

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075725.D
 Acq On : 12 Dec 2022 20:05
 Operator : JC\MD
 Sample : N5978-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-09

Quant Time: Dec 13 01:35:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 07:54:35 2022
 Response via : Initial Calibration

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

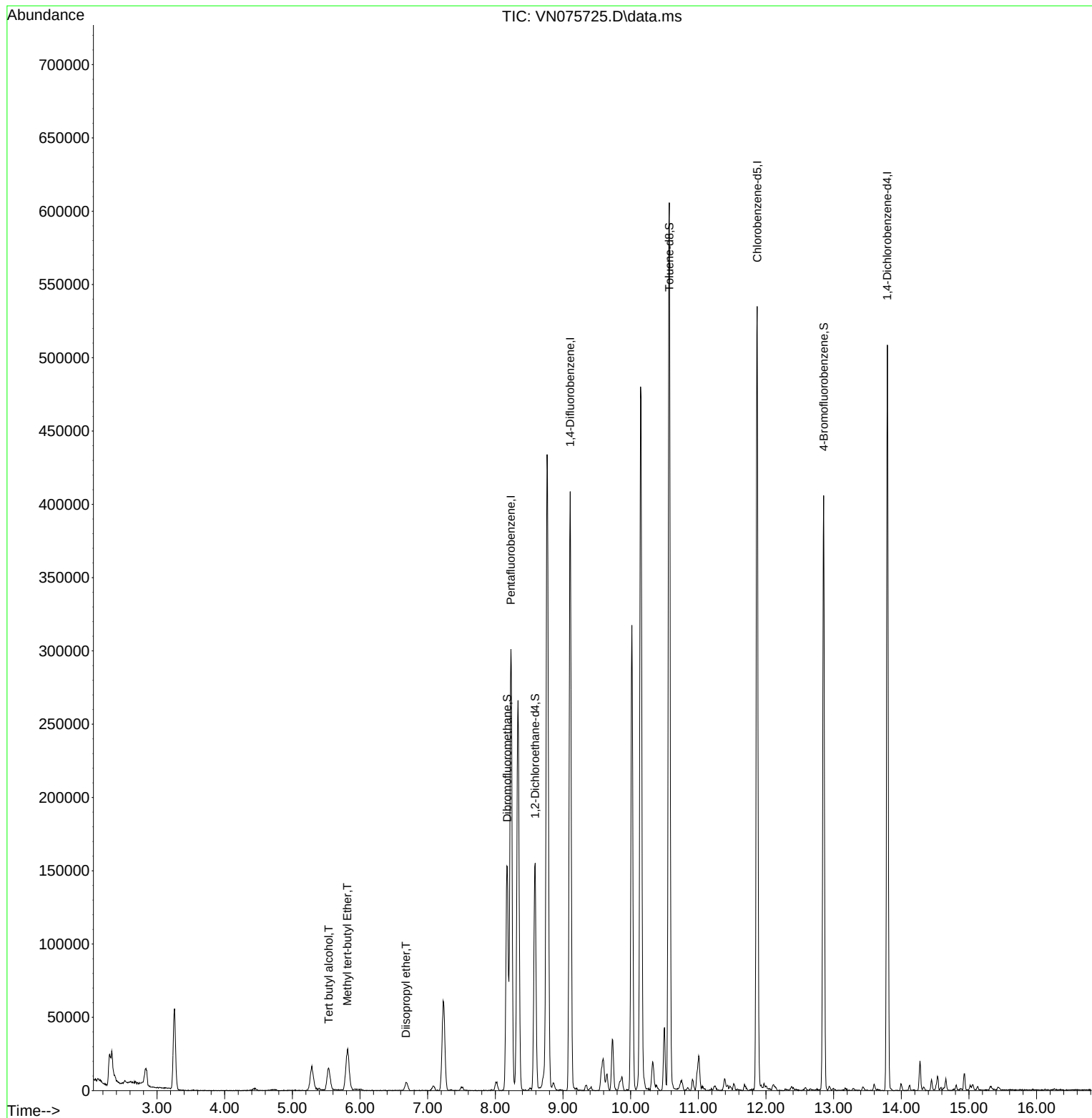
Internal Standards						
1) Pentafluorobenzene	8.230	168	241050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	378190	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	329278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125819	49.194	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.380%
35) Dibromofluoromethane	8.177	113	112896	48.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.860%
50) Toluene-d8	10.571	98	445638	51.428	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.860%
62) 4-Bromofluorobenzene	12.853	95	138506	46.750	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.536	59	28866	76.291	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	37105	5.342	ug/l #	60
22) Diisopropyl ether	6.677	45	6323	1.081	ug/l #	89

