

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070187.D
 Acq On : 18 Dec 2021 1:59
 Operator : JC/MD
 Sample : M5128-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Dec 18 06:02:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

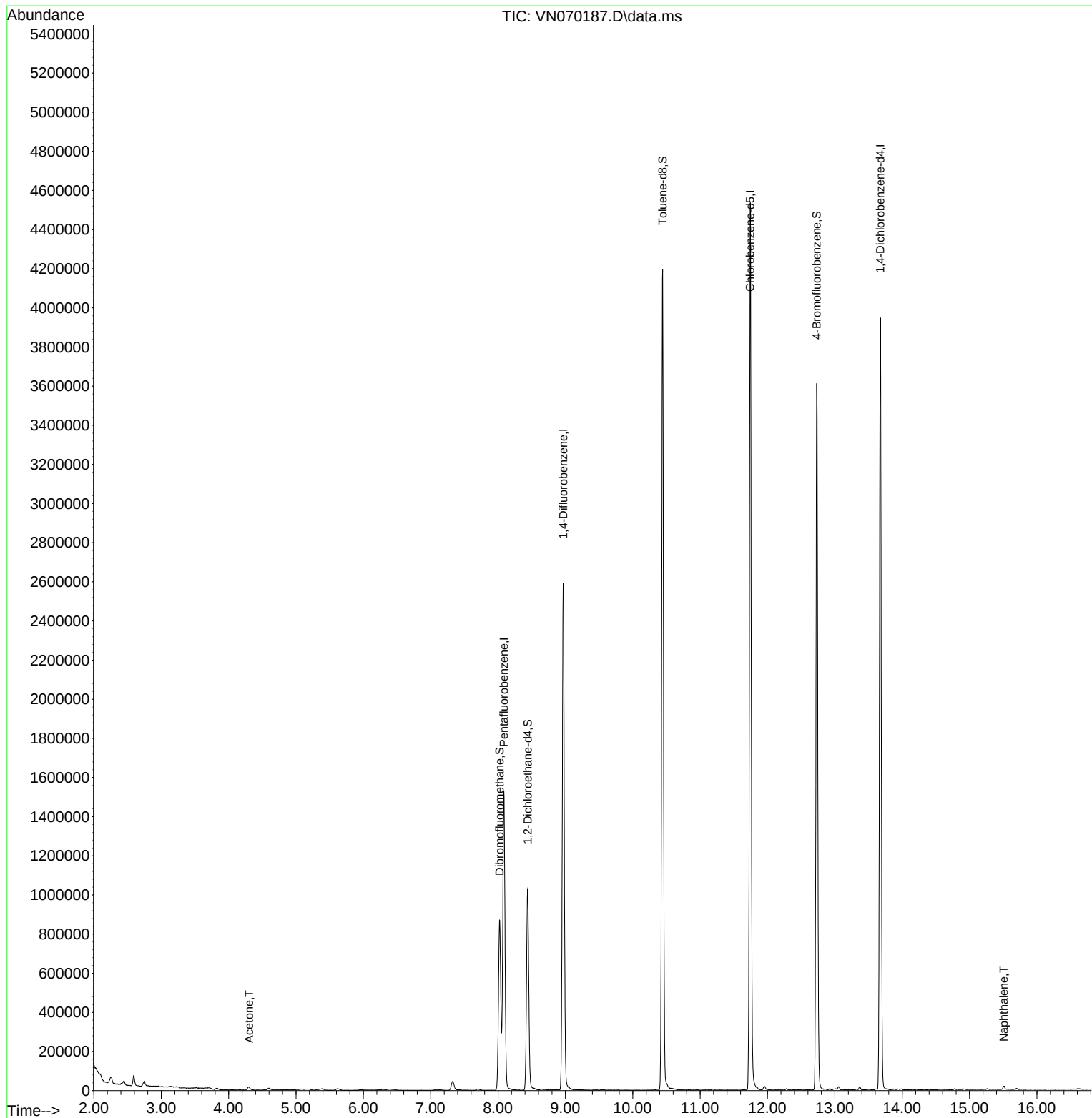
Internal Standards						
1) Pentafluorobenzene	8.086	168	1133029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2161021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2543396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1065415	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	898098	51.338	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.680%
35) Dibromofluoromethane	8.021	113	633168	46.776	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.560%
50) Toluene-d8	10.443	98	2840886	52.268	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.540%
62) 4-Bromofluorobenzene	12.731	95	1289817	65.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	131.000%
Target Compounds						
						Qvalue
16) Acetone	4.301	43	27513	2.614	ug/l	100
95) Naphthalene	15.507	128	15340	4.256	ug/l	99

