

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075702.D
 Acq On : 10 Dec 2022 09:56
 Operator : JC\MD
 Sample : N5989-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-35

Quant Time: Dec 12 04:58:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

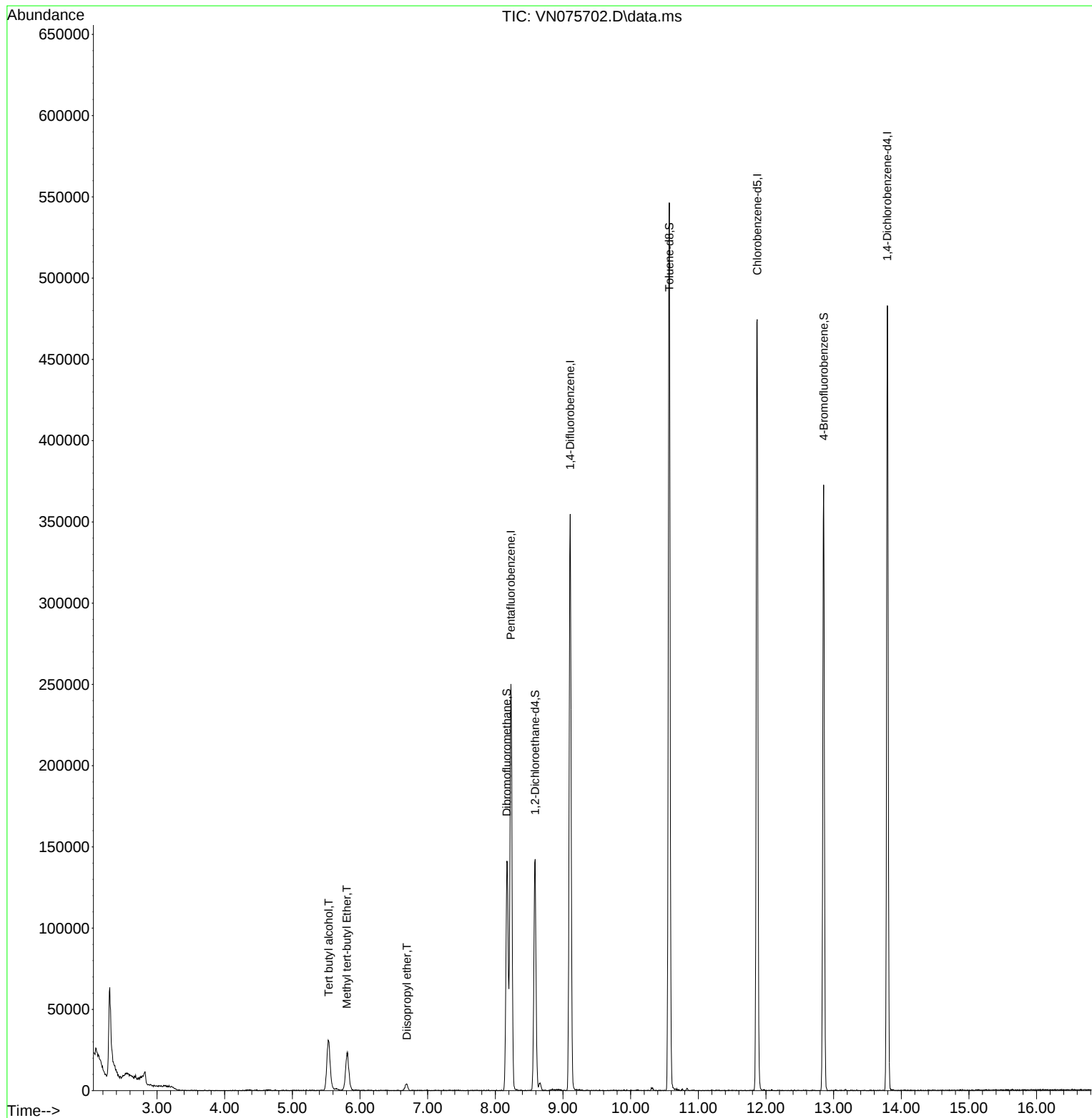
Internal Standards						
1) Pentafluorobenzene	8.230	168	193860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	330170	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	298813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	114525	55.678	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.360%
35) Dibromofluoromethane	8.171	113	102028	50.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.300%
50) Toluene-d8	10.571	98	388936	51.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.820%
62) 4-Bromofluorobenzene	12.853	95	127007	49.103	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.200%
Target Compounds						Qvalue
11) Tert butyl alcohol	5.536	59	56539	185.803	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	39851	7.133	ug/l	100
22) Diisopropyl ether	6.694	45	4682	0.995	ug/l #	94

