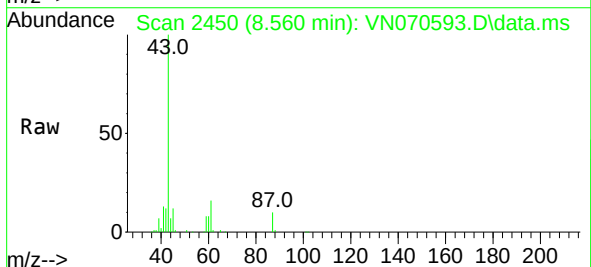


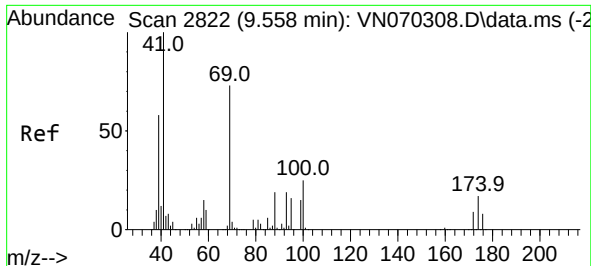
Tgt Ion:117 Resp: 77445
Ion Ratio Lower Upper
117 100
119 4.8 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 5.974 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 43 Resp: 171352
Ion Ratio Lower Upper
43 100
61 15.1 20.4 30.6#
87 8.7 11.2 16.8#

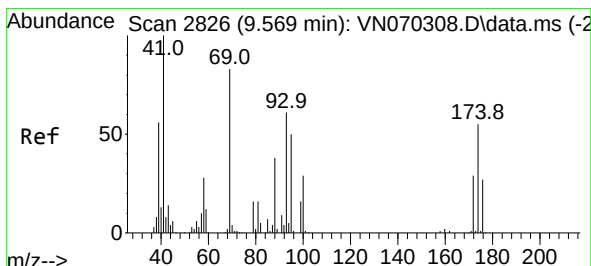
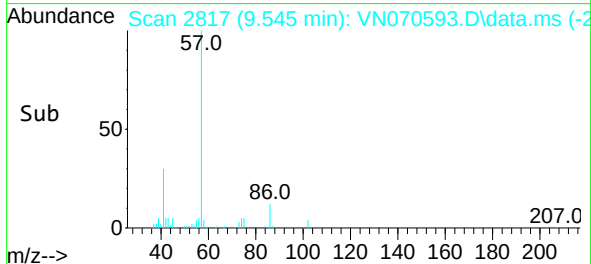
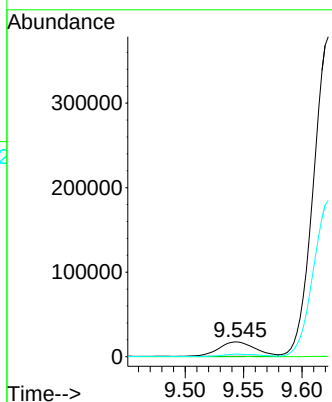
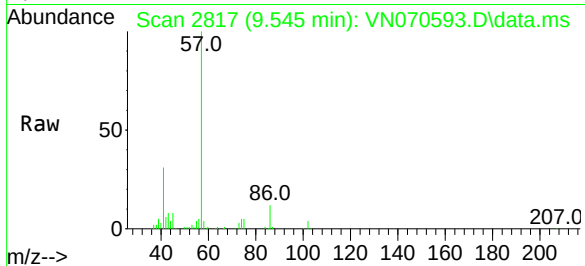




#48
Methyl methacrylate
Concen: 2.714 ug/l
RT: 9.545 min Scan# 2817
Delta R.T. -0.013 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

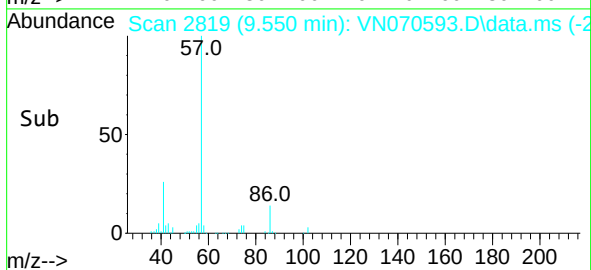
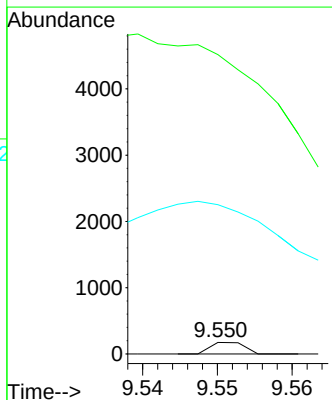
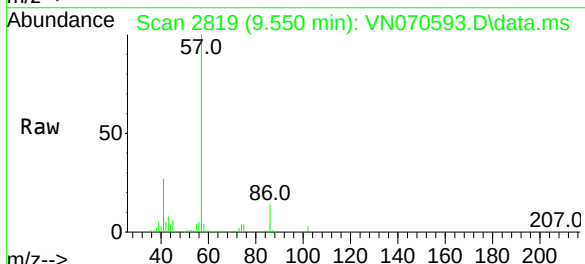
Instrument :
MSVOA_N
ClientSampleId :