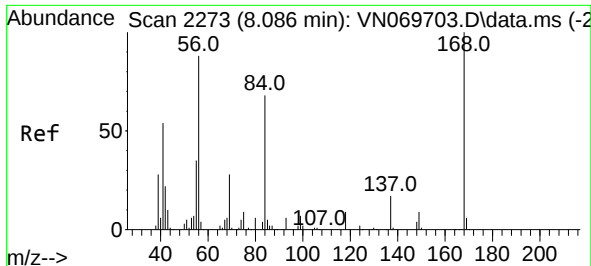
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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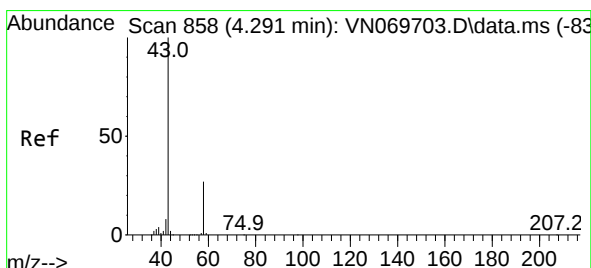
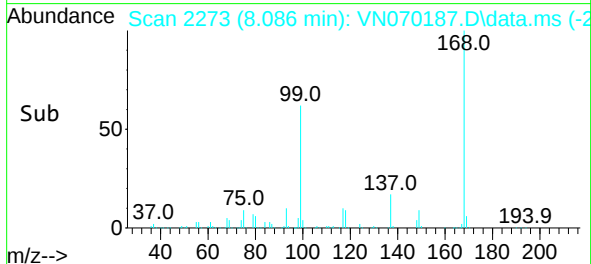
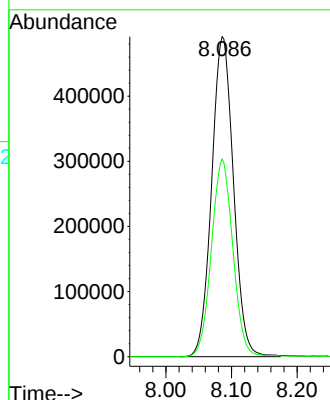
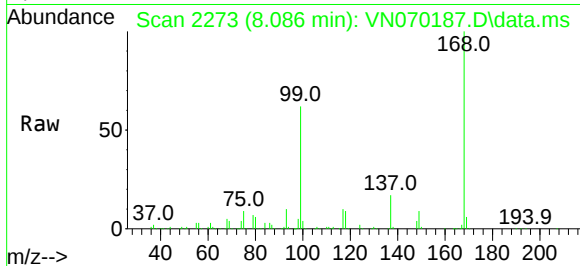




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070187.D
Acq: 18 Dec 2021 1:59

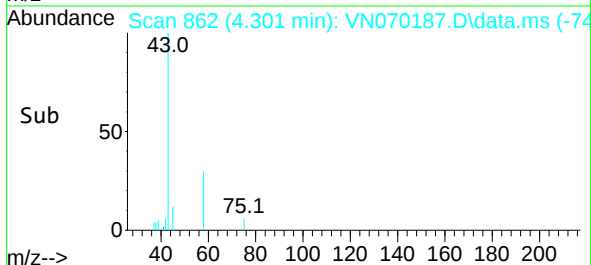
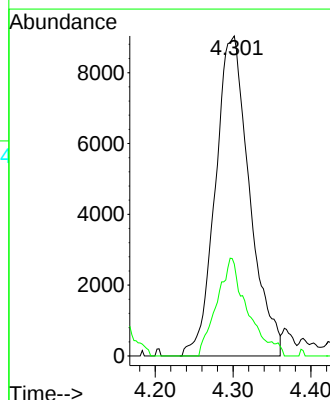
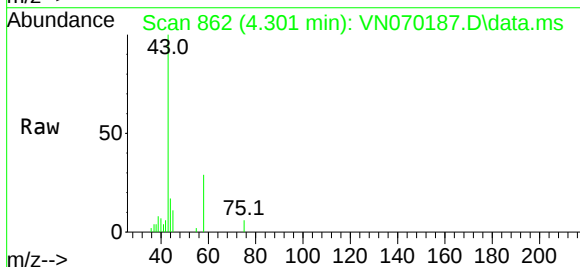
Instrument :
MSVOA_N
ClientSampleId :
MW-4

