

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070580.D
 Acq On : 12 Jan 2022 11:48
 Operator : JC/MD
 Sample : VN0112WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 04:25:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

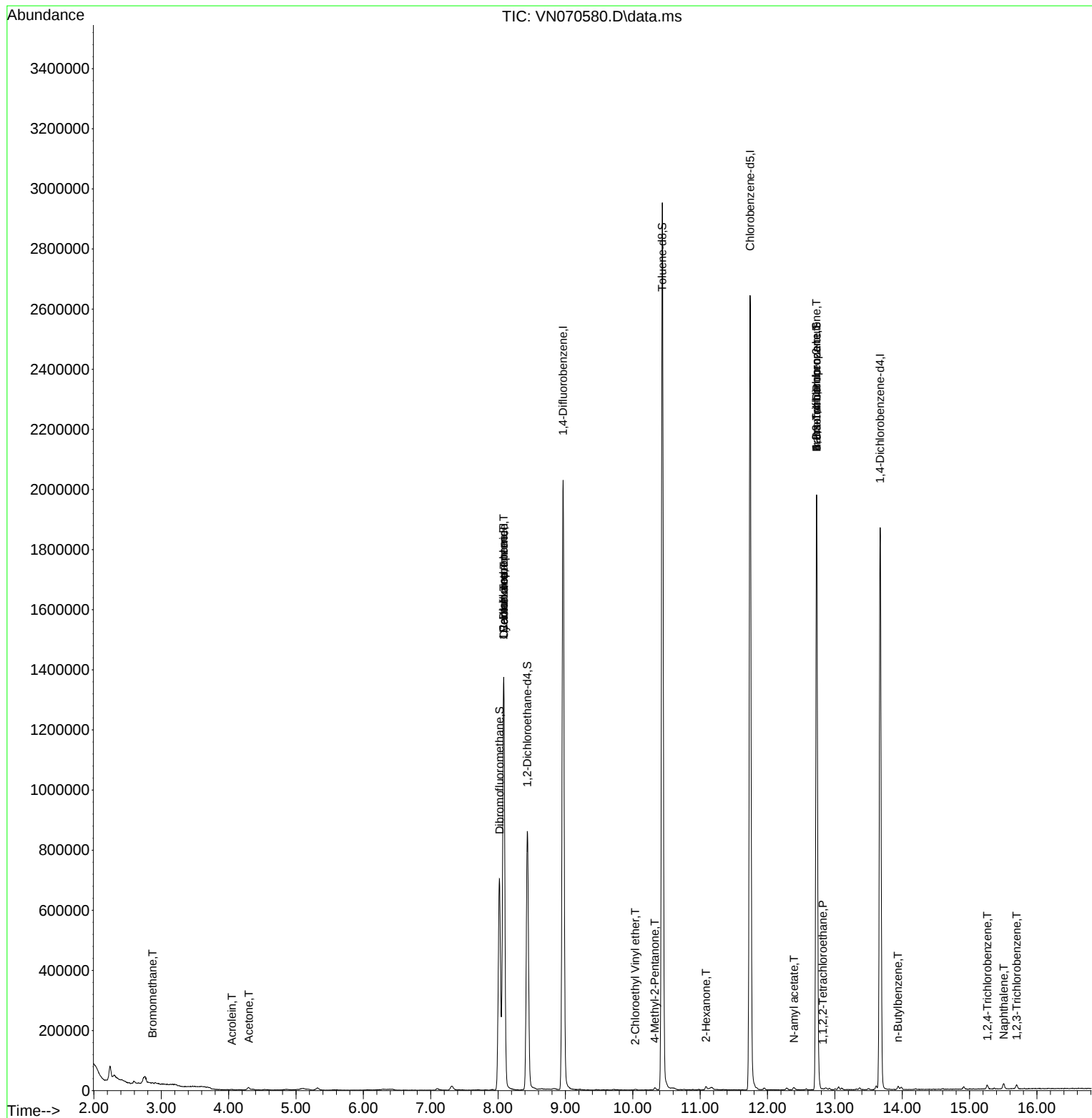
Internal Standards						
1) Pentafluorobenzene	8.083	168	1073233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1786942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1546161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	530705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	724623	46.959	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.920%
35) Dibromofluoromethane	8.021	113	527034	48.746	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.500%
50) Toluene-d8	10.438	98	2068559	46.834	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.728	95	745351	46.723	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.440%
Target Compounds						
					Qvalue	
5) Bromomethane	2.869	94	2198	0.283	ug/l #	80
13) Acrolein	4.049	56	1085	0.520	ug/l	90
16) Acetone	4.299	43	7146	0.713	ug/l	98
31) Cyclohexane	8.086	56	24848	1.020	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	85377	4.773	ug/l #	49
38) Carbon Tetrachloride	8.083	117	101814	5.961	ug/l #	16
51) 4-Methyl-2-Pentanone	10.325	43	6154	0.268	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.038	63	491	18.595	ug/l #	20
59) 2-Hexanone	11.087	43	9410	0.562	ug/l	97
71) Bromoform	12.731	173	4646	0.535	ug/l #	1
74) N-amyl acetate	12.393	43	5698	0.275	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	1312	0.520	ug/l #	87
76) 1,2,3-Trichloropropane	12.728	75	384333	25.858	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	384333	88.480	ug/l #	5
89) n-Butylbenzene	13.938	91	7198	0.233	ug/l	96
93) 1,2,4-Trichlorobenzene	15.263	180	4981	0.569	ug/l	92
95) Naphthalene	15.507	128	17119	2.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	5649	1.490	ug/l	63

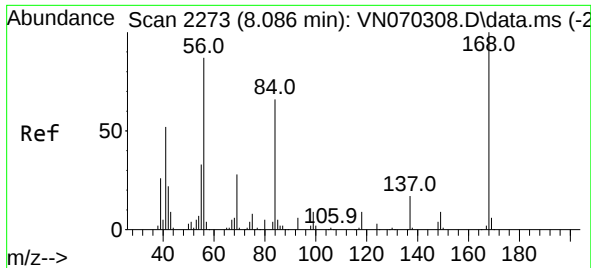
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VN070580.D
Acq On : 12 Jan 2022 11:48
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Sample : VN0112WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jan 13 04:25:23 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

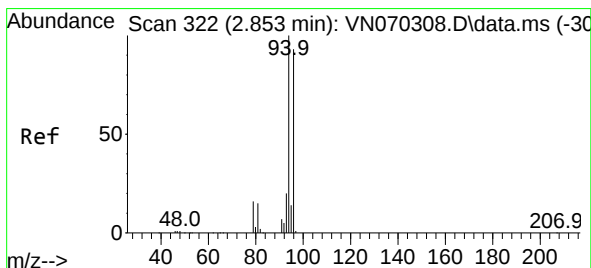
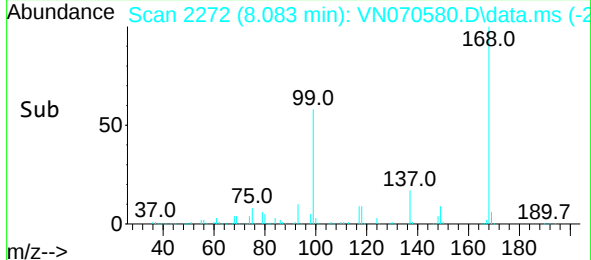
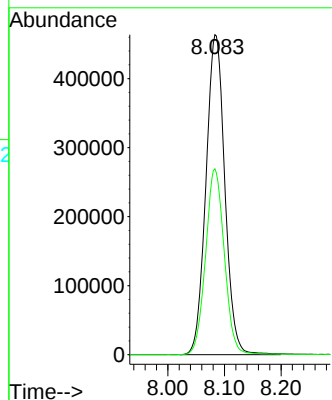
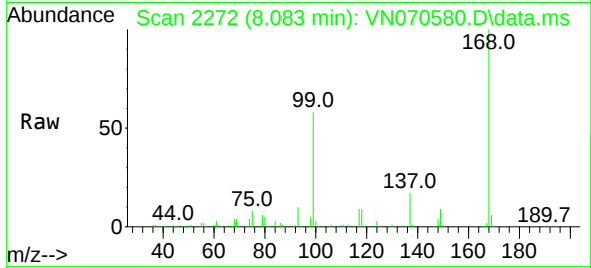