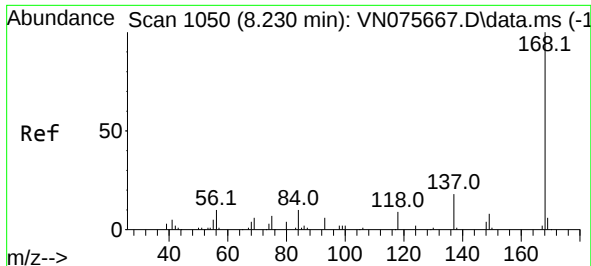
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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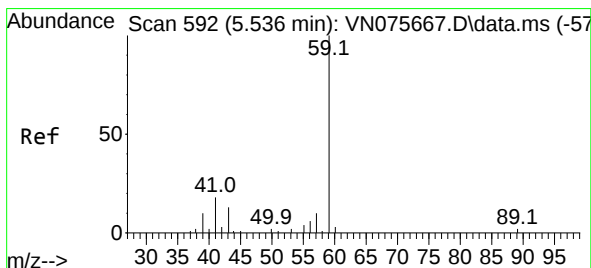
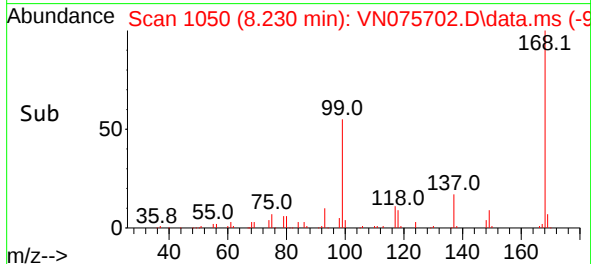
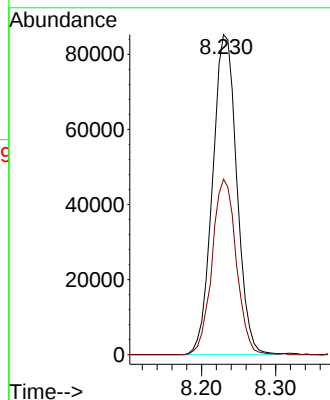
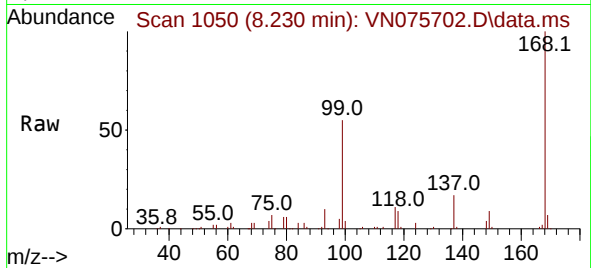




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075702.D
Acq: 10 Dec 2022 09:56

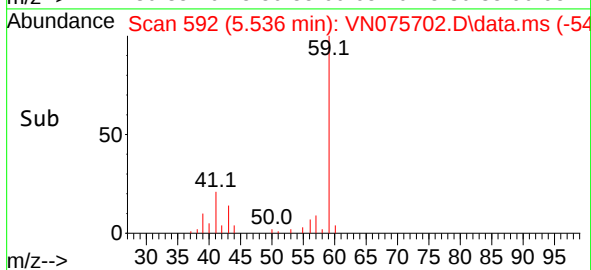
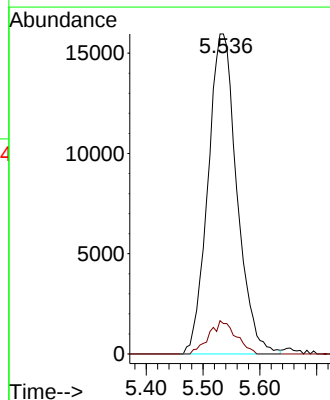
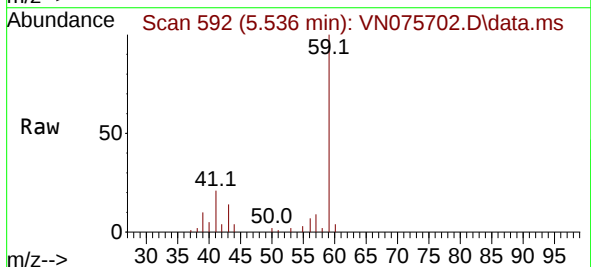
Instrument :
MSVOA_N
ClientSampleId :
MW-35