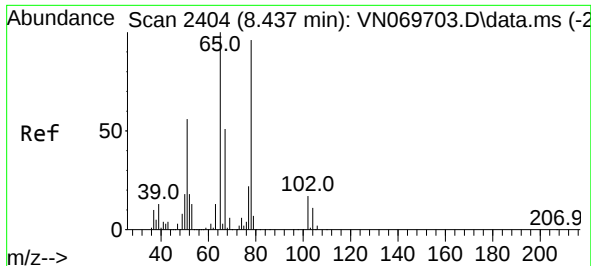
Tgt Ion:168 Resp: 1133029
Ion Ratio Lower Upper
168 100
99 61.8 41.3 61.9



#16
Acetone
Concen: 2.614 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.011 min
Lab File: VN070187.D
Acq: 18 Dec 2021 1:59

Tgt Ion: 43 Resp: 27513
Ion Ratio Lower Upper
43 100
58 28.8 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 51.338 ug/l

RT: 8.440 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VN070187.D

Acq: 18 Dec 2021 1:59

Instrument :

MSVOA_N

ClientSampleId :

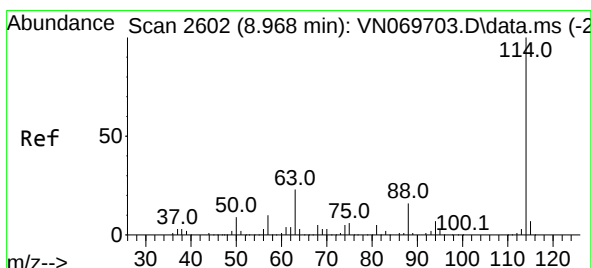
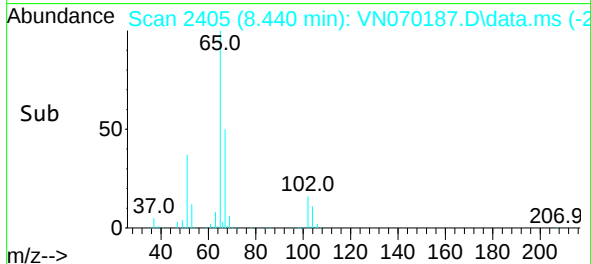
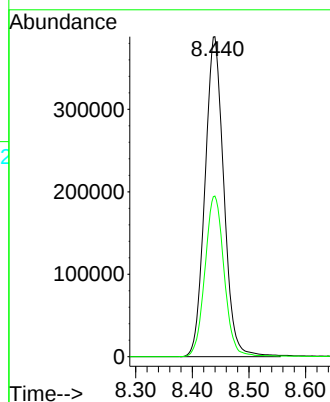
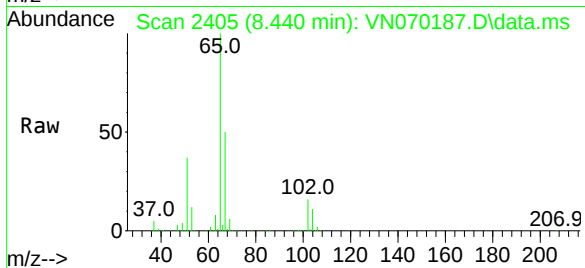
MW-4

Tgt Ion: 65 Resp: 898098

Ion Ratio Lower Upper

65 100

67 50.8 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: VN070187.D

Acq: 18 Dec 2021 1:59

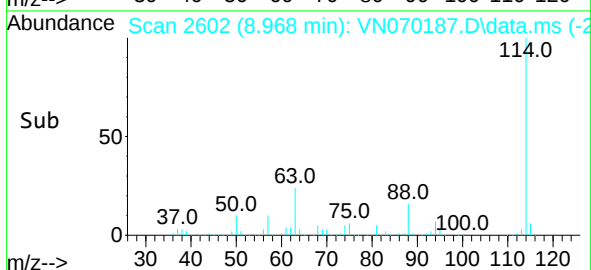
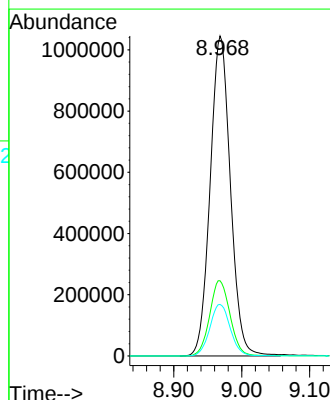
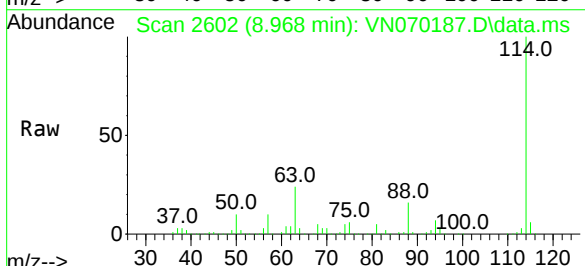
Tgt Ion: 114 Resp: 2161021