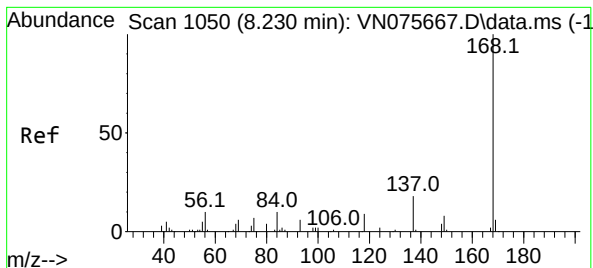
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
Data File : VN075725.D
Acq On : 12 Dec 2022 20:05
Operator : JC\MD
Sample : N5978-10
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

Quant Time: Dec 13 01:35:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 12 07:54:35 2022
Response via : Initial Calibration

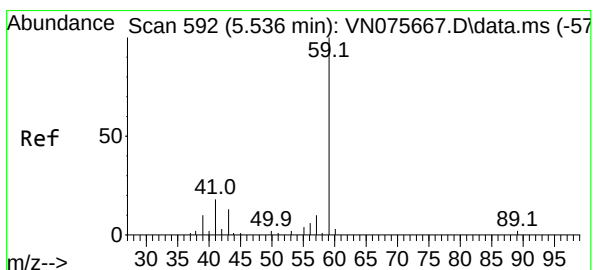
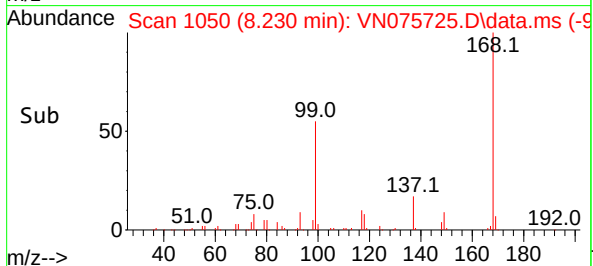
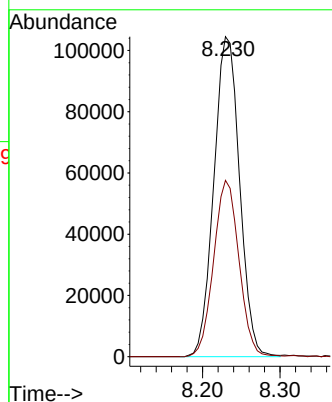
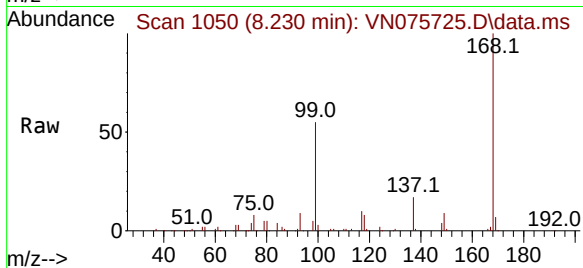




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075725.D
Acq: 12 Dec 2022 20:05