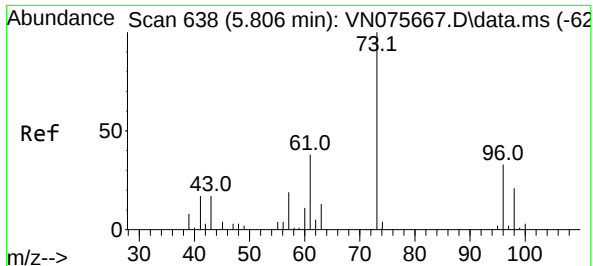
Tgt Ion:168 Resp: 193860
Ion Ratio Lower Upper
168 100
99 54.9 41.2 61.8



#11
Tert butyl alcohol
Concen: 185.803 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075702.D
Acq: 10 Dec 2022 09:56

Tgt Ion: 59 Resp: 56539
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.4





#19

Methyl tert-butyl Ether

Concen: 7.133 ug/l

RT: 5.806 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN075702.D

Acq: 10 Dec 2022 09:56

Instrument :

MSVOA_N

ClientSampleId :

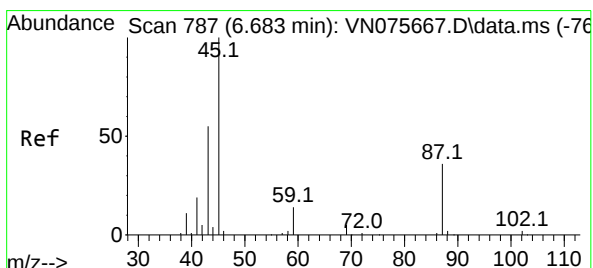
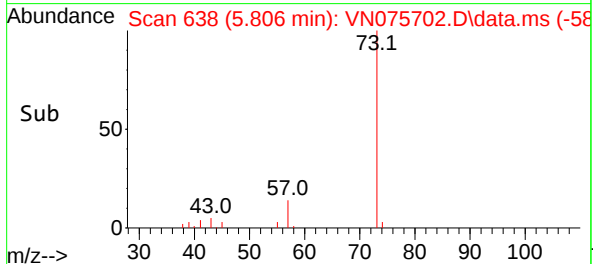
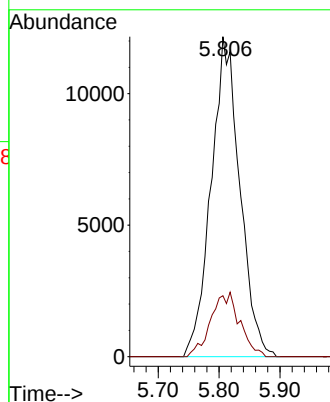
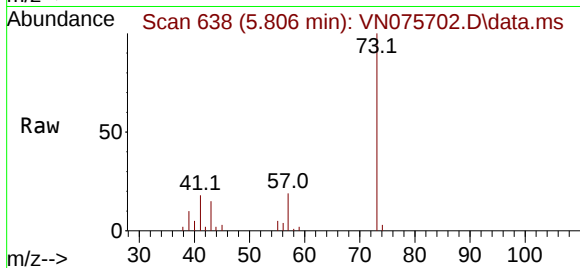
MW-35