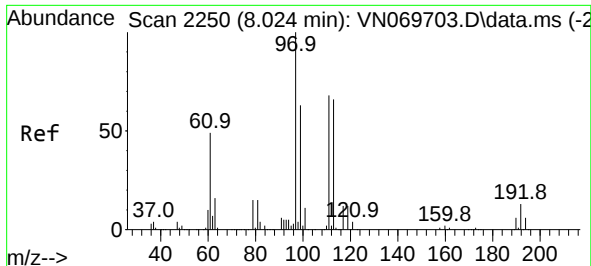
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.1 0.0 27.4

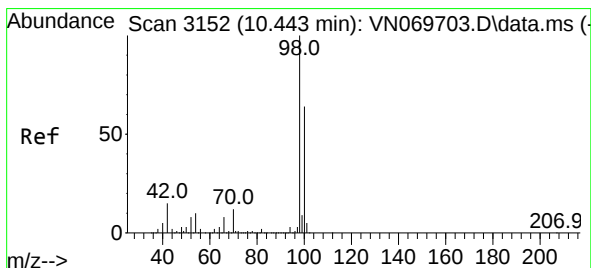
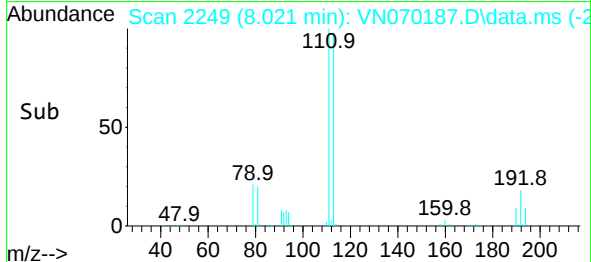
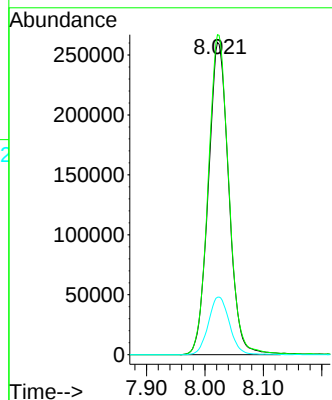
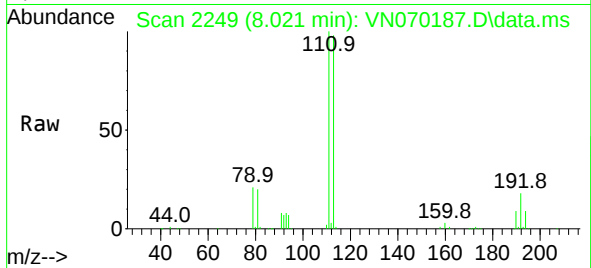




#35
 Dibromofluoromethane
 Concen: 46.776 ug/l
 RT: 8.021 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VN070187.D
 Acq: 18 Dec 2021 1:59

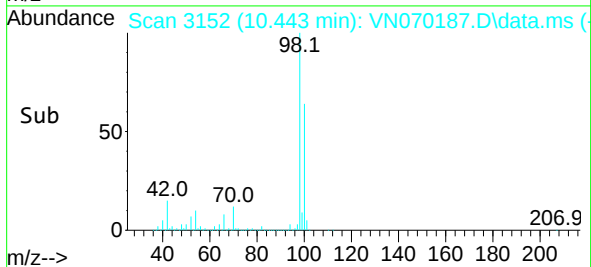
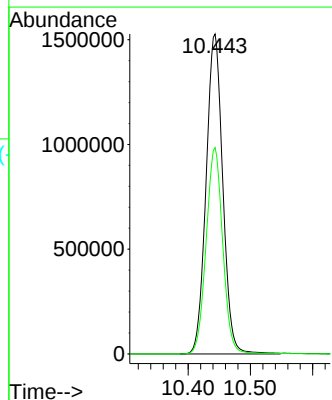
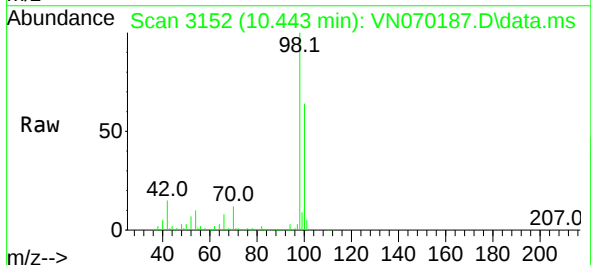
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