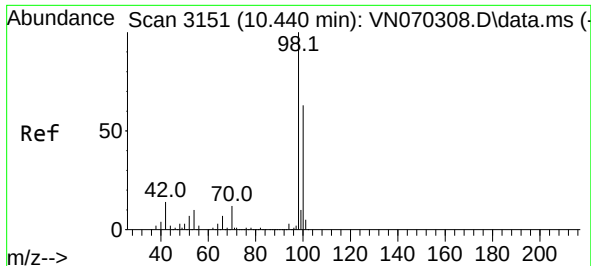
Tgt Ion: 41 Resp: 37139
Ion Ratio Lower Upper
41 100
69 0.1 72.4 108.6#
39 0.0 58.4 87.6#



#49
1,4-Dioxane
Concen: 0.275 ug/l
RT: 9.550 min Scan# 2819
Delta R.T. -0.019 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.2#
58 9725.5 50.6 75.8#

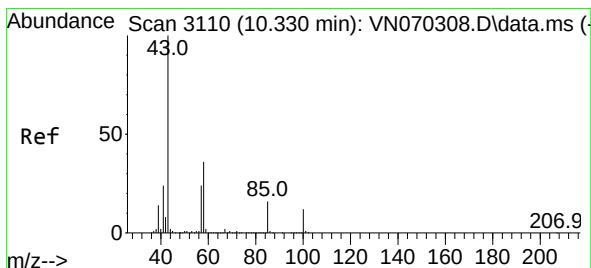
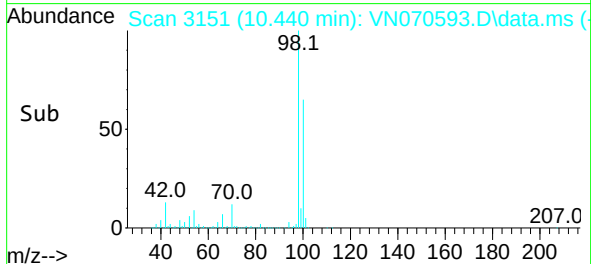
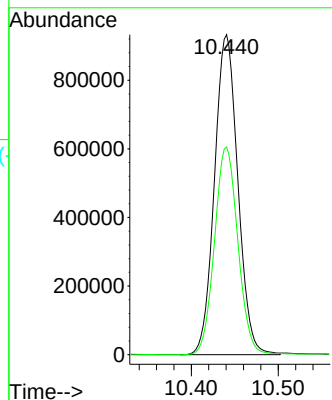
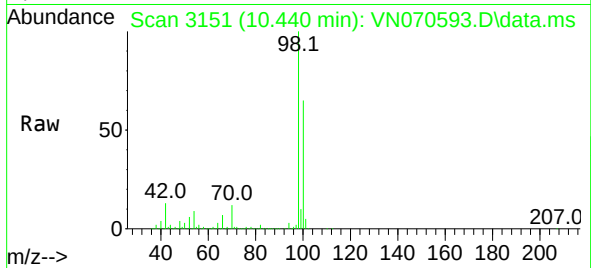




#50
Toluene-d8
Concen: 50.259 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

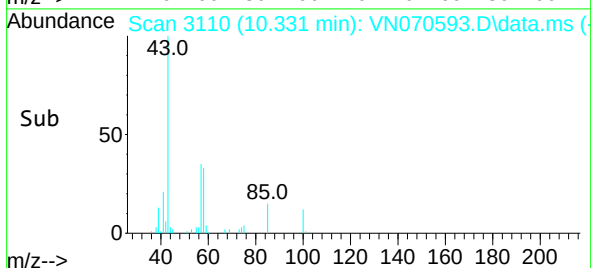
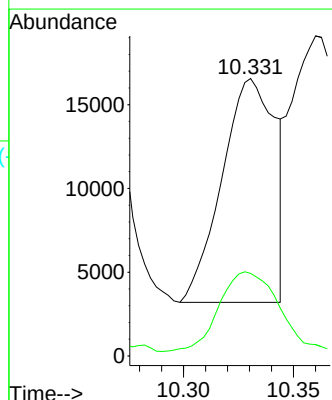
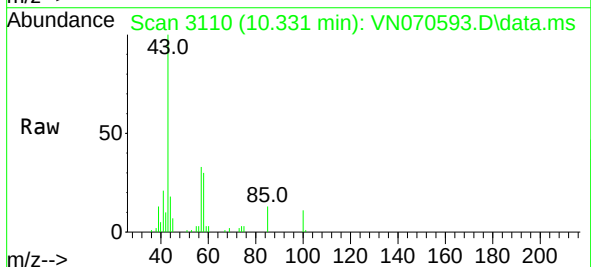
Instrument :
MSVOA_N
ClientSampleId :

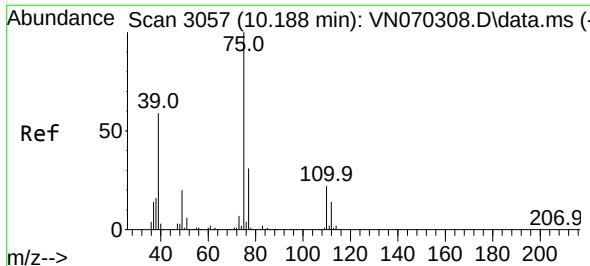
Tgt Ion: 98 Resp: 1741975
Ion Ratio Lower Upper
98 100
100 65.1 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 1.250 ug/l
RT: 10.331 min Scan# 3110
Delta R.T. 0.001 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 43 Resp: 22527
Ion Ratio Lower Upper
43 100
58 41.0 30.4 45.6