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

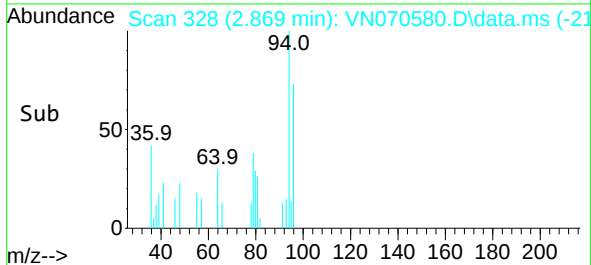
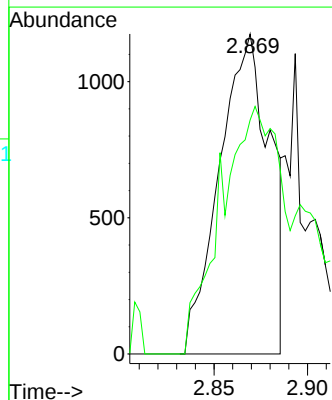
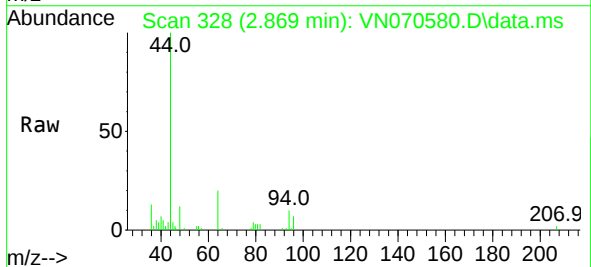
Instrument :
MSVOA_N
ClientSampleId :

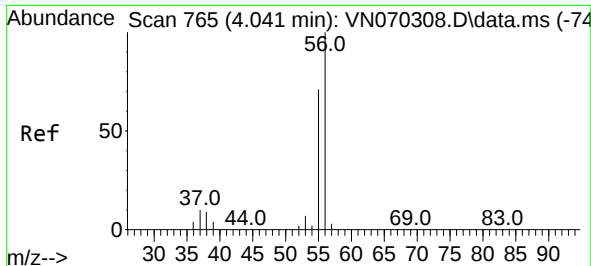
Tgt Ion:168 Resp: 1073233
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#5
Bromomethane
Concen: 0.283 ug/l
RT: 2.869 min Scan# 328
Delta R.T. 0.016 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

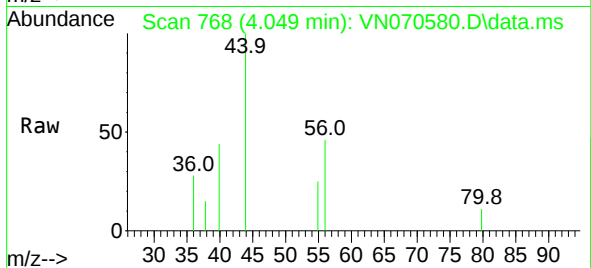
Tgt Ion: 94 Resp: 2198
Ion Ratio Lower Upper
94 100
96 73.1 73.8 110.8#



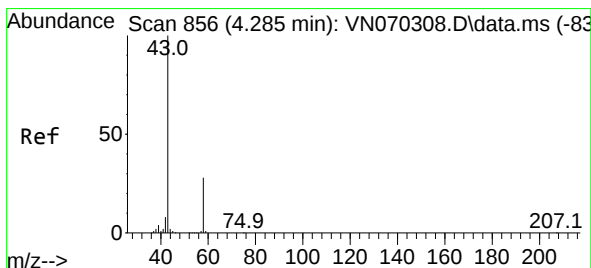
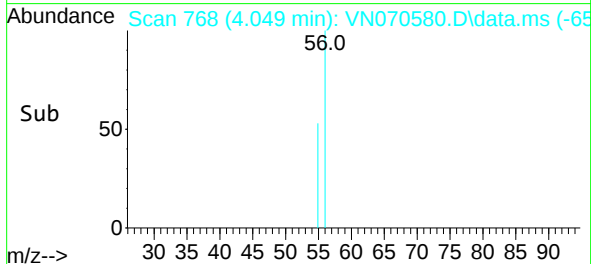
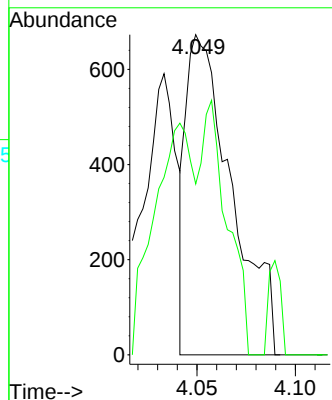


#13
Acrolein
Concen: 0.520 ug/l
RT: 4.049 min Scan# 71
Delta R.T. 0.008 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :

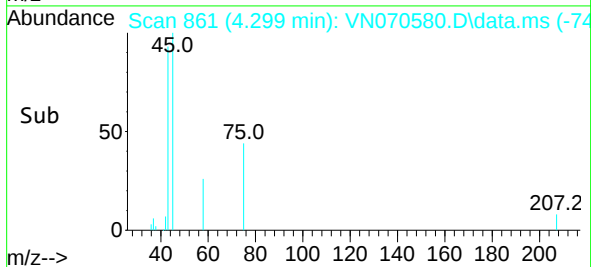
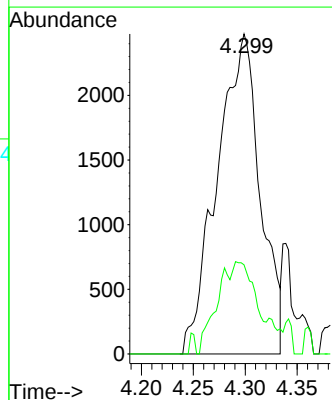
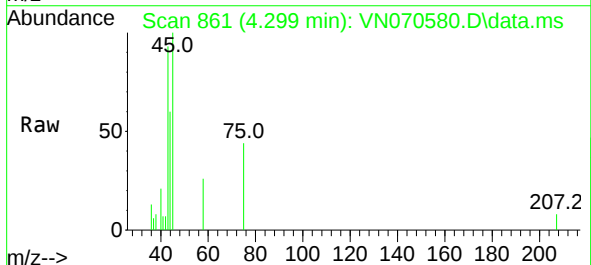


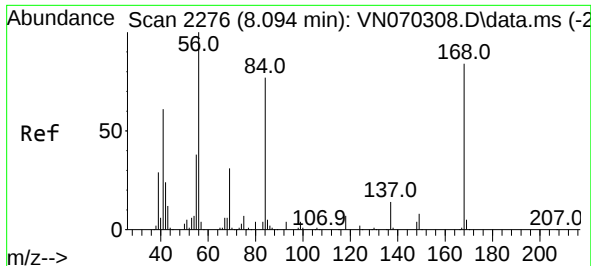
Tgt Ion: 56 Resp: 1085
Ion Ratio Lower Upper
56 100
55 62.8 56.6 85.0



#16
Acetone
Concen: 0.713 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

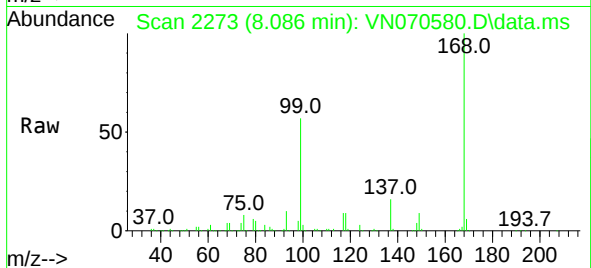
Tgt Ion: 43 Resp: 7146
Ion Ratio Lower Upper
43 100
58 27.9 23.1 34.7