Tgt Ion: 73 Resp: 39851

Ion Ratio Lower Upper

73 100

57 19.1 15.1 22.7



#22

Diisopropyl ether

Concen: 0.995 ug/l

RT: 6.694 min Scan# 789

Delta R.T. 0.012 min

Lab File: VN075702.D

Acq: 10 Dec 2022 09:56

Tgt Ion: 45 Resp: 4682

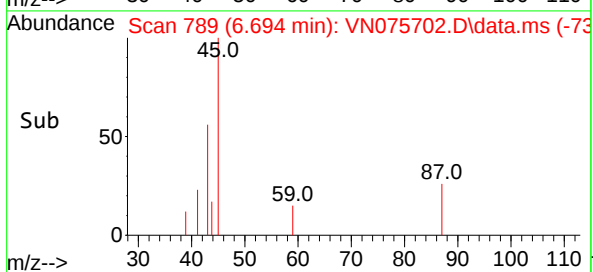
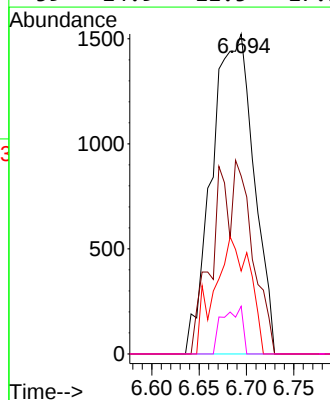
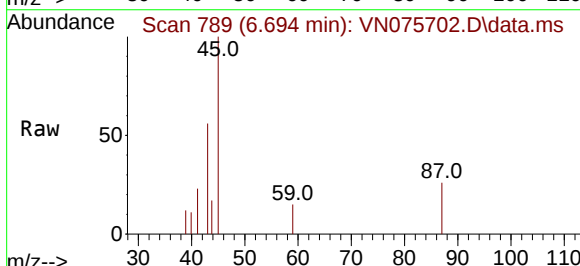
Ion Ratio Lower Upper

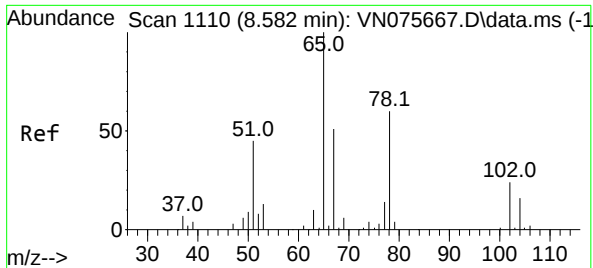
45 100

43 55.6 44.9 67.3

87 25.9 28.8 43.2#

59 14.9 11.5 17.3





#33

1,2-Dichloroethane-d4

Concen: 55.678 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075702.D

Acq: 10 Dec 2022 09:56

Instrument :

MSVOA_N

ClientSampleId :

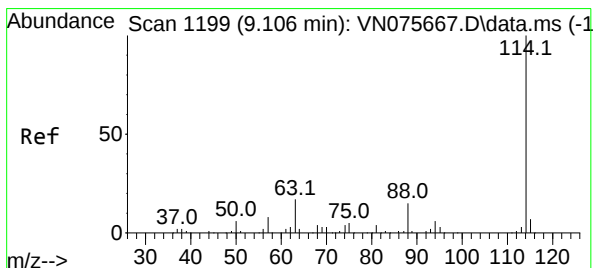
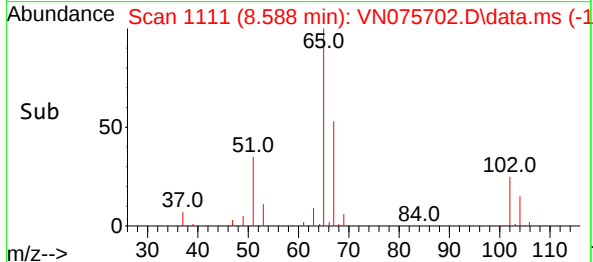
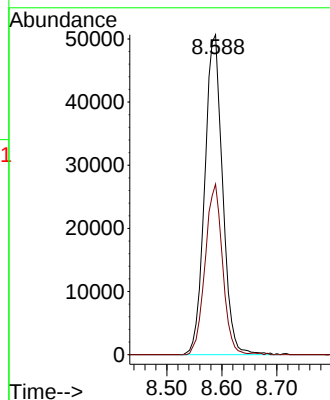
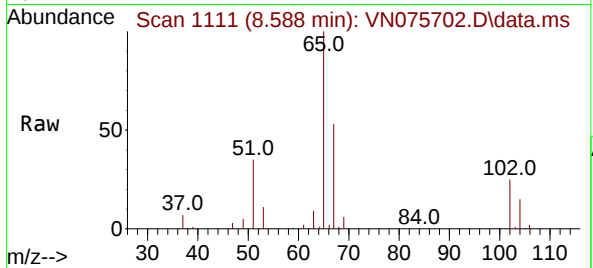
MW-35