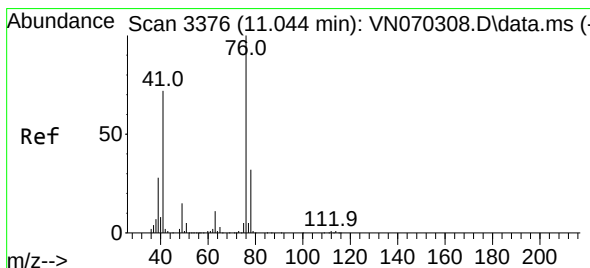
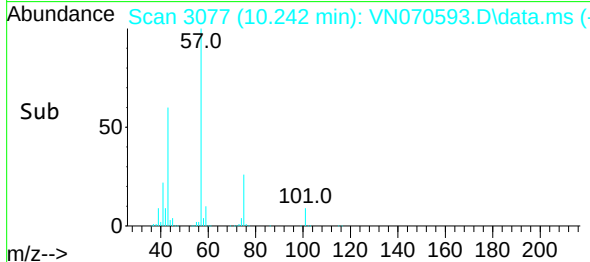
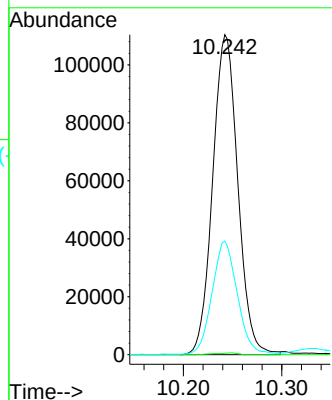
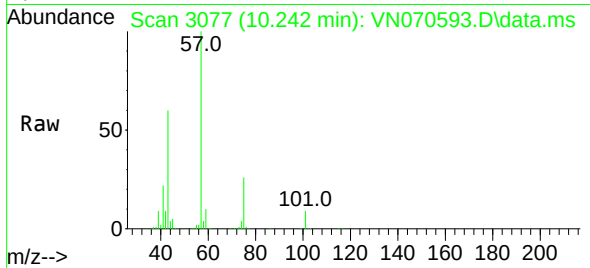




#54
 cis-1,3-Dichloropropene
 Concen: 11.687 ug/l
 RT: 10.242 min Scan# 3057
 Delta R.T. 0.054 min
 Lab File: VN070593.D
 Acq: 12 Jan 2022 18:07

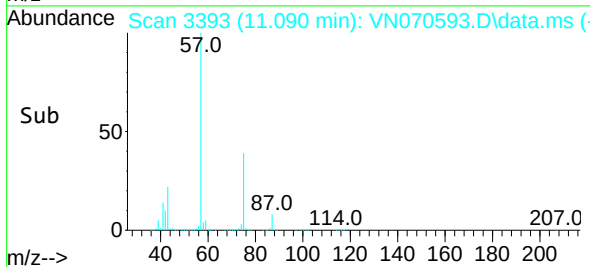
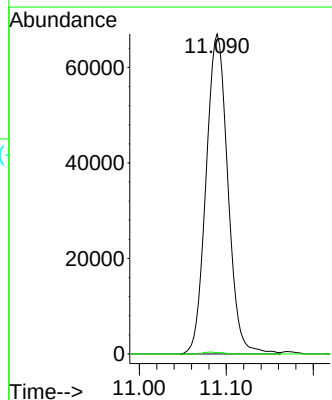
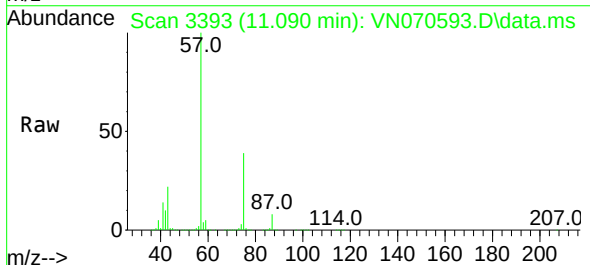
Instrument :
 MSVOA_N
 ClientSampleId :

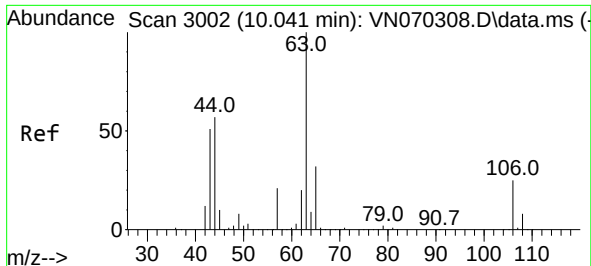
Tgt Ion: 75 Resp: 195788
 Ion Ratio Lower Upper
 75 100
 77 0.4 26.4 39.6#
 39 35.3 42.5 63.7#



#57
 1,3-Dichloropropane
 Concen: 6.401 ug/l
 RT: 11.090 min Scan# 3393
 Delta R.T. 0.046 min
 Lab File: VN070593.D
 Acq: 12 Jan 2022 18:07