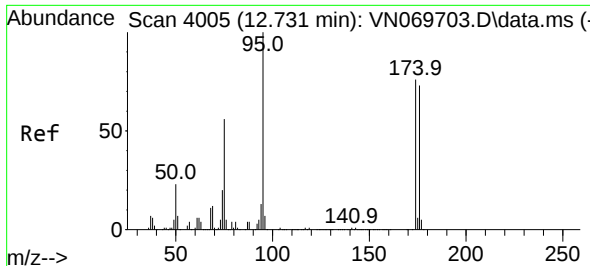
Tgt Ion:113 Resp: 633168
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.2 123.2
 192 19.0 16.9 25.3



#50
 Toluene-d8
 Concen: 52.268 ug/l
 RT: 10.443 min Scan# 3152
 Delta R.T. 0.000 min
 Lab File: VN070187.D
 Acq: 18 Dec 2021 1:59

Tgt Ion: 98 Resp: 2840886
 Ion Ratio Lower Upper
 98 100
 100 64.0 50.4 75.6

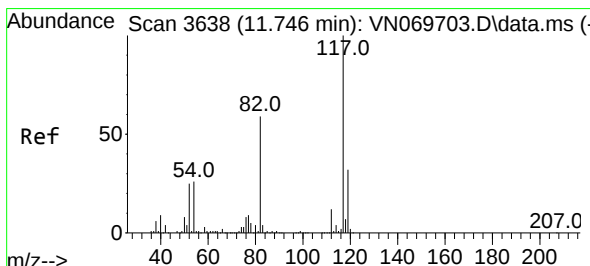
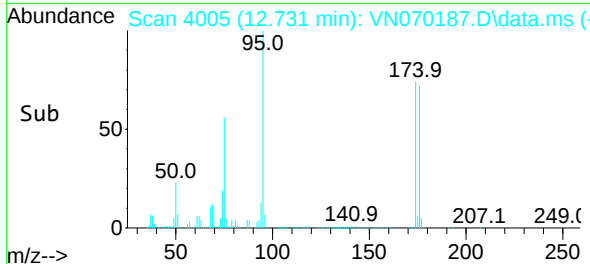
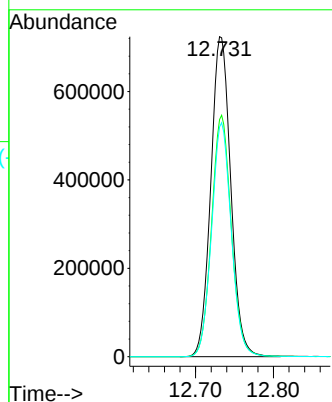
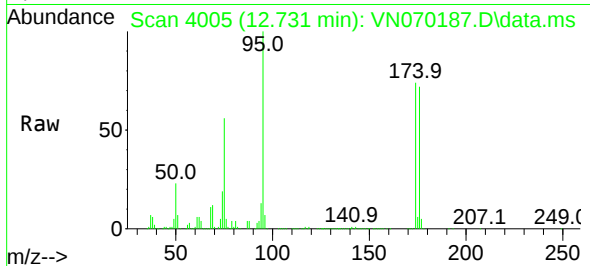




#62
4-Bromofluorobenzene
Concen: 65.504 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070187.D
Acq: 18 Dec 2021 1:59

