

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069859.D
 Acq On : 8 Dec 2021 14:22
 Operator : JC/MD
 Sample : M4957-04DL 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20211206DL

Quant Time: Dec 09 11:39:01 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)

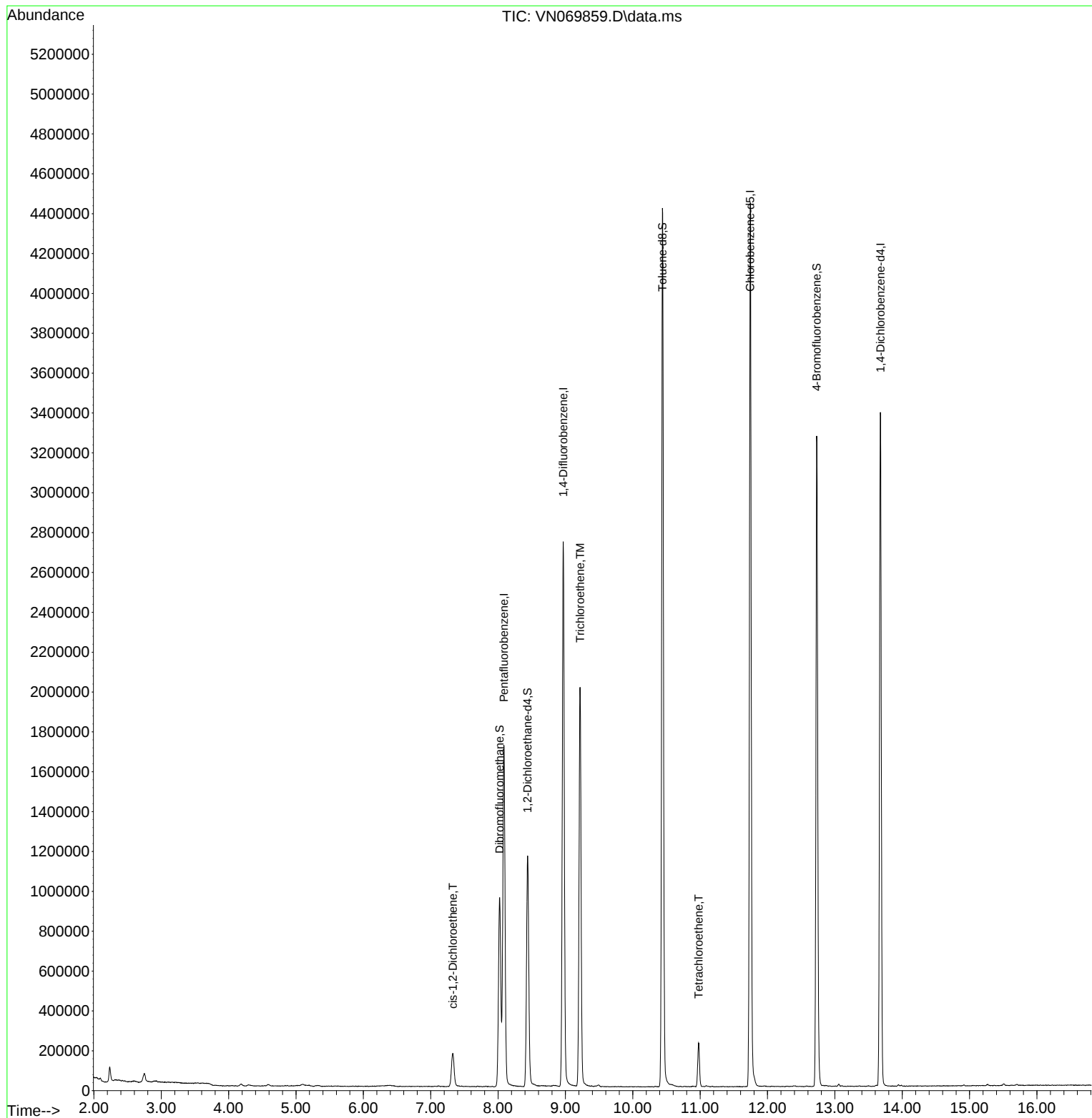
Internal Standards						
1) Pentafluorobenzene	8.088	168	1272819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2304370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2465577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	920470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	1005035	51.141	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.280%			
35) Dibromofluoromethane	8.021	113	690782	47.858	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.720%			
50) Toluene-d8	10.440	98	2989766	51.585	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.180%			
62) 4-Bromofluorobenzene	12.731	95	1149586	54.751	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.500%			
Target Compounds						
27) cis-1,2-Dichloroethene	7.329	96	91765	5.768	ug/l	95
44) Trichloroethene	9.217	130	709131	44.309	ug/l	91
64) Tetrachloroethene	10.977	164	49472	2.959	ug/l	93