Tgt Ion: 76 Resp: 116667
 Ion Ratio Lower Upper
 76 100
 78 0.5 25.7 38.5#

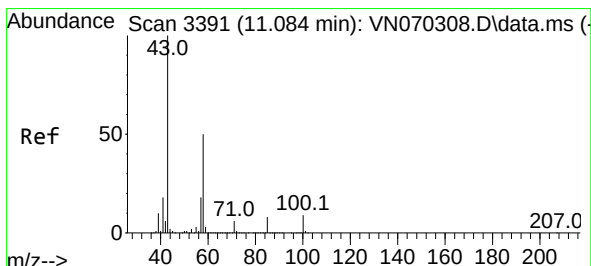
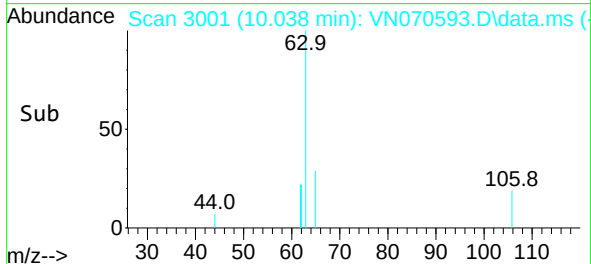
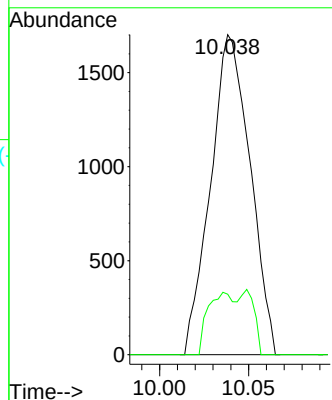
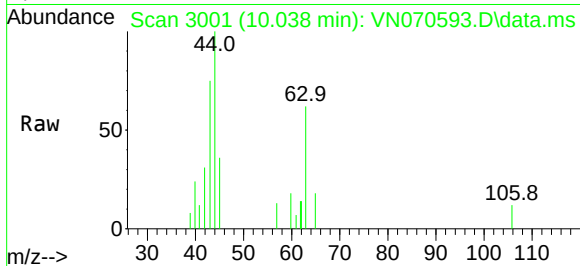




#58
2-Chloroethyl Vinyl ether
Concen: 19.072 ug/l
RT: 10.038 min Scan# 3002
Delta R.T. -0.003 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

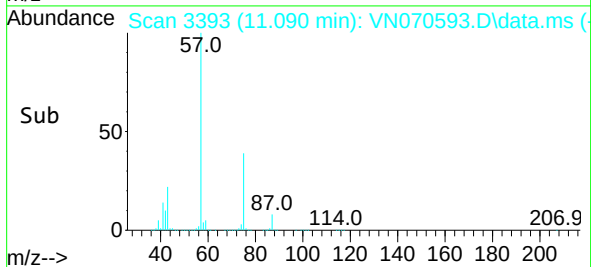
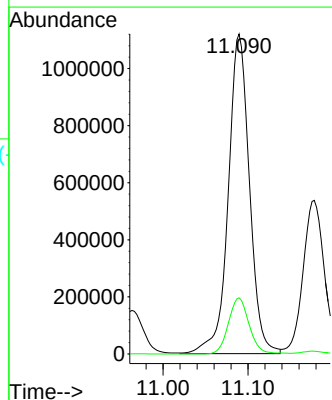
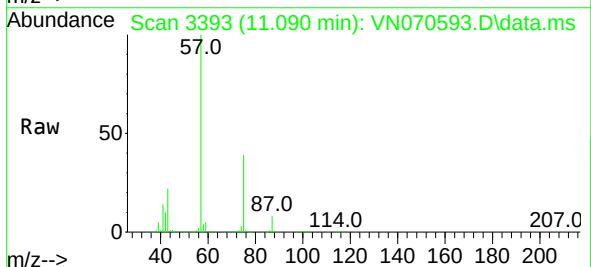
Instrument :
MSVOA_N
ClientSampleId :

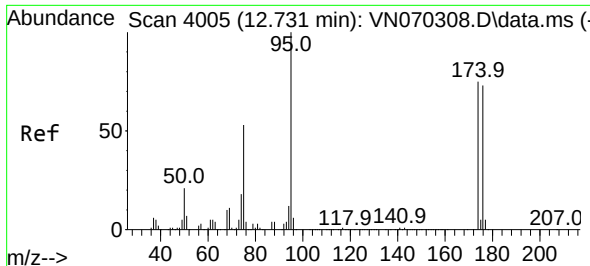
Tgt Ion: 63 Resp: 2625
Ion Ratio Lower Upper
63 100
106 13.8 23.9 35.9#



#59
2-Hexanone
Concen: 147.968 ug/l
RT: 11.090 min Scan# 3393
Delta R.T. 0.006 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 43 Resp: 1944857
Ion Ratio Lower Upper
43 100
58 17.2 26.9 80.7#

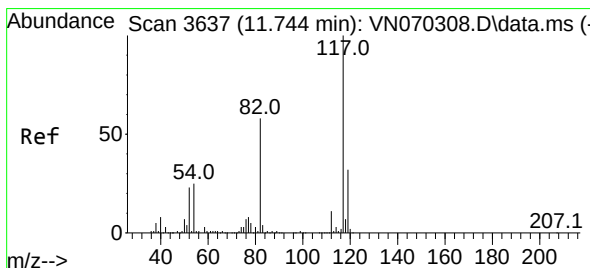
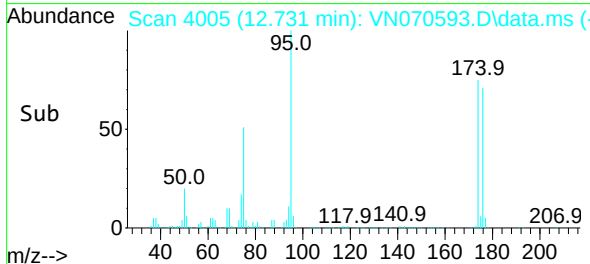
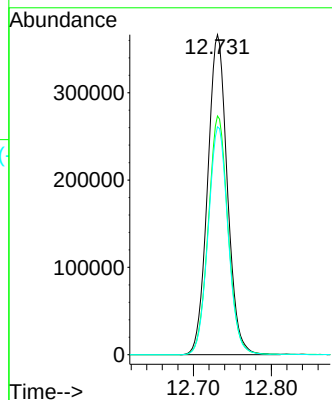
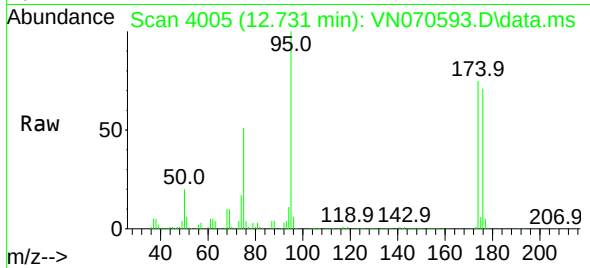