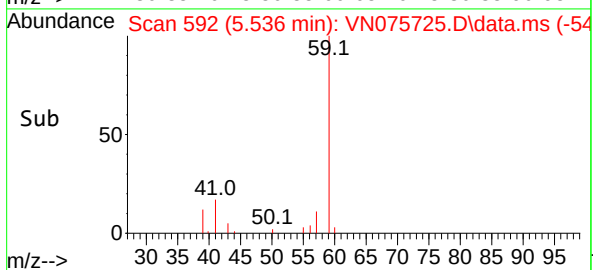
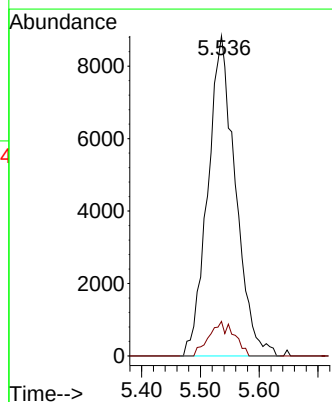
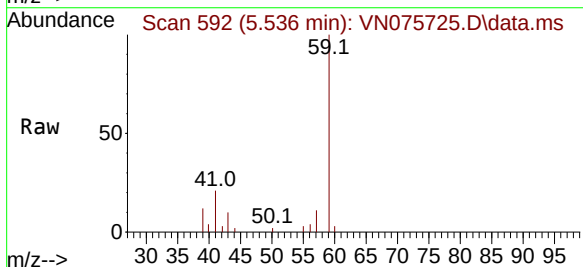
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

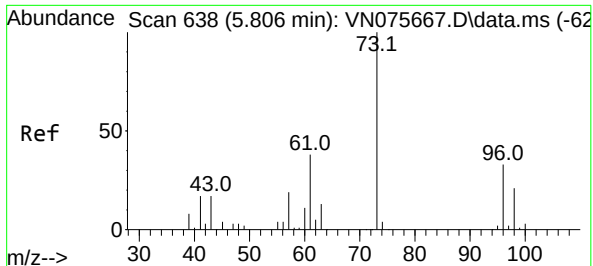
Tgt Ion:168 Resp: 241050
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#11
Tert butyl alcohol
Concen: 76.291 ug/l
RT: 5.536 min Scan# 592
Delta R.T. 0.000 min
Lab File: VN075725.D
Acq: 12 Dec 2022 20:05

Tgt Ion: 59 Resp: 28866
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.4

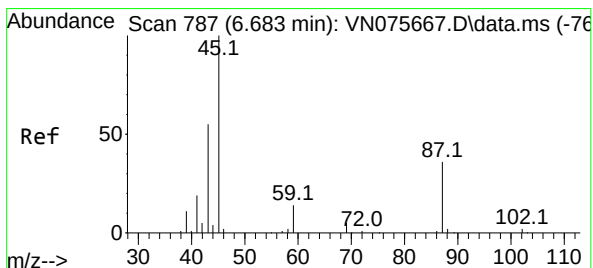
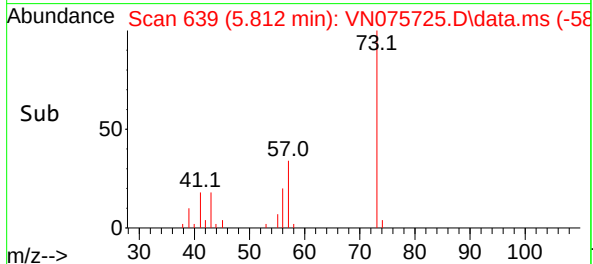
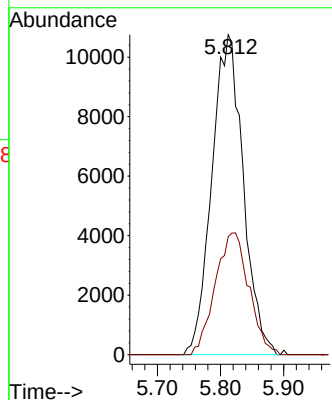
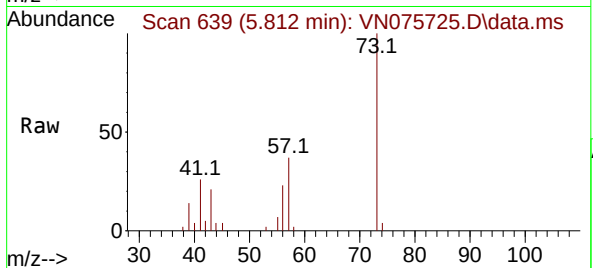




#19
Methyl tert-butyl Ether
Concen: 5.342 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075725.D
Acq: 12 Dec 2022 20:05