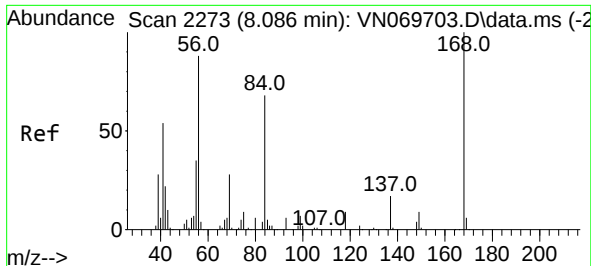
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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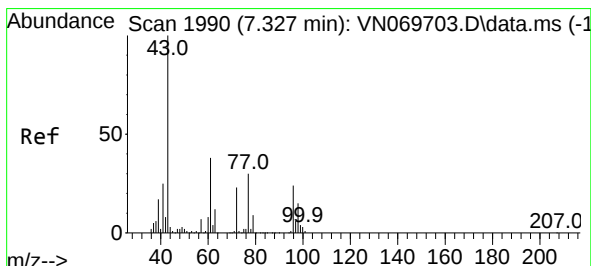
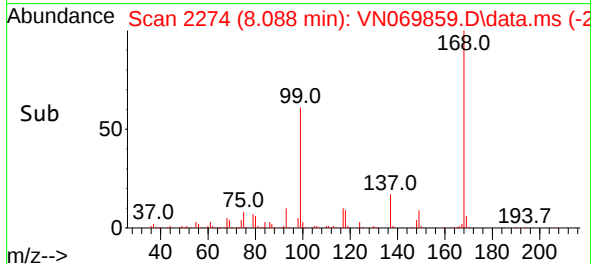
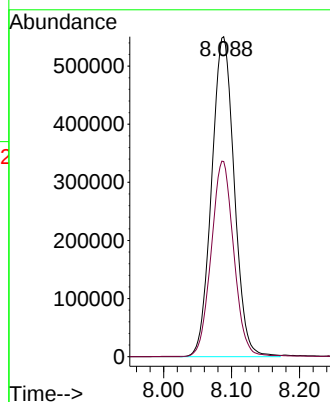
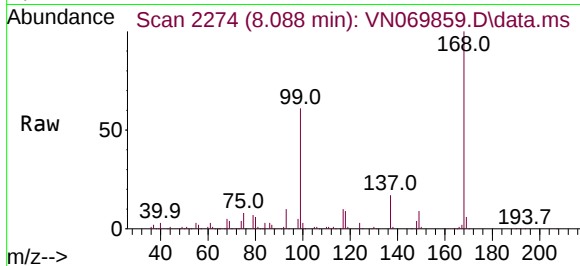




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069859.D
Acq: 8 Dec 2021 14:22

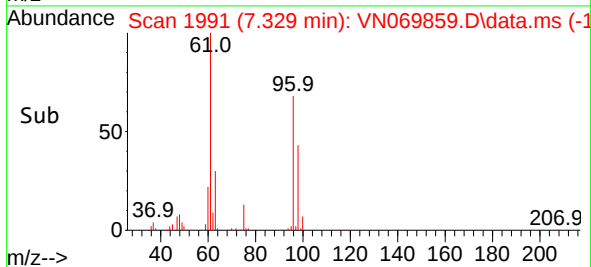
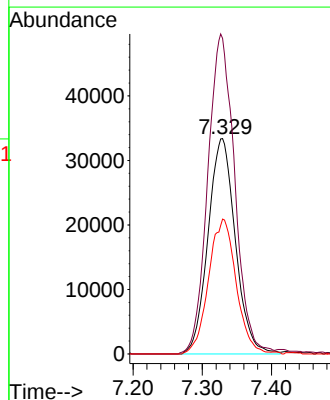
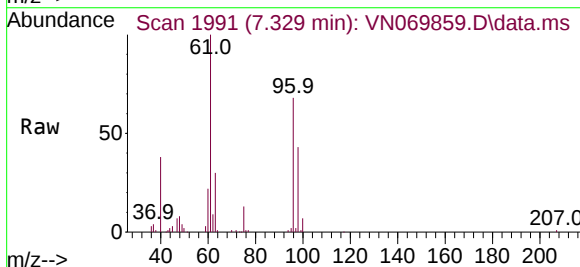
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20211206DL