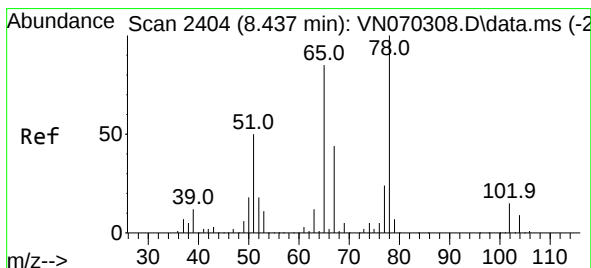
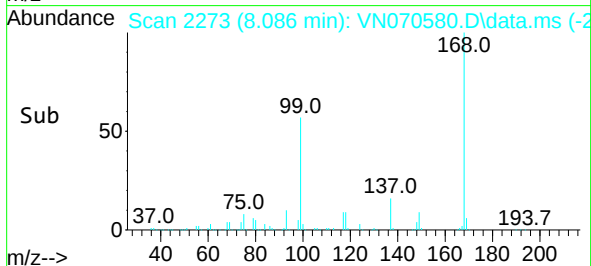
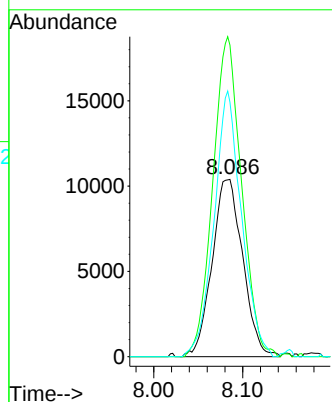


#31
Cyclohexane
Concen: 1.020 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :

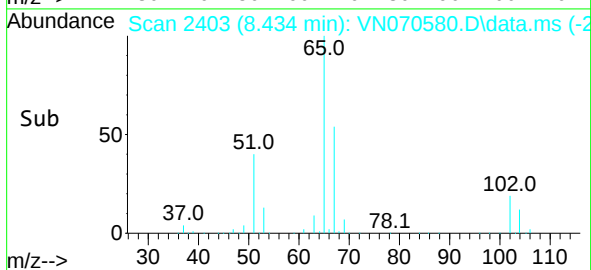
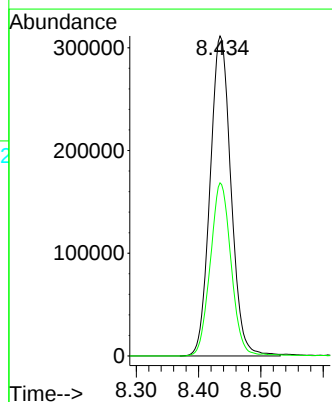
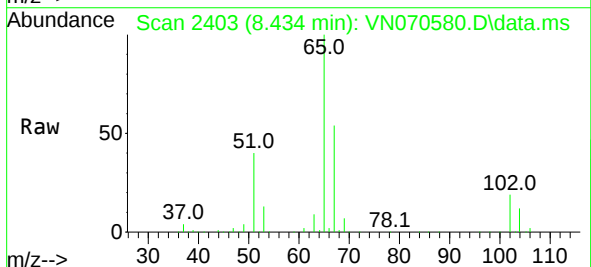


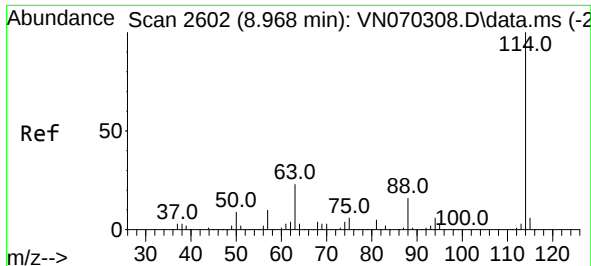
Tgt Ion: 56 Resp: 24848
Ion Ratio Lower Upper
56 100
69 175.7 27.1 40.7#
84 143.5 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.959 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 65 Resp: 724623
Ion Ratio Lower Upper
65 100
67 53.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2

Delta R.T. -0.003 min

Lab File: VN070580.D

Acq: 12 Jan 2022 11:48

Instrument :

MSVOA_N

ClientSampleId :

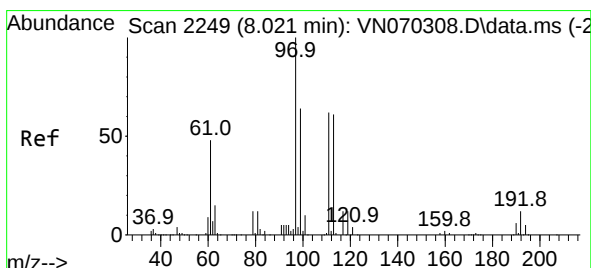
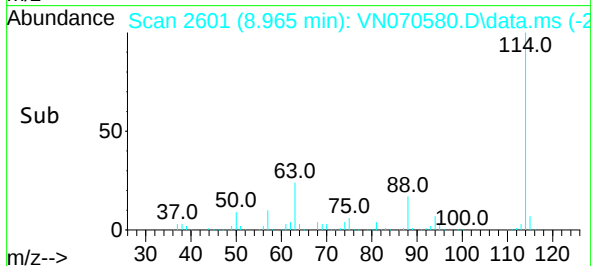
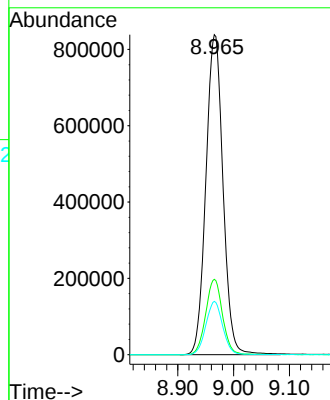
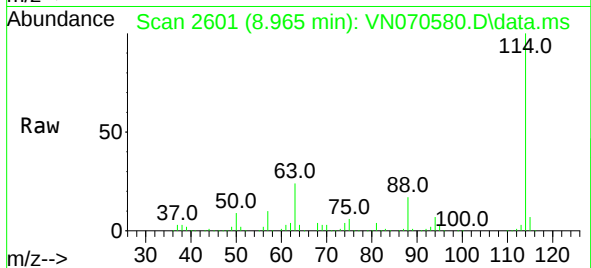
Tgt Ion:114 Resp: 1786942

Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.746 ug/l

RT: 8.021 min Scan# 2249

Delta R.T. 0.000 min

Lab File: VN070580.D

Acq: 12 Jan 2022 11:48

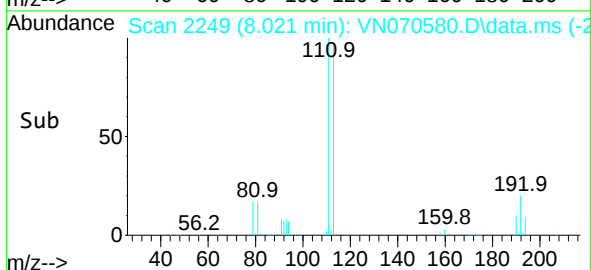
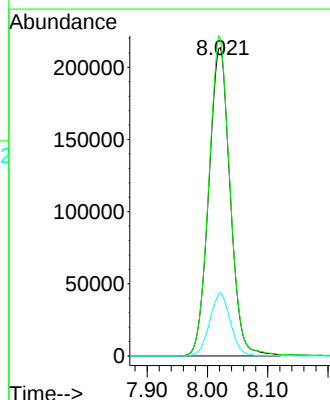
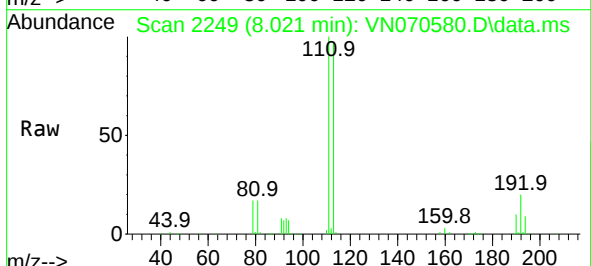
Tgt Ion:113 Resp: 527034