#62
4-Bromofluorobenzene
Concen: 51.474 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

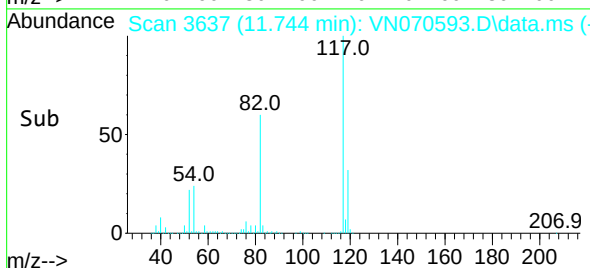
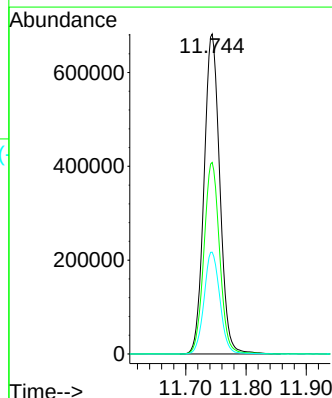
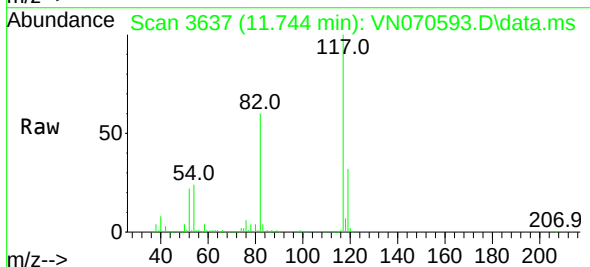
Instrument :
MSVOA_N
ClientSampleId :

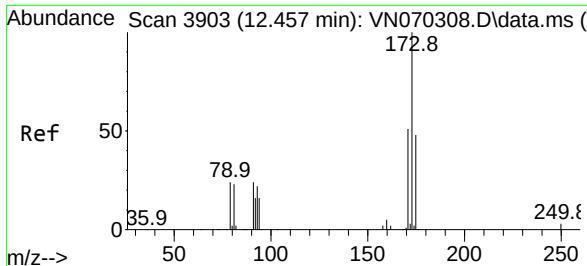
Tgt Ion: 95 Resp: 644382
Ion Ratio Lower Upper
95 100
174 74.9 0.0 187.2
176 72.0 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 117 Resp: 1237816
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 25.4 38.2

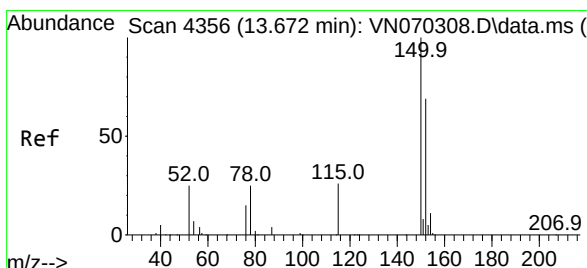
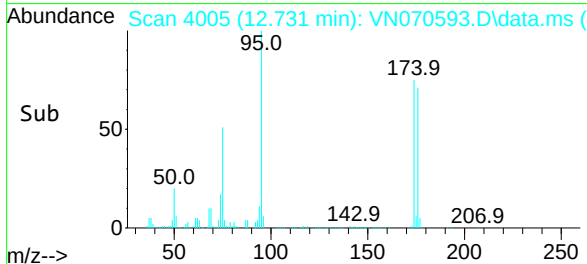
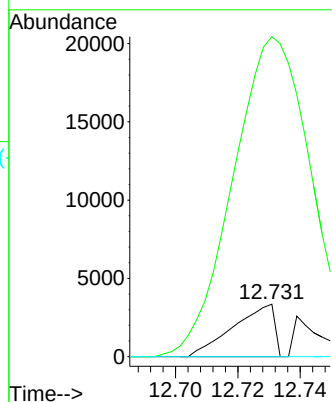
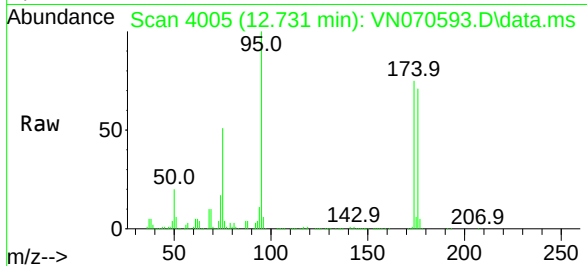




#71
Bromoform
Concen: 0.442 ug/l
RT: 12.731 min Scan# 40
Delta R.T. 0.274 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