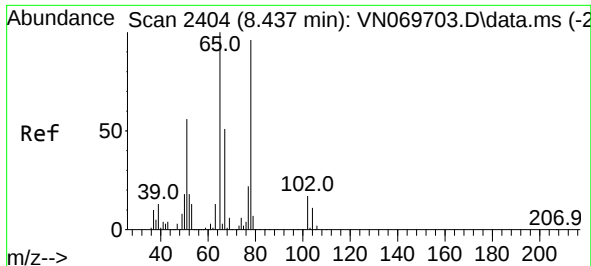
Tgt Ion:168 Resp: 1272819
Ion Ratio Lower Upper
168 100
99 60.9 41.3 61.9



#27
cis-1,2-Dichloroethene
Concen: 5.768 ug/l
RT: 7.329 min Scan# 1991
Delta R.T. 0.003 min
Lab File: VN069859.D
Acq: 8 Dec 2021 14:22

Tgt Ion: 96 Resp: 91765
Ion Ratio Lower Upper
96 100
61 145.9 0.0 275.0
98 63.1 0.0 129.6





#33

1,2-Dichloroethane-d4

Concen: 51.141 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN069859.D

Acq: 8 Dec 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

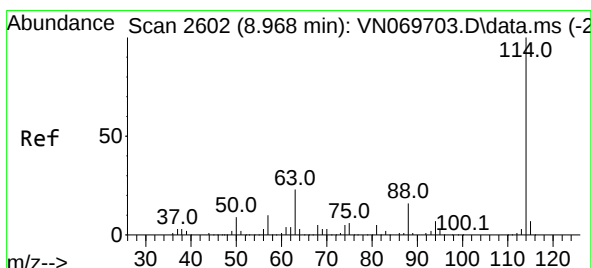
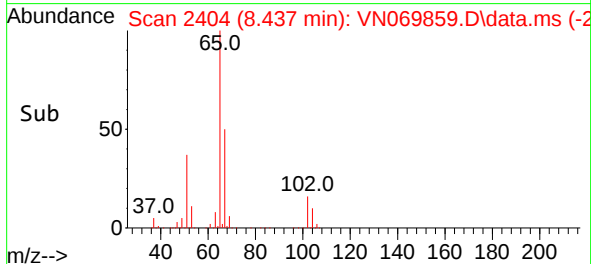
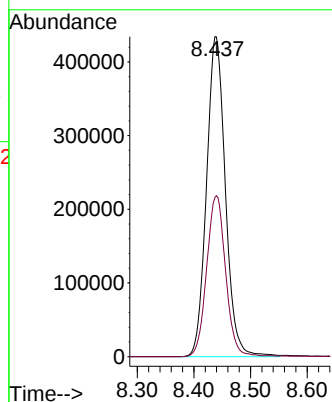
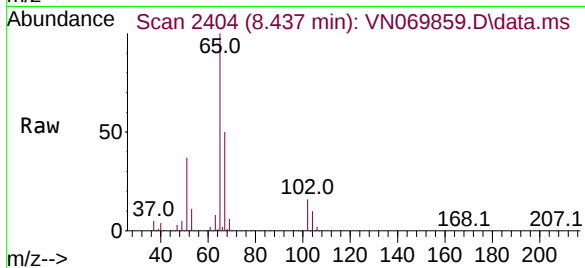
MW179D2-20211206DL