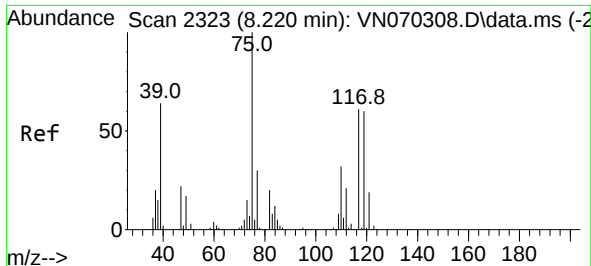
Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

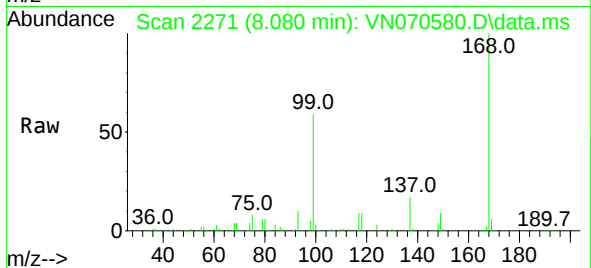
192 19.8 16.9 25.3



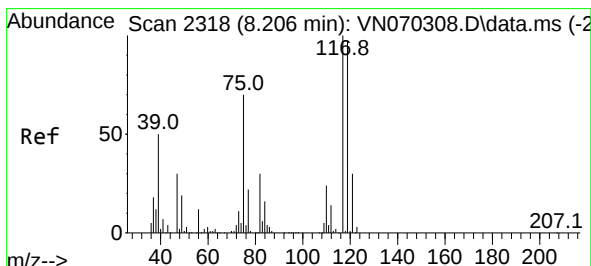
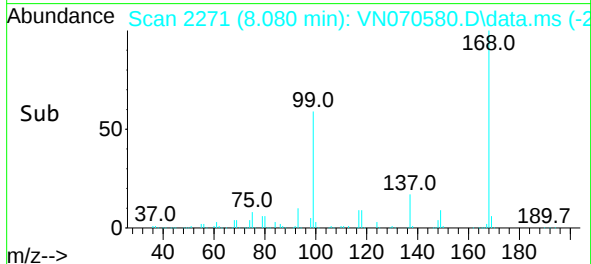
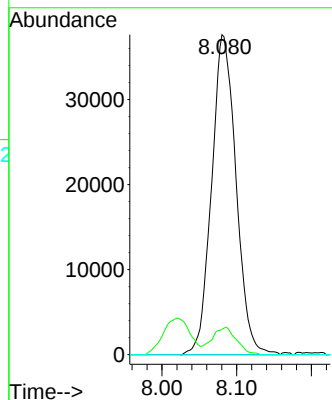


#36
1,1-Dichloropropene
Concen: 4.773 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.140 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :

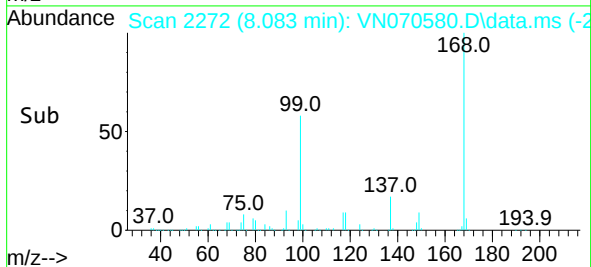
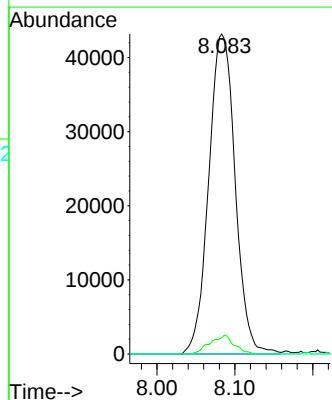
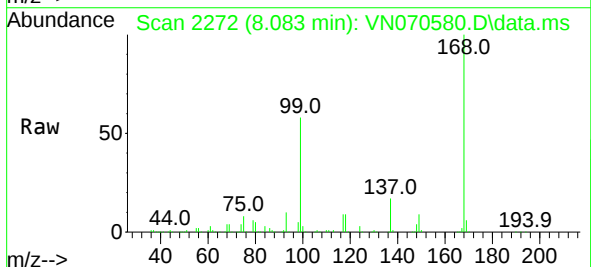


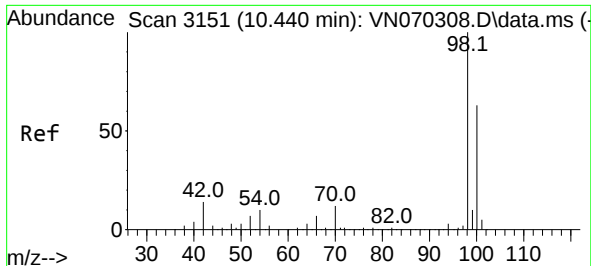
Tgt Ion: 75 Resp: 85377
Ion Ratio Lower Upper
75 100
110 8.6 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.961 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 117 Resp: 101814
Ion Ratio Lower Upper
117 100
119 5.1 76.1 114.1#
121 0.0 24.2 36.2#

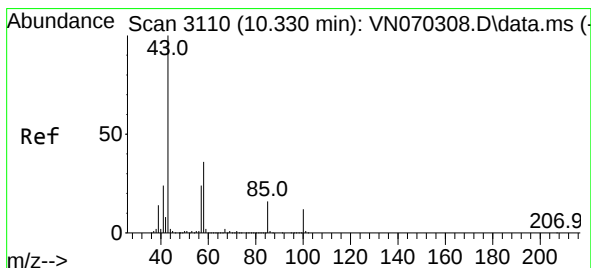
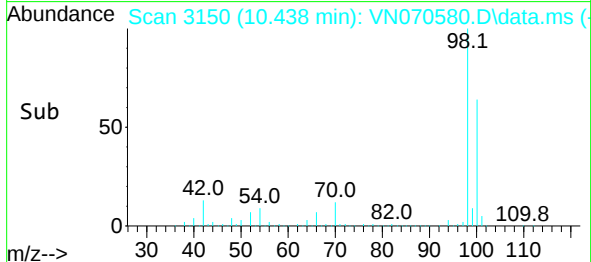
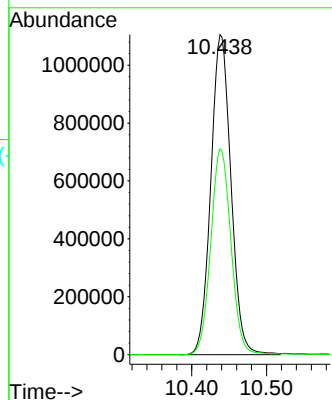
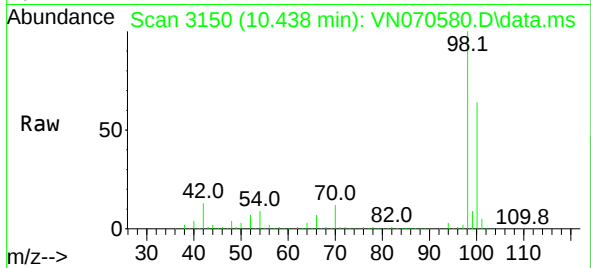




#50
Toluene-d8
Concen: 46.834 ug/l
RT: 10.438 min Scan# 3151
Delta R.T. -0.002 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