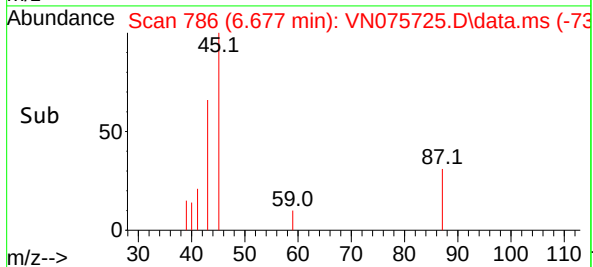
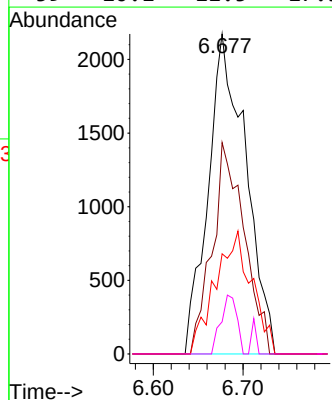
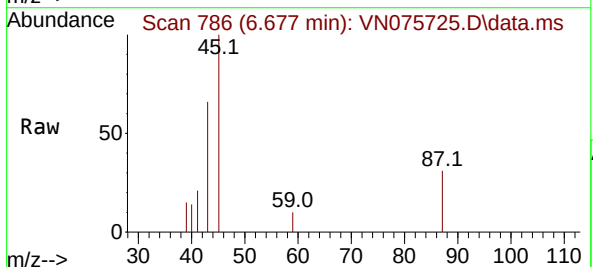
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

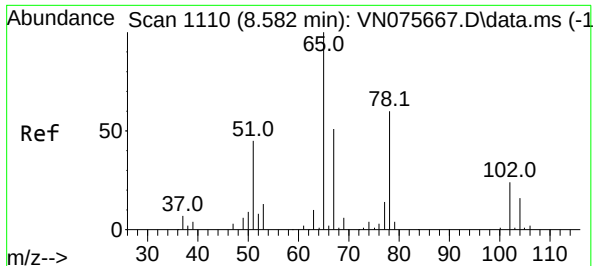
Tgt Ion: 73 Resp: 37105
Ion Ratio Lower Upper
73 100
57 36.9 15.1 22.7#



#22
Diisopropyl ether
Concen: 1.081 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075725.D
Acq: 12 Dec 2022 20:05

Tgt Ion: 45 Resp: 6323
Ion Ratio Lower Upper
45 100
43 66.0 44.9 67.3
87 31.3 28.8 43.2
59 10.1 11.5 17.3#





#33

1,2-Dichloroethane-d4

Concen: 49.194 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075725.D

Acq: 12 Dec 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

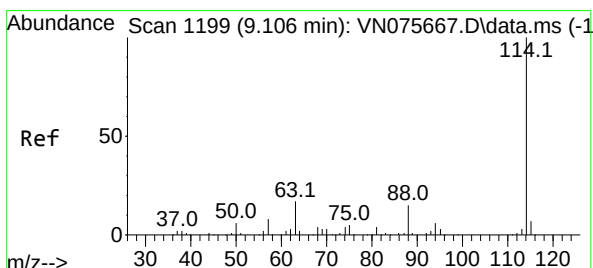
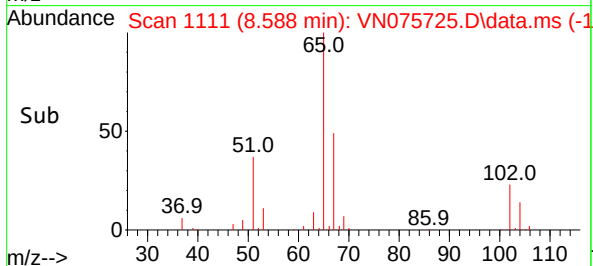
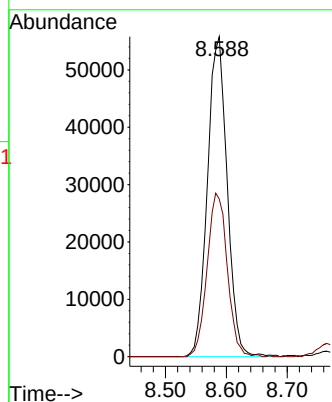
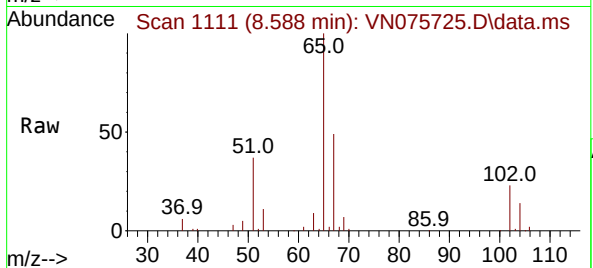
TOLL-MW-09