Tgt Ion: 65 Resp: 1005035

Ion Ratio Lower Upper

65 100

67 50.5 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: VN069859.D

Acq: 8 Dec 2021 14:22

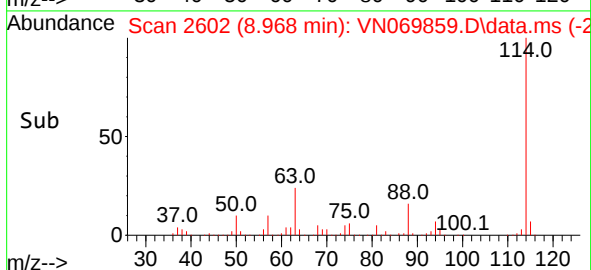
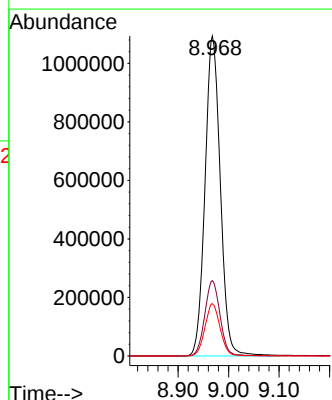
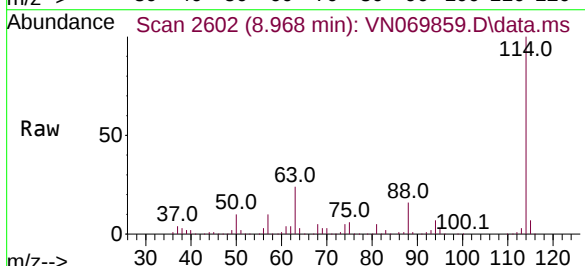
Tgt Ion: 114 Resp: 2304370

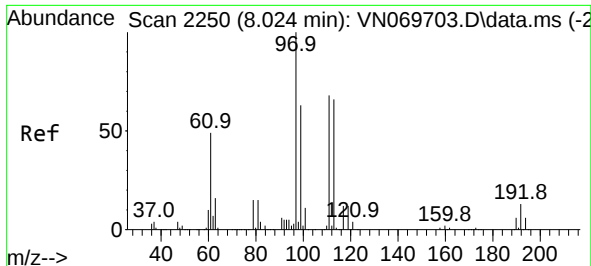
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 16.4 0.0 27.4

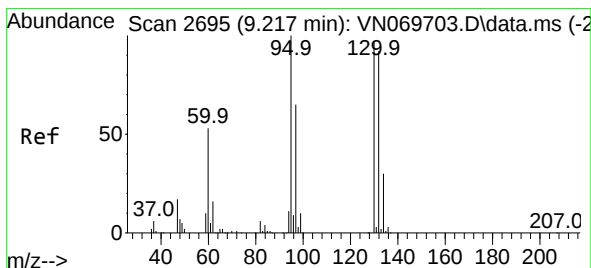
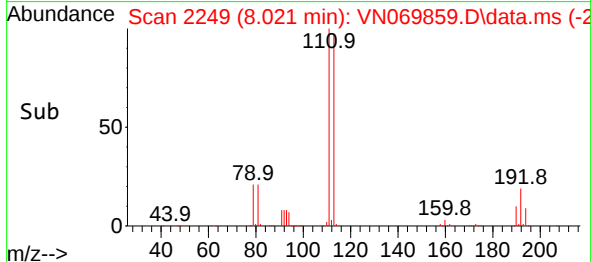
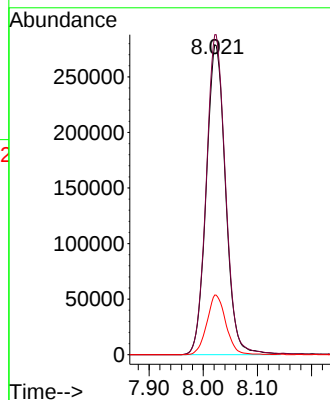
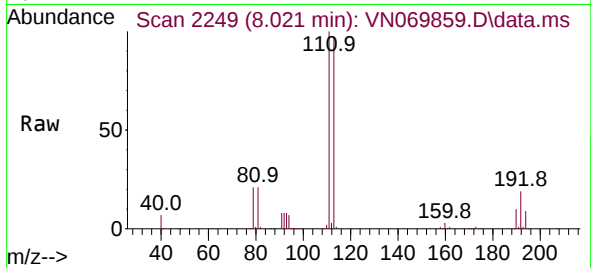




#35
Dibromofluoromethane
Concen: 47.858 ug/l
RT: 8.021 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN069859.D
Acq: 8 Dec 2021 14:22