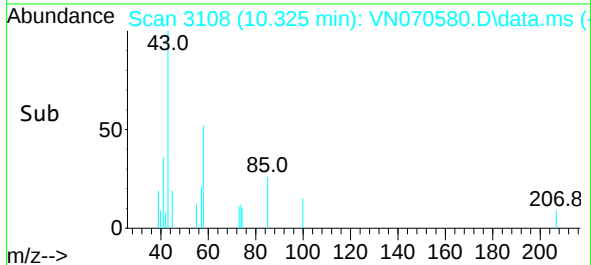
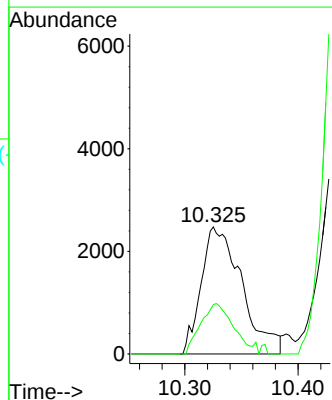
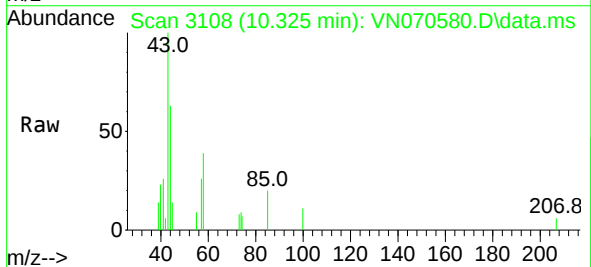
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MSVOA_N
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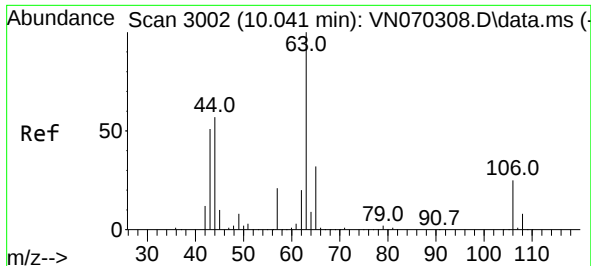
Tgt Ion: 98 Resp: 2068559
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.268 ug/l
RT: 10.325 min Scan# 3108
Delta R.T. -0.005 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 43 Resp: 6154
Ion Ratio Lower Upper
43 100
58 32.4 30.4 45.6

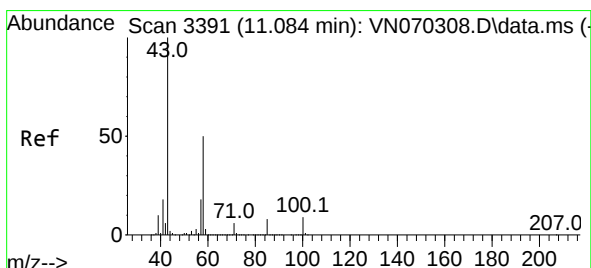
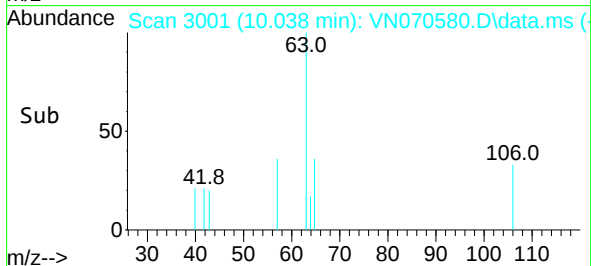
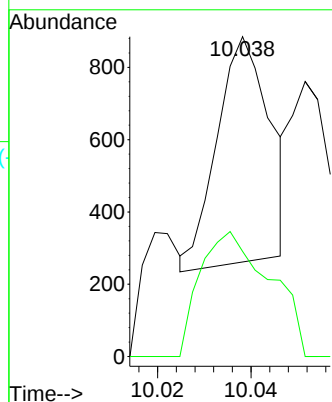
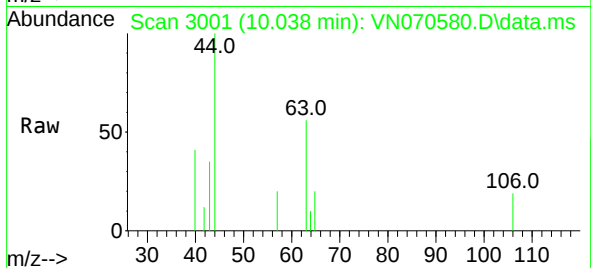




#58
2-Chloroethyl Vinyl ether
Concen: 18.595 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

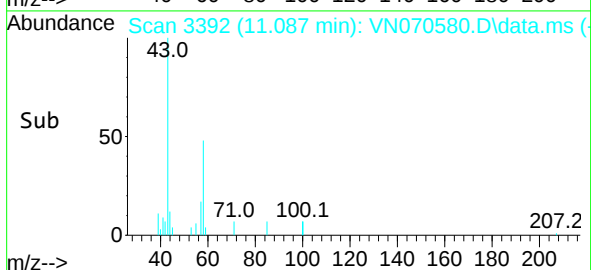
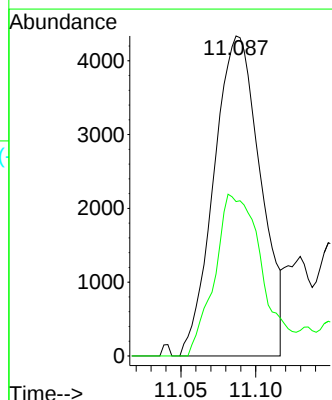
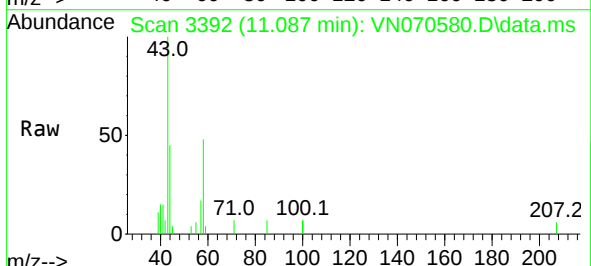
Instrument :
MSVOA_N
ClientSampleId :

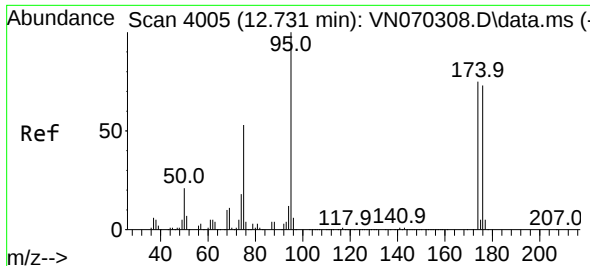
Tgt Ion: 63 Resp: 491
Ion Ratio Lower Upper
63 100
106 73.3 23.9 35.9#



#59
2-Hexanone
Concen: 0.562 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

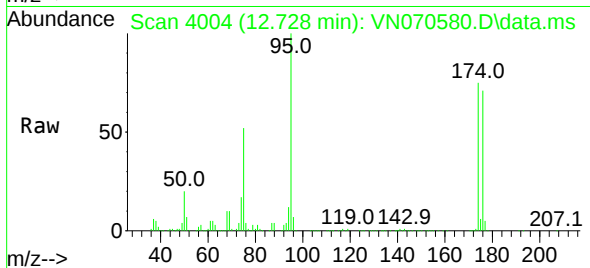
Tgt Ion: 43 Resp: 9410
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7



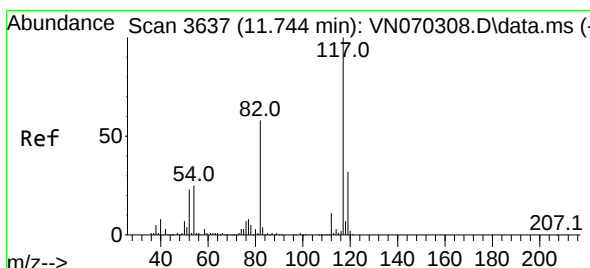
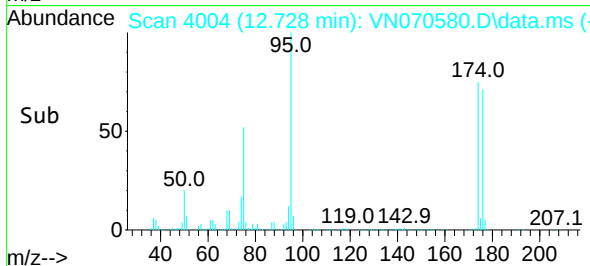
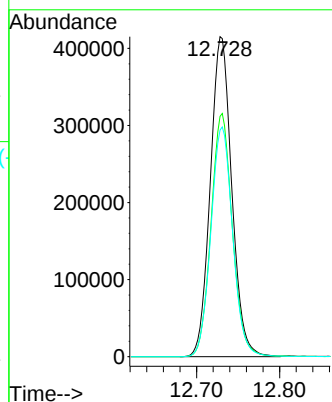