Tgt Ion: 65 Resp: 125819

Ion Ratio Lower Upper

65 100

67 52.2 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: VN075725.D

Acq: 12 Dec 2022 20:05

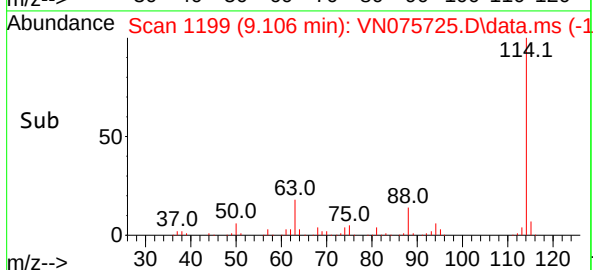
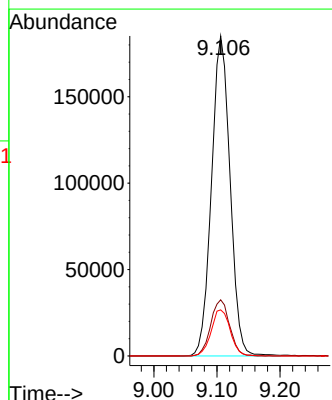
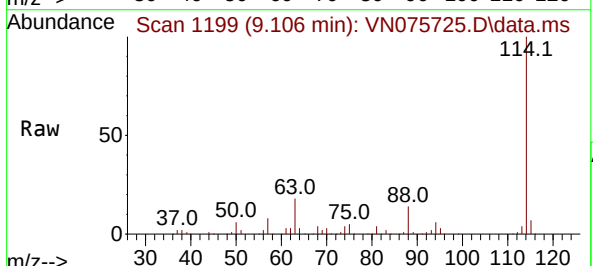
Tgt Ion: 114 Resp: 378190

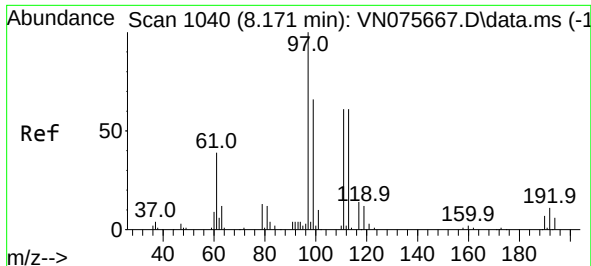
Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.4 0.0 29.2





#35

Dibromofluoromethane

Concen: 48.928 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075725.D

Acq: 12 Dec 2022 20:05

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-09

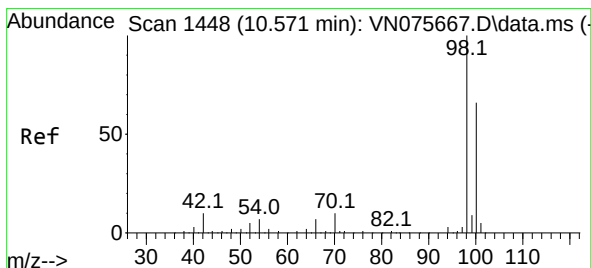
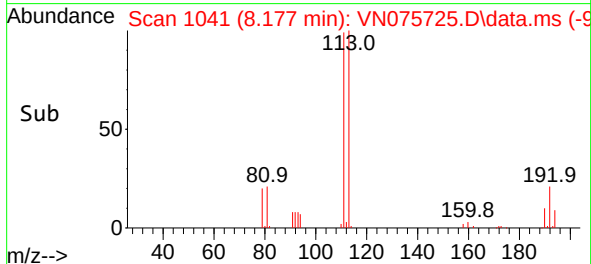
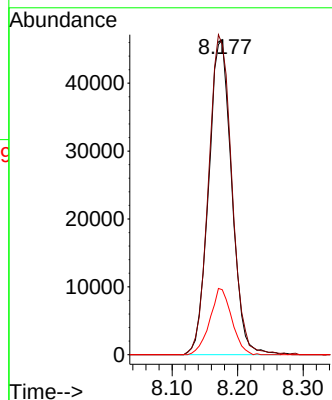
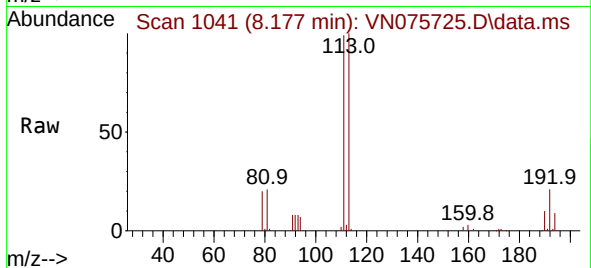
Tgt Ion:113 Resp: 112896