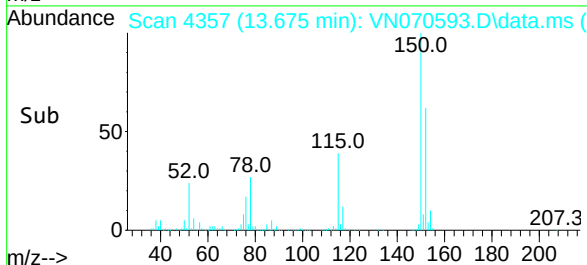
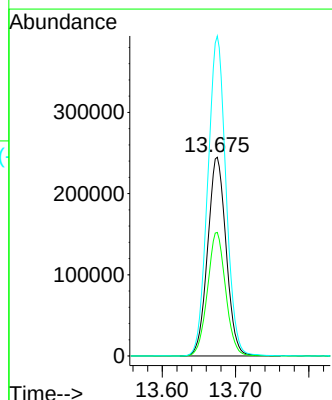
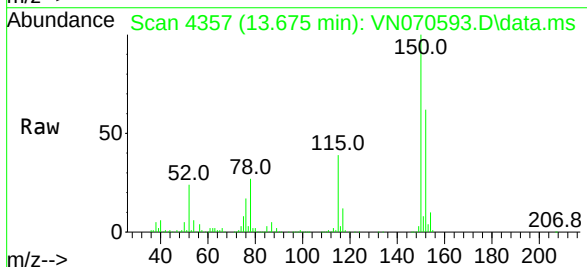
Instrument :
MSVOA_N
ClientSampleId :

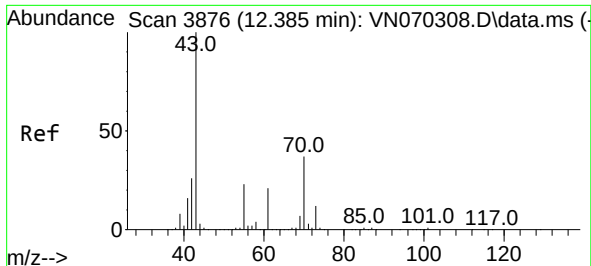
Tgt Ion:173 Resp: 3075
Ion Ratio Lower Upper
173 100
175 1087.1 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

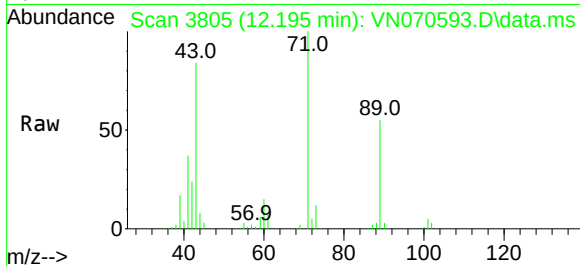
Tgt Ion:152 Resp: 429053
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 158.8 0.0 344.4



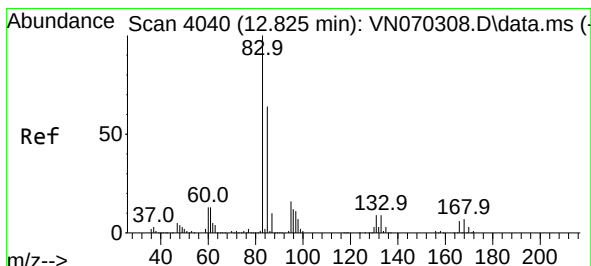
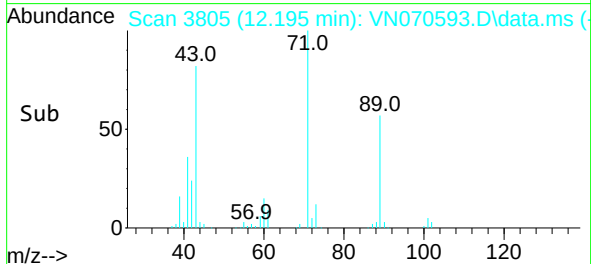
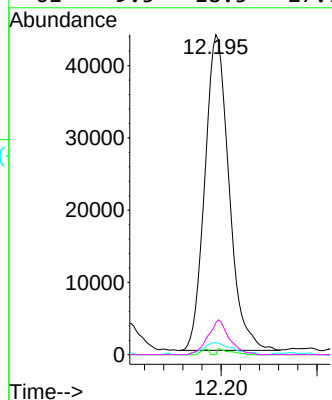


#74
N-amy1 acetate
Concen: 4.584 ug/l
RT: 12.195 min Scan# 3876
Delta R.T. -0.191 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :

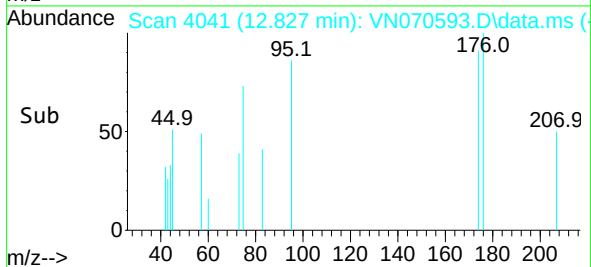
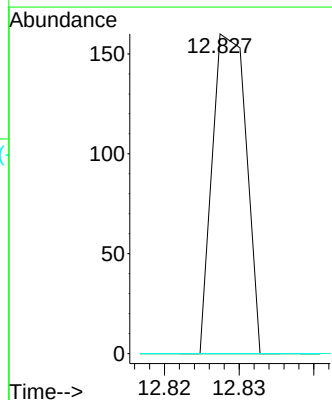
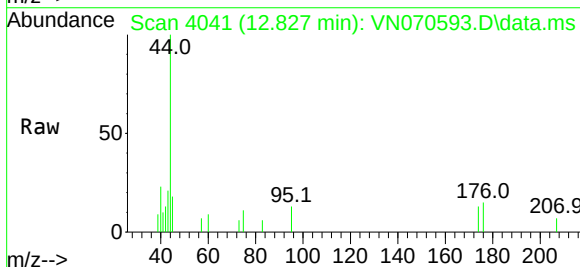