#62
4-Bromofluorobenzene
Concen: 46.723 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :

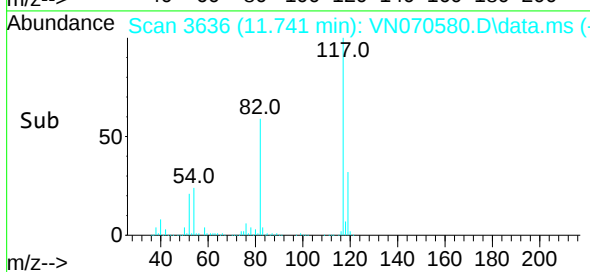
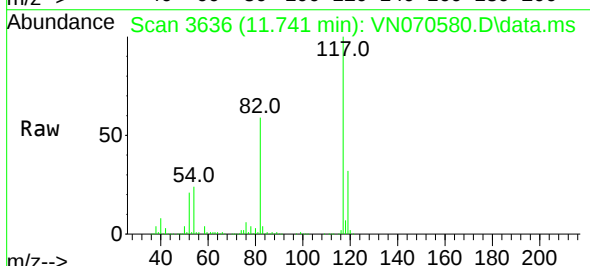
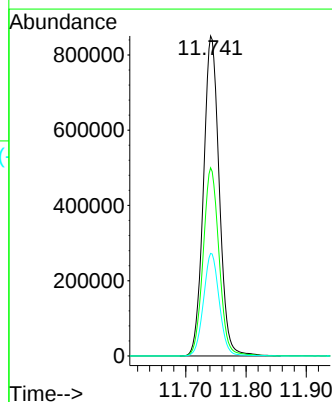


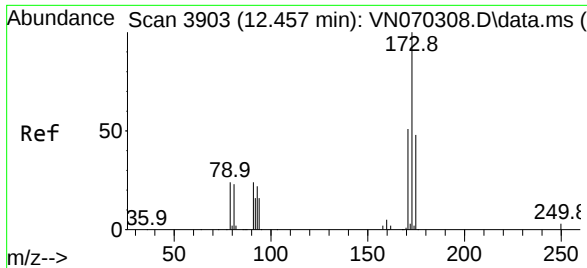
Tgt Ion: 95 Resp: 745351
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. -0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 117 Resp: 1546161
Ion Ratio Lower Upper
117 100
82 58.8 42.4 63.6
119 32.0 25.4 38.2

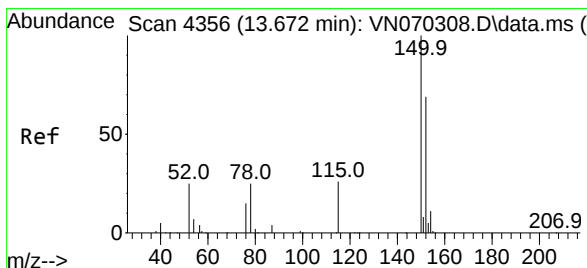
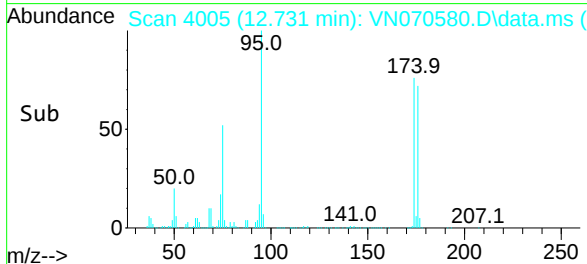
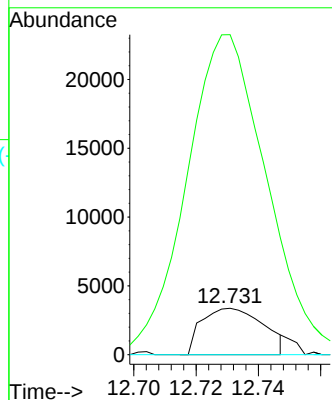
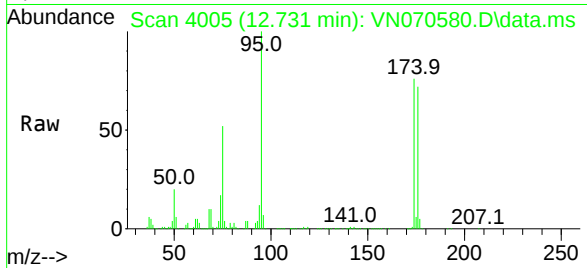




#71
Bromoform
Concen: 0.535 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.274 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

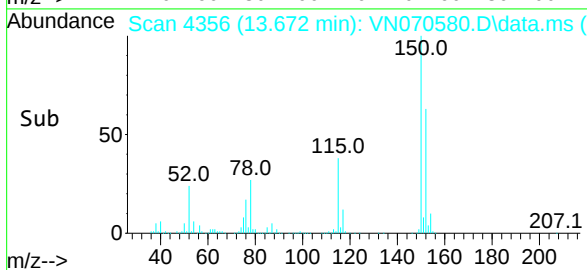
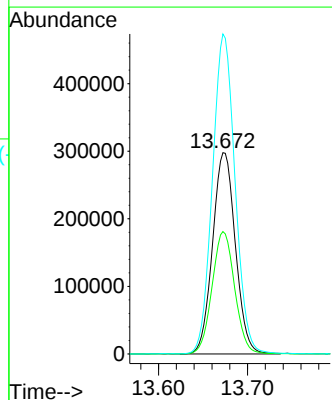
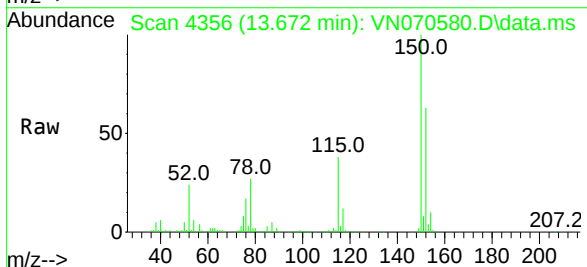
Instrument :
MSVOA_N
ClientSampleId :

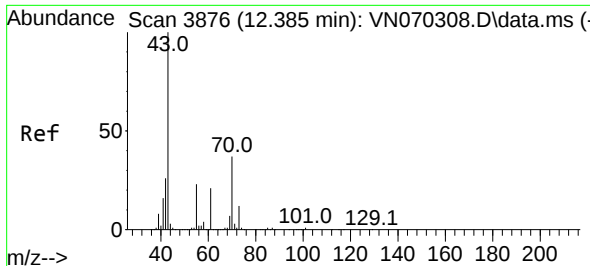
Tgt Ion:173 Resp: 4646
Ion Ratio Lower Upper
173 100
175 830.6 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

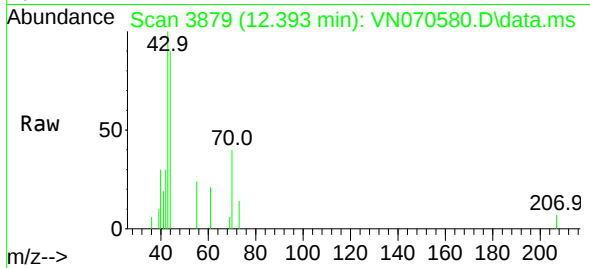
Tgt Ion:152 Resp: 530705
Ion Ratio Lower Upper
152 100
115 60.0 27.5 82.5
150 157.4 0.0 344.4