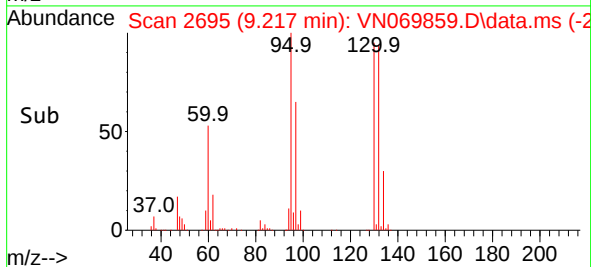
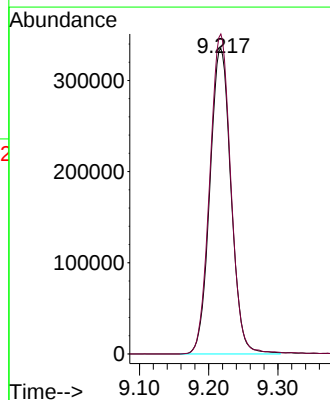
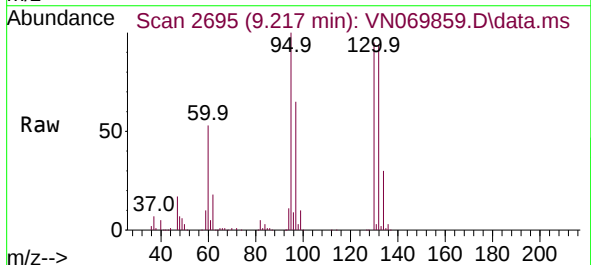
Instrument :
MSVOA_N
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MW179D2-20211206DL

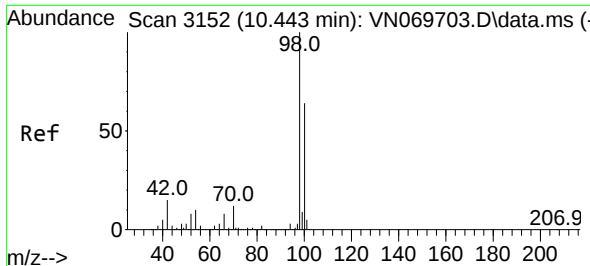
Tgt Ion:113 Resp: 690782
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 18.9 16.9 25.3



#44
Trichloroethene
Concen: 44.309 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069859.D
Acq: 8 Dec 2021 14:22

Tgt Ion:130 Resp: 709131
Ion Ratio Lower Upper
130 100
95 104.8 0.0 191.2

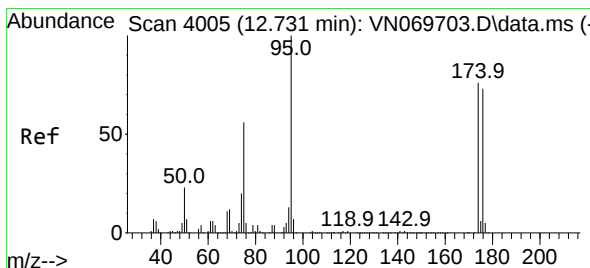
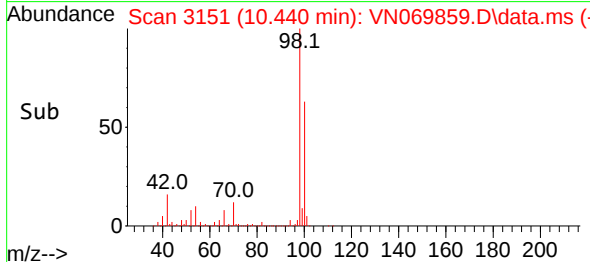
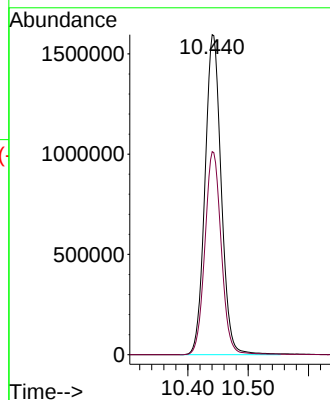
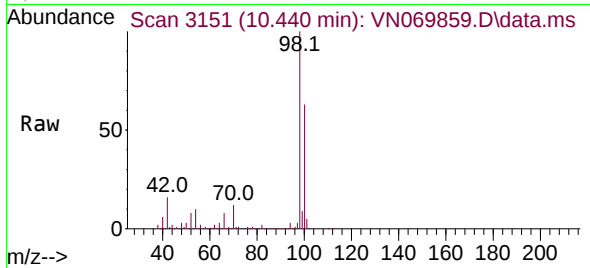