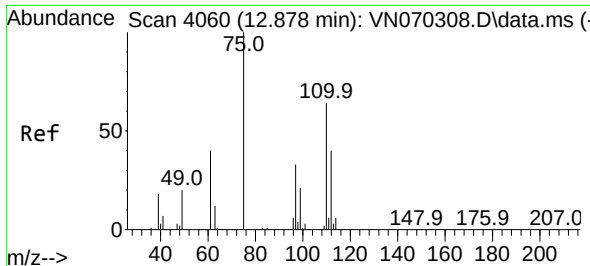
Tgt Ion: 43	Resp: 76800
Ion Ratio	Lower Upper
43 100	
70 1.0	33.4 50.0#
55 4.6	19.3 28.9#
61 9.5	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.450 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.002 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Tgt Ion: 83	Resp: 50
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 0.0	32.4 97.2#

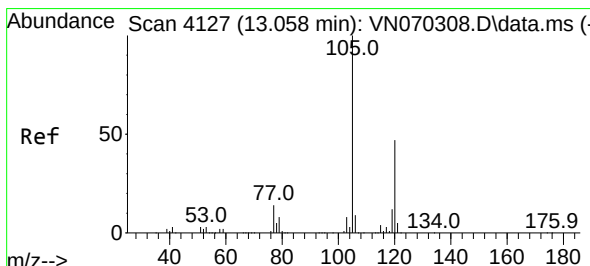
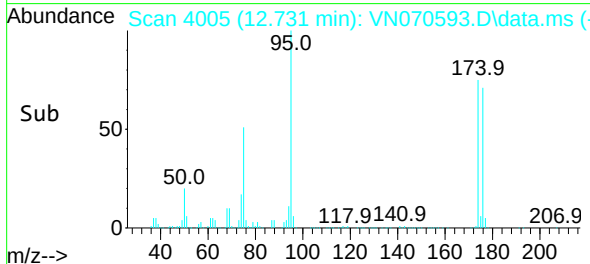
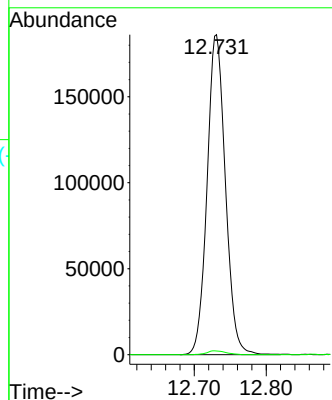
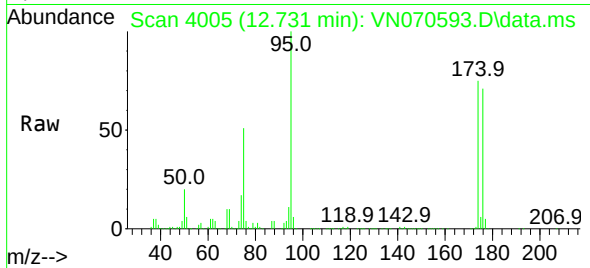




#76
1,2,3-Trichloropropane
Concen: 27.288 ug/l
RT: 12.731 min Scan# 4060
Delta R.T. -0.147 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

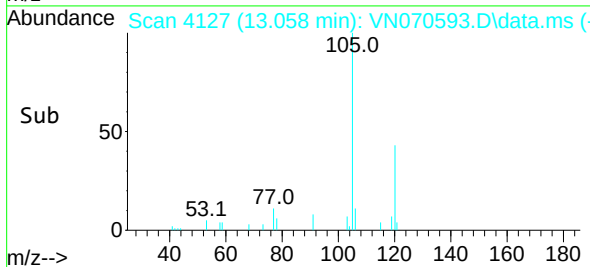
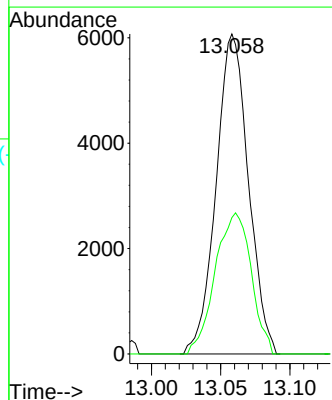
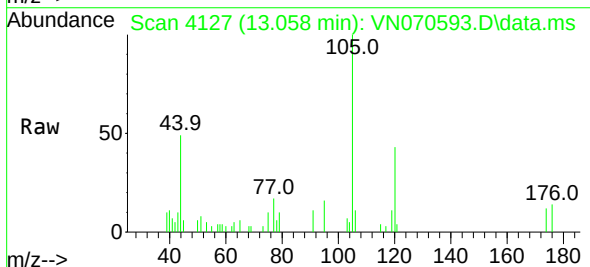
Instrument :
MSVOA_N
ClientSampleId :

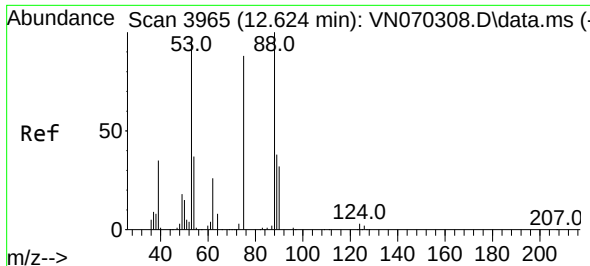
Tgt Ion: 75 Resp: 329932
Ion Ratio Lower Upper
75 100
77 1.3 82.6 247.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.308 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