Tgt Ion: 65 Resp: 114525

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN075702.D

Acq: 10 Dec 2022 09:56

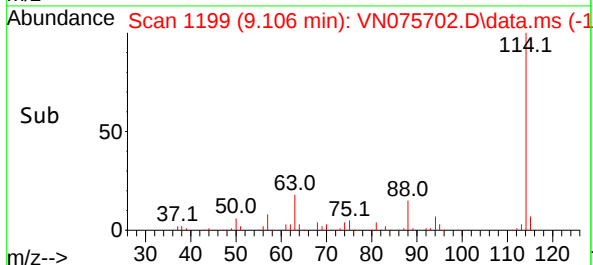
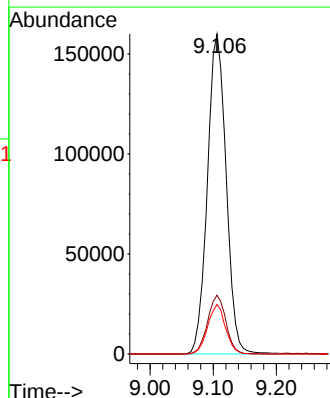
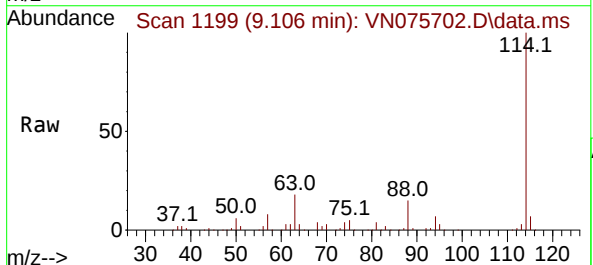
Tgt Ion: 114 Resp: 330170

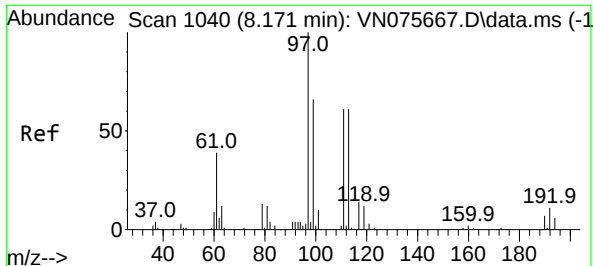
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.4

88 15.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 50.649 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075702.D

Acq: 10 Dec 2022 09:56

Instrument :

MSVOA_N

ClientSampleId :

MW-35

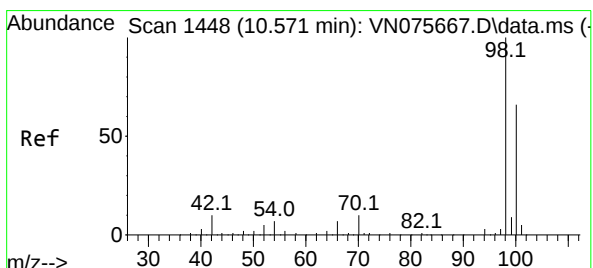
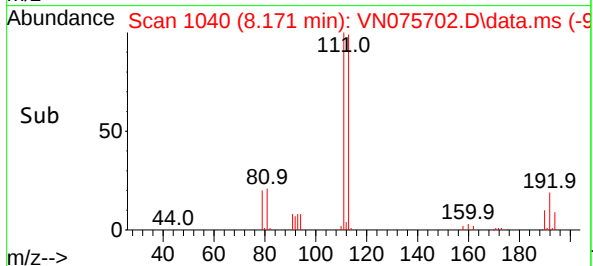
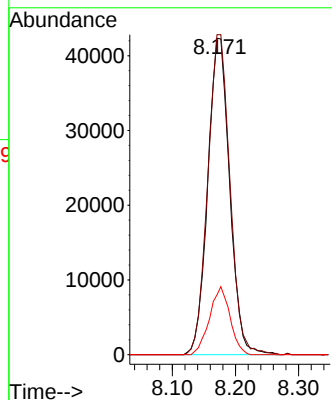
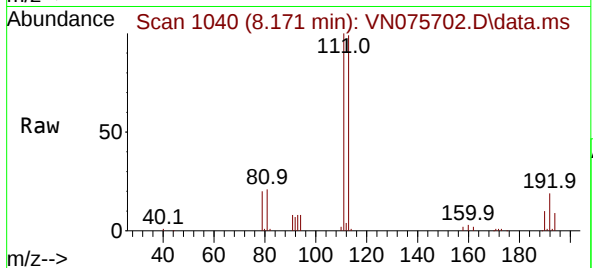
Tgt Ion:113 Resp: 102028