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

192 20.0 16.2 24.2



#50

Toluene-d8

Concen: 51.428 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN075725.D

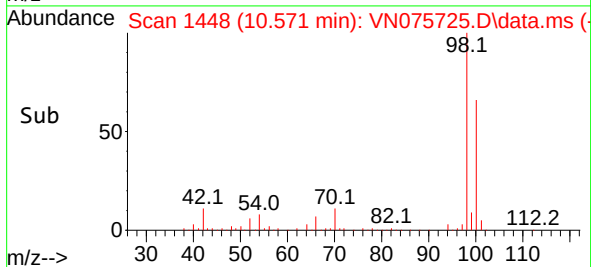
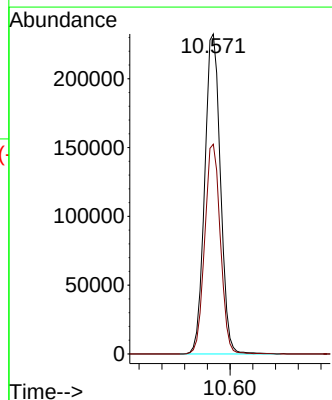
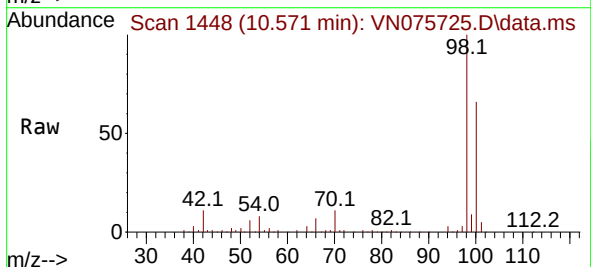
Acq: 12 Dec 2022 20:05