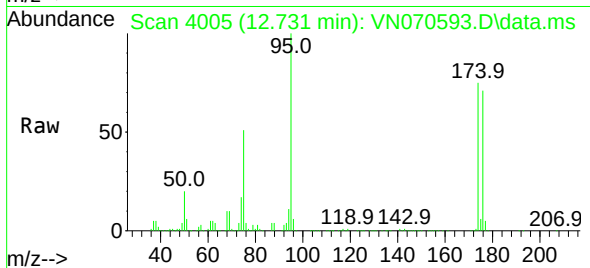
Tgt Ion: 105 Resp: 9848
Ion Ratio Lower Upper
105 100
120 49.1 24.6 73.6



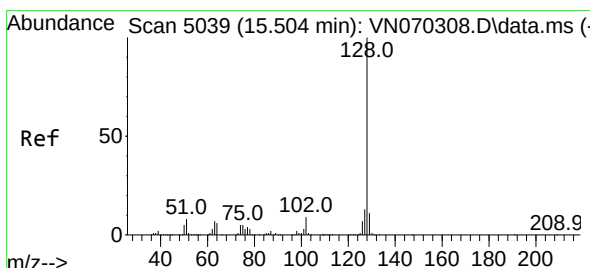
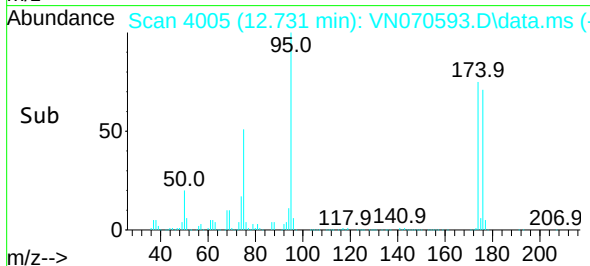
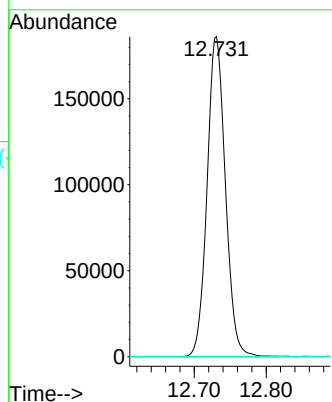


#81
trans-1,4-Dichloro-2-butene
Concen: 93.951 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

Instrument :
MSVOA_N
ClientSampleId :

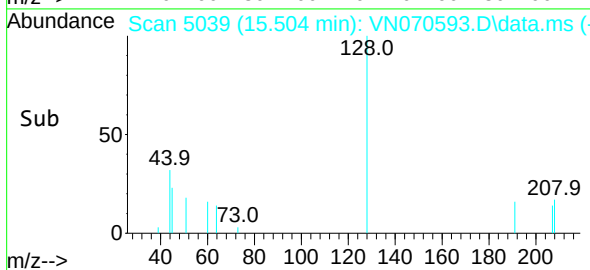
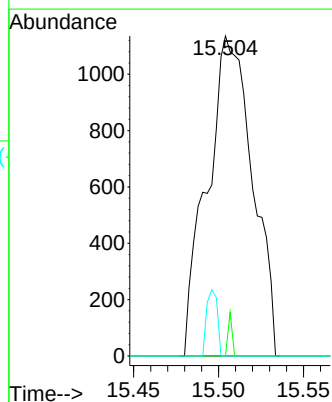
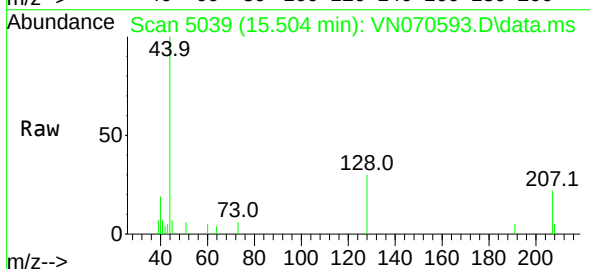


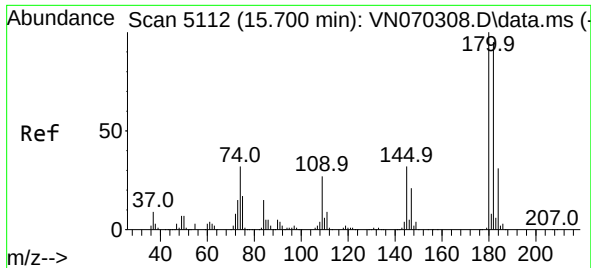
Tgt Ion: 75 Resp: 329932
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.901 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070593.D
Acq: 12 Jan 2022 18:07

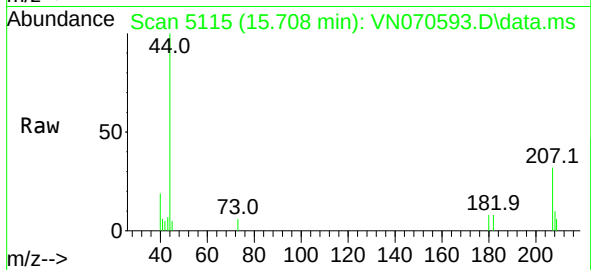
Tgt Ion: 128 Resp: 2108
Ion Ratio Lower Upper
128 100
127 1.2 10.5 15.7#
129 4.8 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.859 ug/l
 RT: 15.708 min Scan# 51
 Delta R.T. 0.008 min
 Lab File: VN070593.D
 Acq: 12 Jan 2022 18:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 226
 Ion Ratio Lower Upper
 180 100
 182 100.0 47.4 142.2
 145 0.0 15.0 45.1#