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

192 20.1 16.2 24.2



#50

Toluene-d8

Concen: 51.412 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075702.D

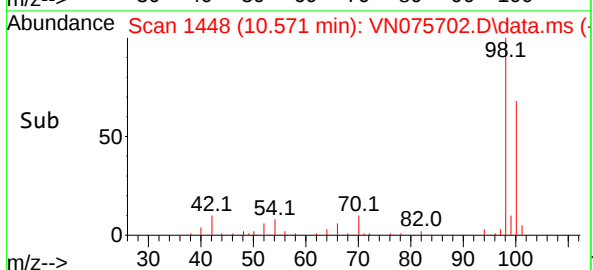
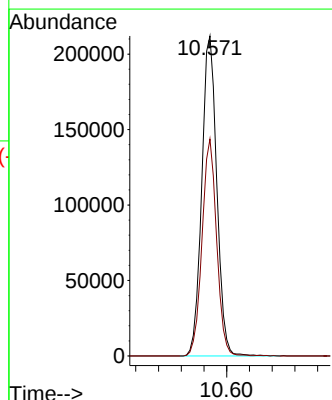
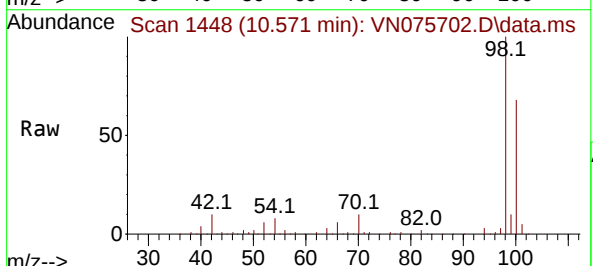
Acq: 10 Dec 2022 09:56