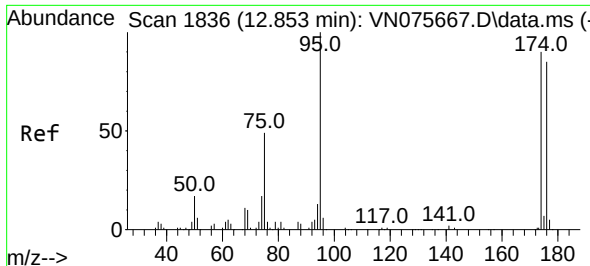
Tgt Ion: 98 Resp: 445638

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

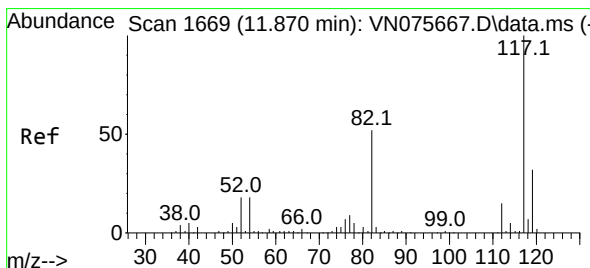
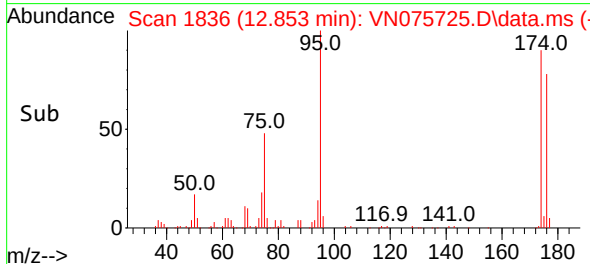
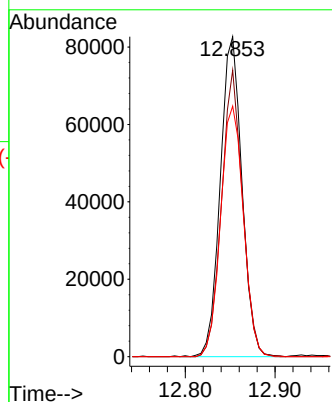
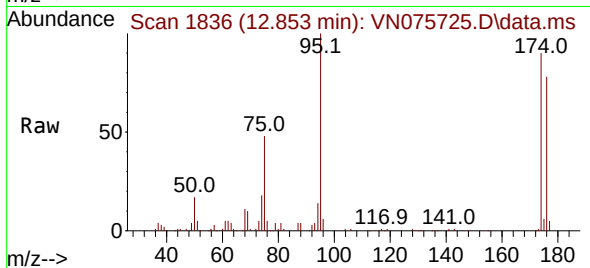




#62
4-Bromofluorobenzene
Concen: 46.750 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075725.D
Acq: 12 Dec 2022 20:05

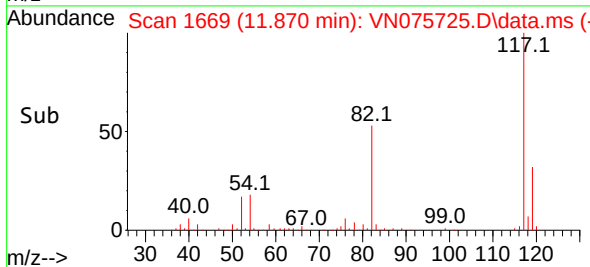
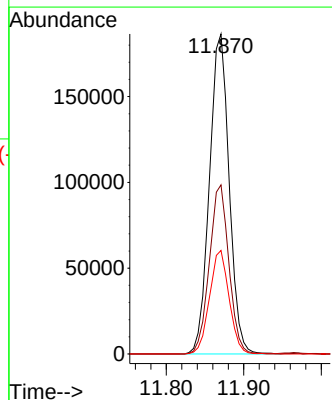
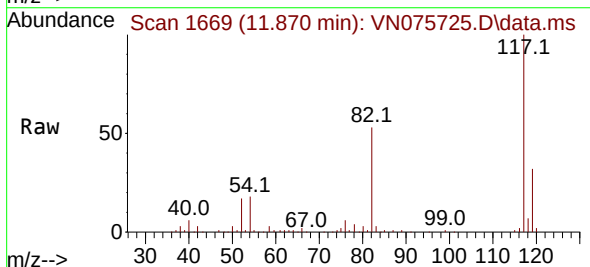
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-09

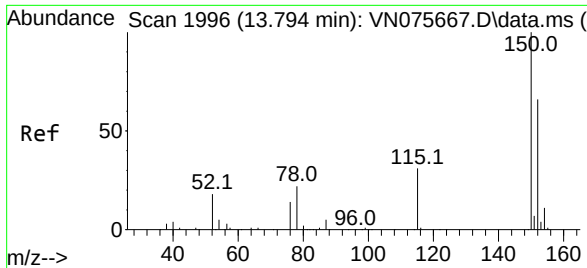
Tgt Ion: 95 Resp: 138506
Ion Ratio Lower Upper
95 100
174 86.7 0.0 178.6
176 82.5 0.0 170.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075725.D
Acq: 12 Dec 2022 20:05

Tgt Ion: 117 Resp: 329278
Ion Ratio Lower Upper
117 100
82 52.9 41.8 62.8
119 32.3 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: VN075725.D
 Acq: 12 Dec 2022 20:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-09

Tgt Ion:152 Resp: 144416
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.4 85.2
 150 157.6 0.0 347.6