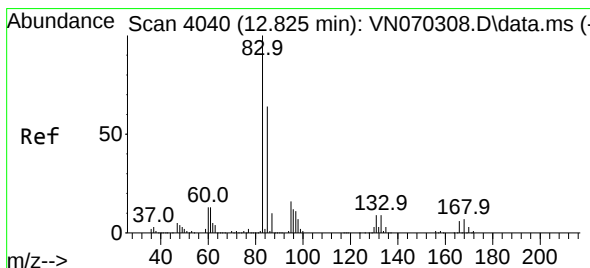
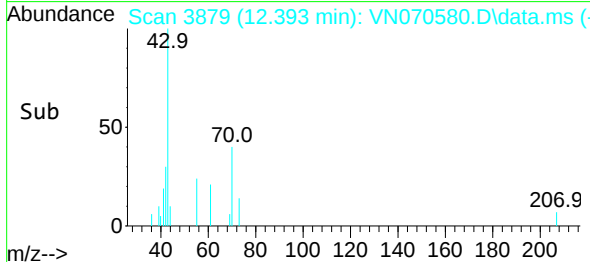
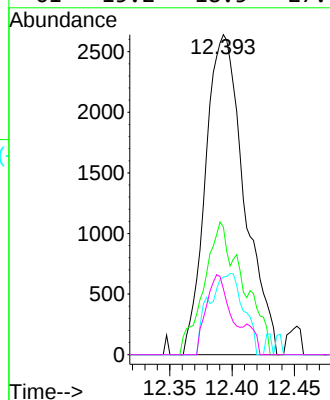


#74
N-amy1 acetate
Concen: 0.275 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :

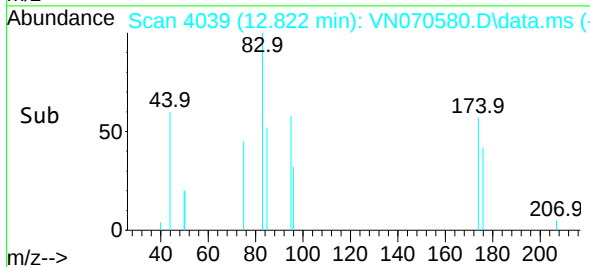
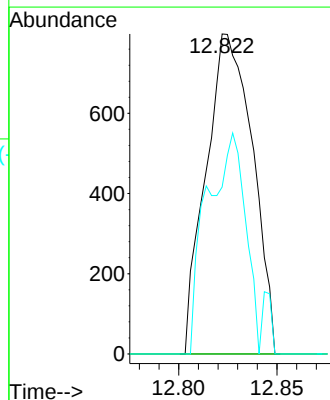
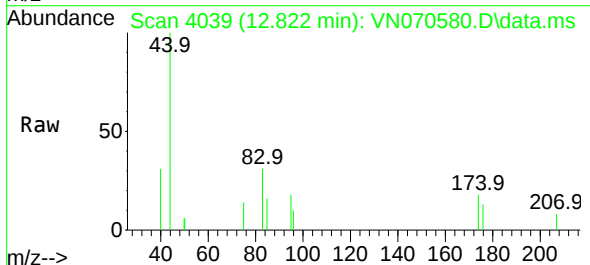


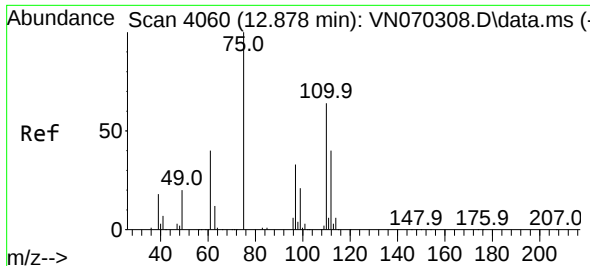
Tgt Ion: 43	Resp: 5698
Ion Ratio	Lower Upper
43 100	
70 41.9	33.4 50.0
55 22.7	19.3 28.9
61 15.2	18.5 27.7#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.520 ug/l
RT: 12.822 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 83	Resp: 1312
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.5#
85 56.7	32.4 97.2

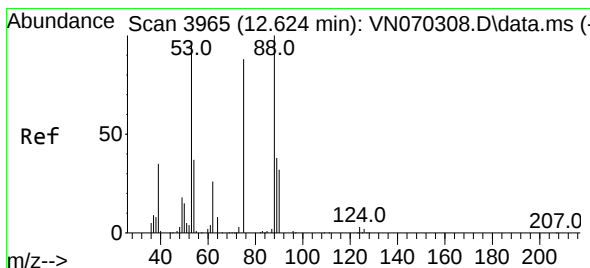
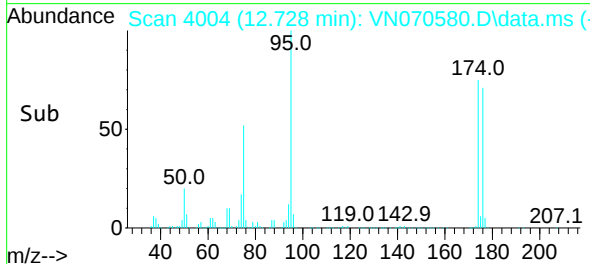
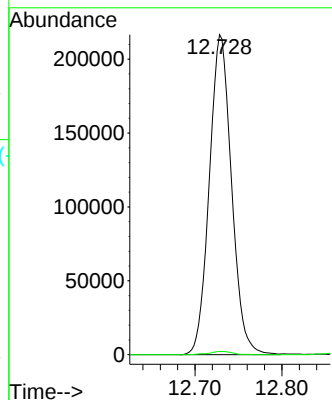
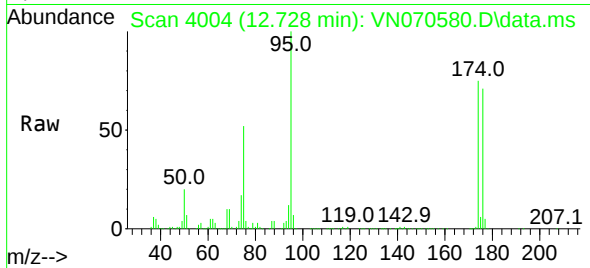




#76
1,2,3-Trichloropropane
Concen: 25.858 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

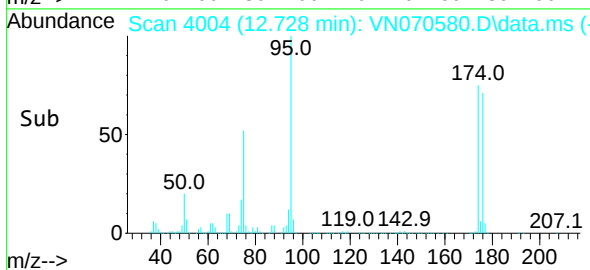
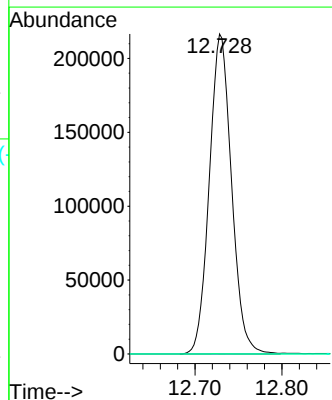
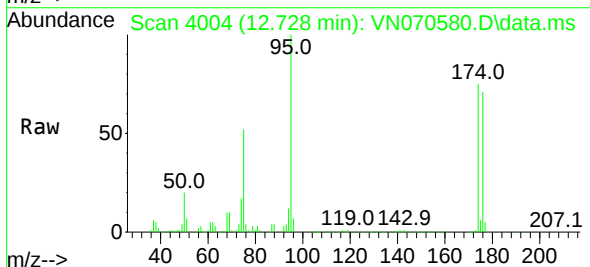
Instrument :
MSVOA_N
ClientSampleId :