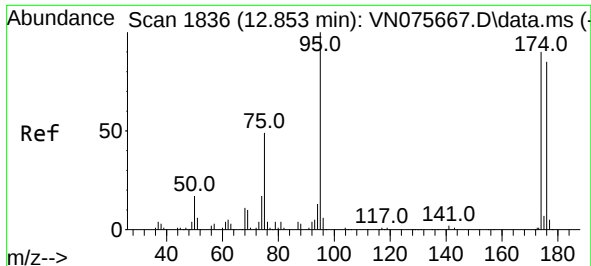
Tgt Ion: 98 Resp: 388936

Ion Ratio Lower Upper

98 100

100 65.8 52.6 78.8

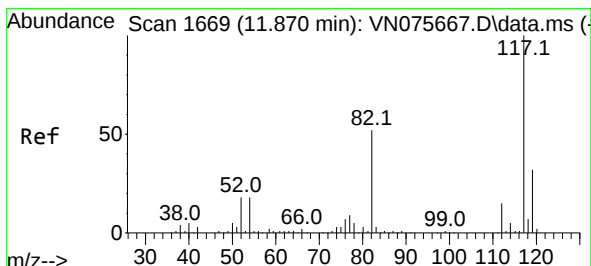
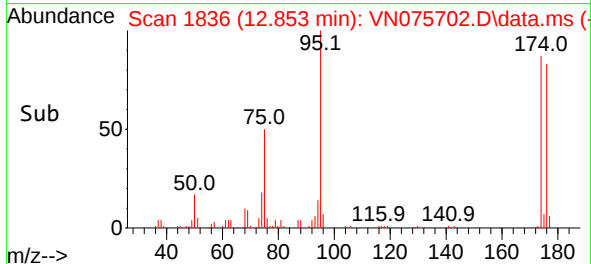
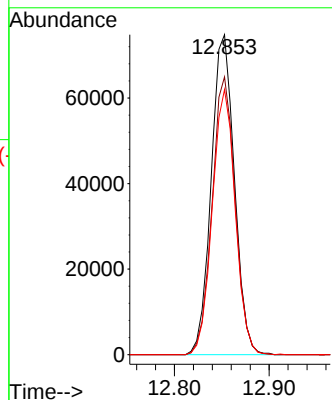
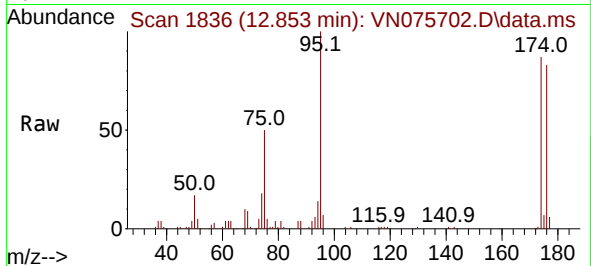




#62
4-Bromofluorobenzene
Concen: 49.103 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075702.D
Acq: 10 Dec 2022 09:56

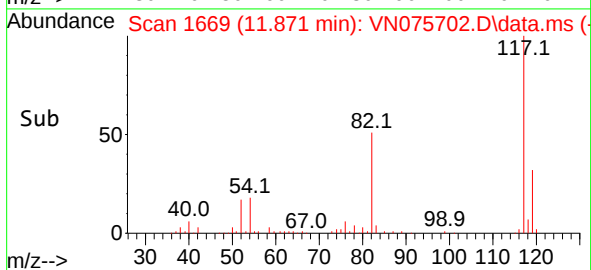
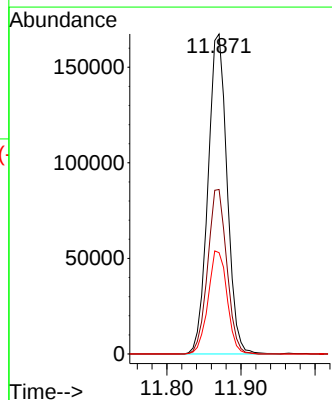
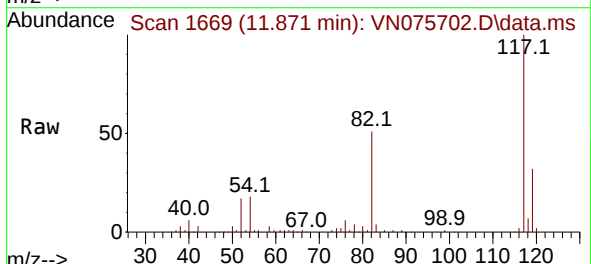
Instrument :
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MW-35

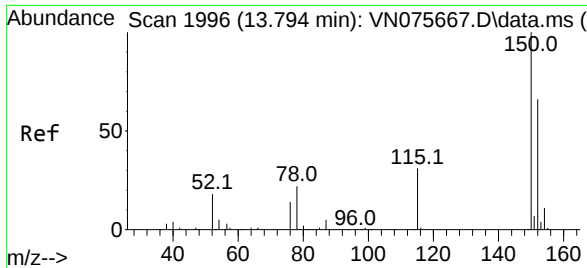
Tgt Ion: 95 Resp: 127007
Ion Ratio Lower Upper
95 100
174 86.3 0.0 178.6
176 82.2 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075702.D
Acq: 10 Dec 2022 09:56

Tgt Ion: 117 Resp: 298813
Ion Ratio Lower Upper
117 100
82 51.4 41.8 62.8
119 31.6 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075702.D
 Acq: 10 Dec 2022 09:56

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-35

Tgt Ion:152 Resp: 138326
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.4 85.2
 150 156.1 0.0 347.6