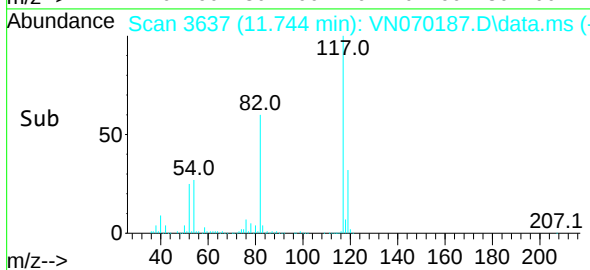
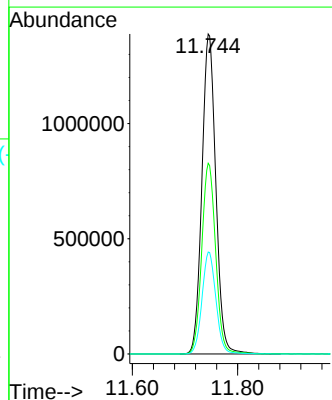
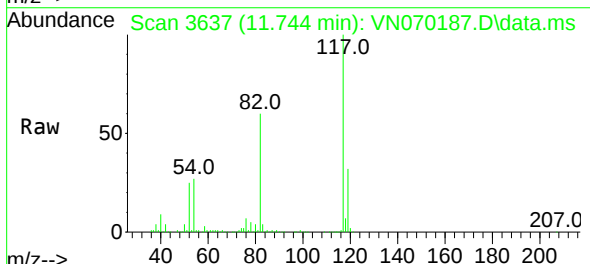
Instrument :
MSVOA_N
ClientSampleId :
MW-4

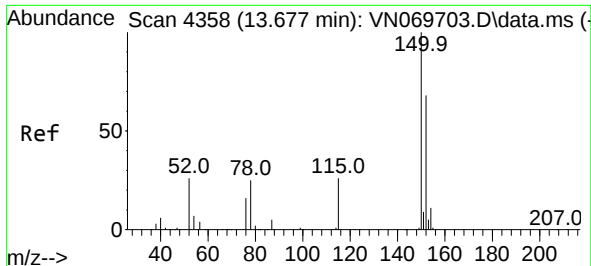
Tgt Ion: 95 Resp: 1289817
Ion Ratio Lower Upper
95 100
174 74.8 0.0 187.2
176 72.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070187.D
Acq: 18 Dec 2021 1:59

Tgt Ion: 117 Resp: 2543396
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.9 25.4 38.2

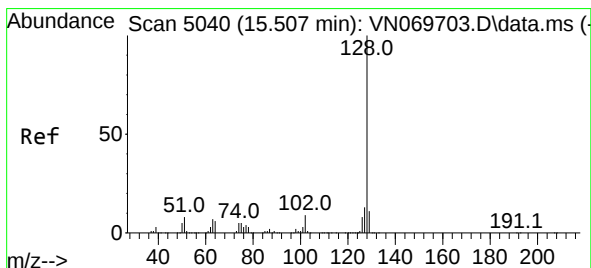
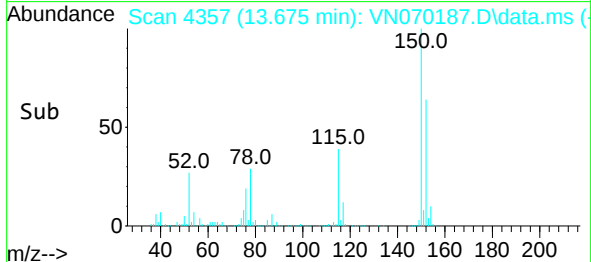
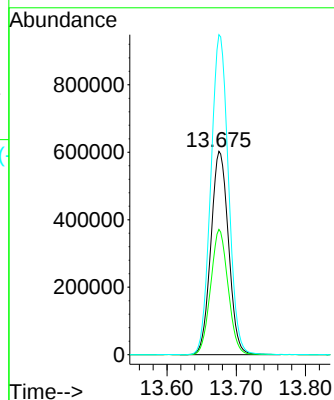
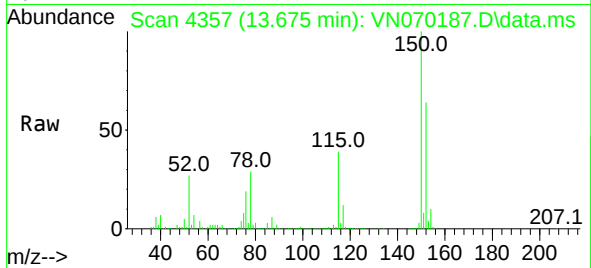




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070187.D
Acq: 18 Dec 2021 1:59

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:152 Resp: 1065415
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.6 0.0 344.4



#95
Naphthalene
Concen: 4.256 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070187.D
Acq: 18 Dec 2021 1:59

Tgt Ion:128 Resp: 15340
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 9.9 8.7 13.1