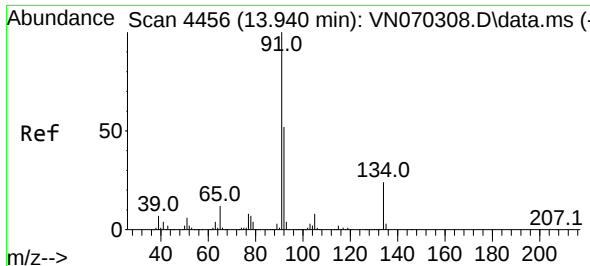
Tgt Ion: 75 Resp: 384333
Ion Ratio Lower Upper
75 100
77 1.1 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.480 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 75 Resp: 384333
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

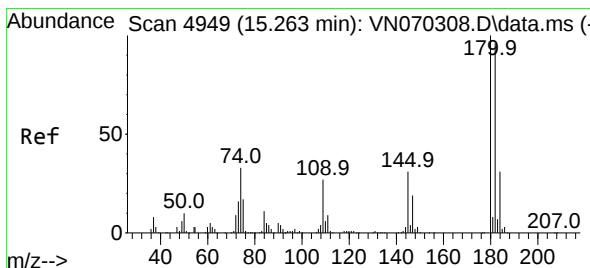
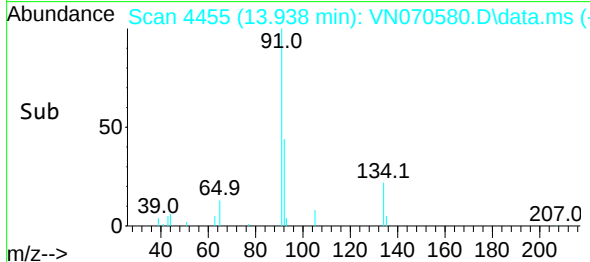
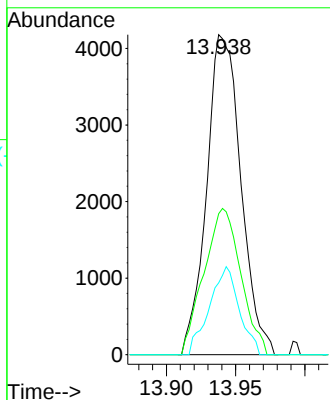
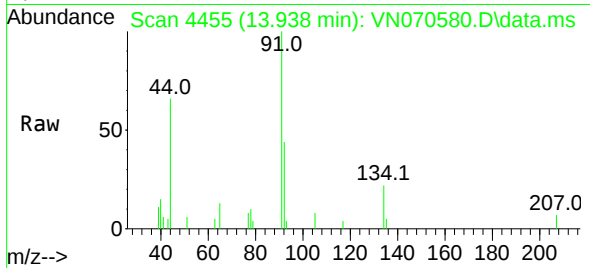




#89
n-Butylbenzene
Concen: 0.233 ug/l
RT: 13.938 min Scan# 4455
Delta R.T. -0.002 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

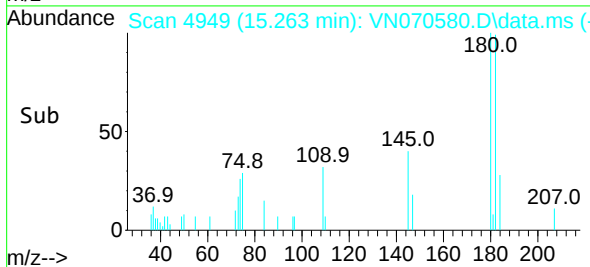
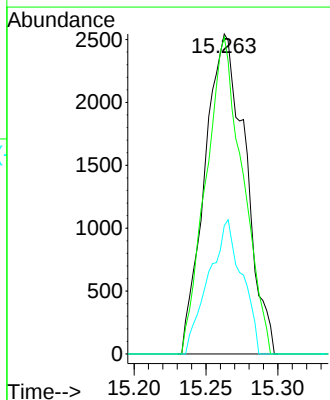
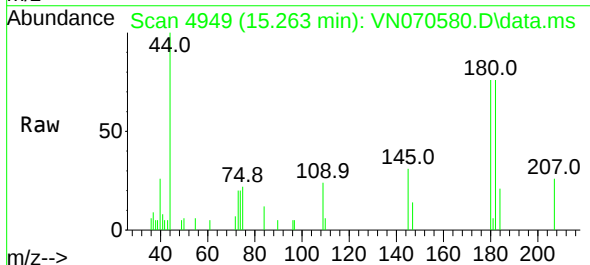
Instrument :
MSVOA_N
ClientSampleId :

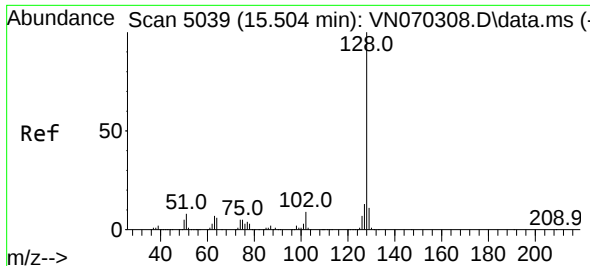
Tgt Ion: 91	Resp:	7198
Ion Ratio	Lower	Upper
91	100	
92	49.1	25.4 76.0
134	23.9	13.6 40.8



#93
1,2,4-Trichlorobenzene
Concen: 0.569 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion: 180	Resp:	4981
Ion Ratio	Lower	Upper
180	100	
182	89.8	48.3 144.9
145	34.6	14.5 43.5

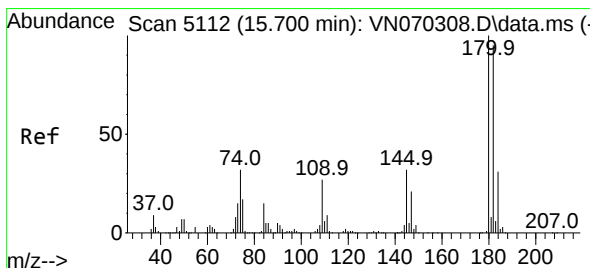
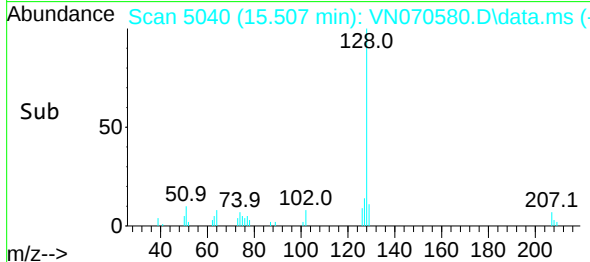
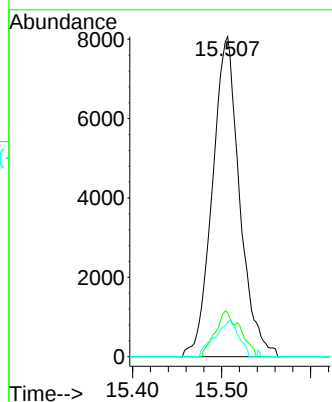
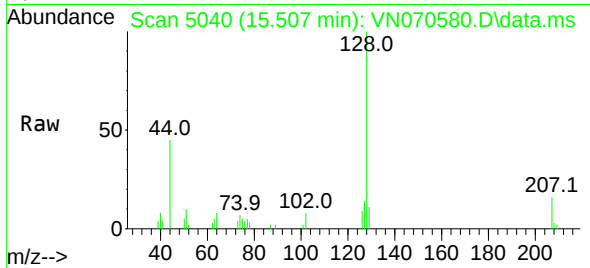




#95
Naphthalene
Concen: 2.479 ug/l
RT: 15.507 min Scan# 5039
Delta R.T. 0.003 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 17119
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.490 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070580.D
Acq: 12 Jan 2022 11:48

Tgt Ion:180 Resp: 5649
Ion Ratio Lower Upper
180 100
182 48.8 47.4 142.2
145 28.9 15.0 45.1