#50
Toluene-d8
Concen: 51.585 ug/l
RT: 10.440 min Scan# 3152
Delta R.T. -0.003 min
Lab File: VN069859.D
Acq: 8 Dec 2021 14:22

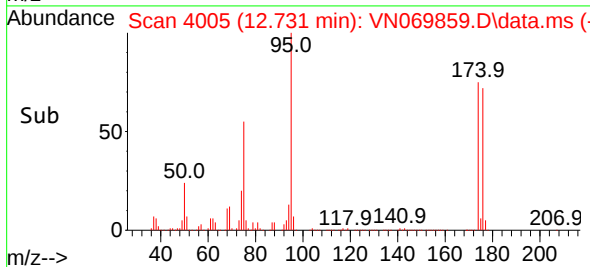
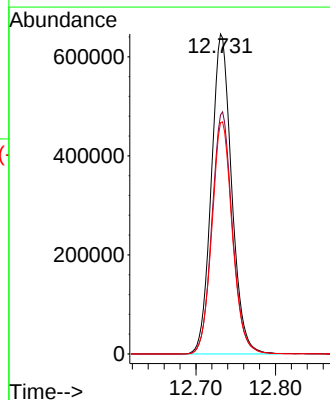
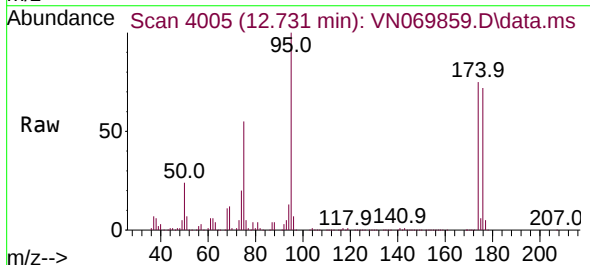
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20211206DL

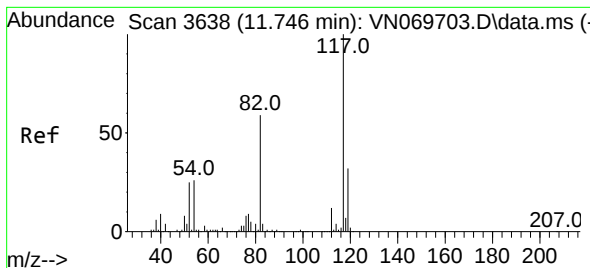
Tgt Ion: 98 Resp: 2989766
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 54.751 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069859.D
Acq: 8 Dec 2021 14:22

Tgt Ion: 95 Resp: 1149586
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN069859.D

Acq: 8 Dec 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

MW179D2-20211206DL

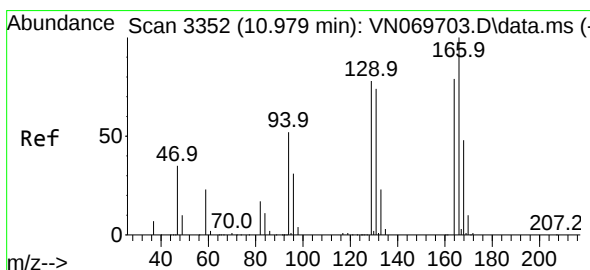
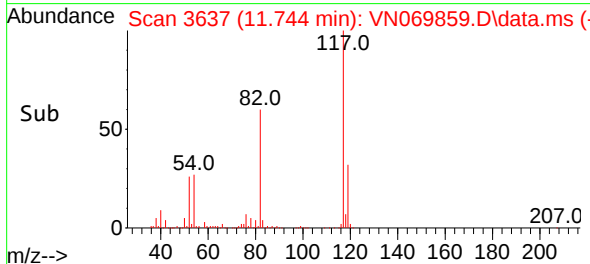
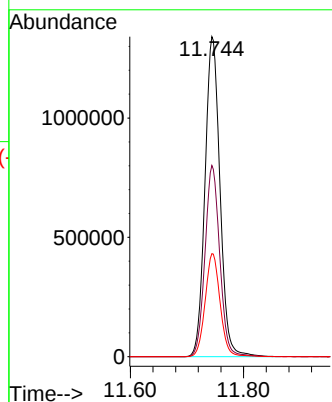
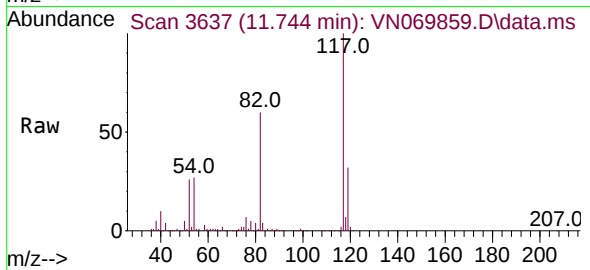
Tgt Ion:117 Resp: 2465577

Ion Ratio Lower Upper

117 100

82 59.7 42.4 63.6

119 32.2 25.4 38.2



#64

Tetrachloroethene

Concen: 2.959 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN069859.D

Acq: 8 Dec 2021 14:22

Tgt Ion:164 Resp: 49472

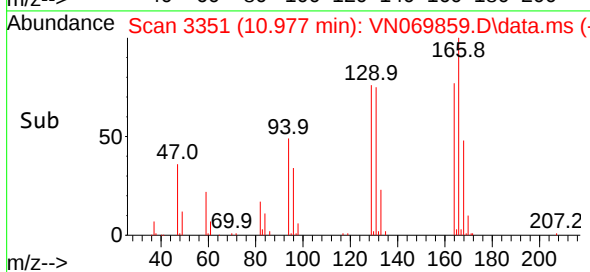
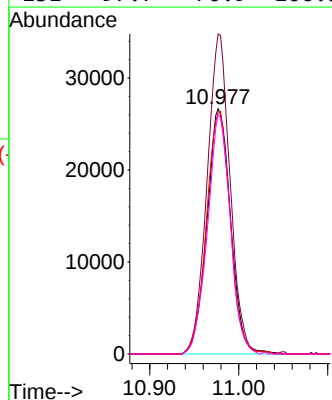
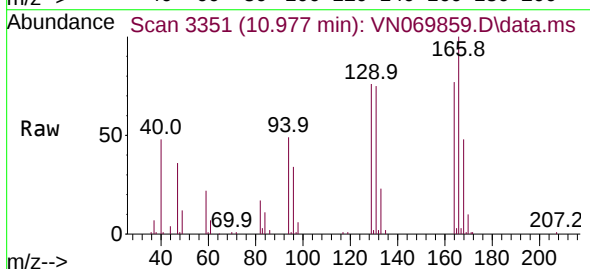
Ion Ratio Lower Upper

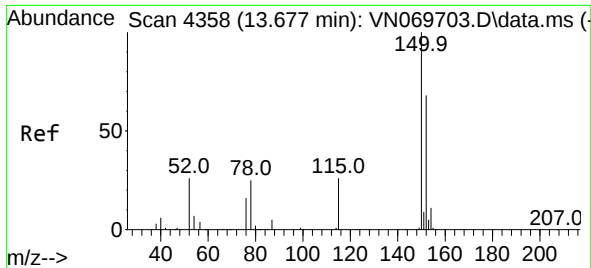
164 100

166 130.5 101.9 152.9

129 98.7 72.0 108.0

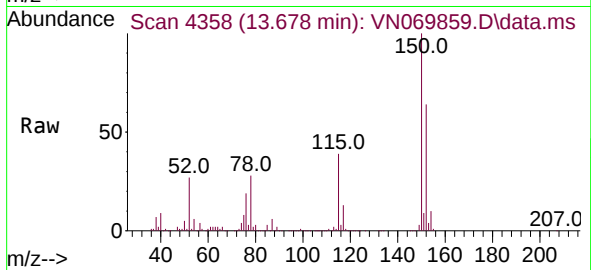
131 97.7 70.9 106.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.678 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN069859.D
 Acq: 8 Dec 2021 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20211206DL



Tgt Ion:152 Resp: 920470
 Ion Ratio Lower Upper
 152 100
 115 60.7 27.5 82.5
 150 157.0 0.0 344.4

