

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075722.D
 Acq On : 12 Dec 2022 18:53
 Operator : JC\MD
 Sample : N5978-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-06

Quant Time: Dec 13 01:34:43 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)

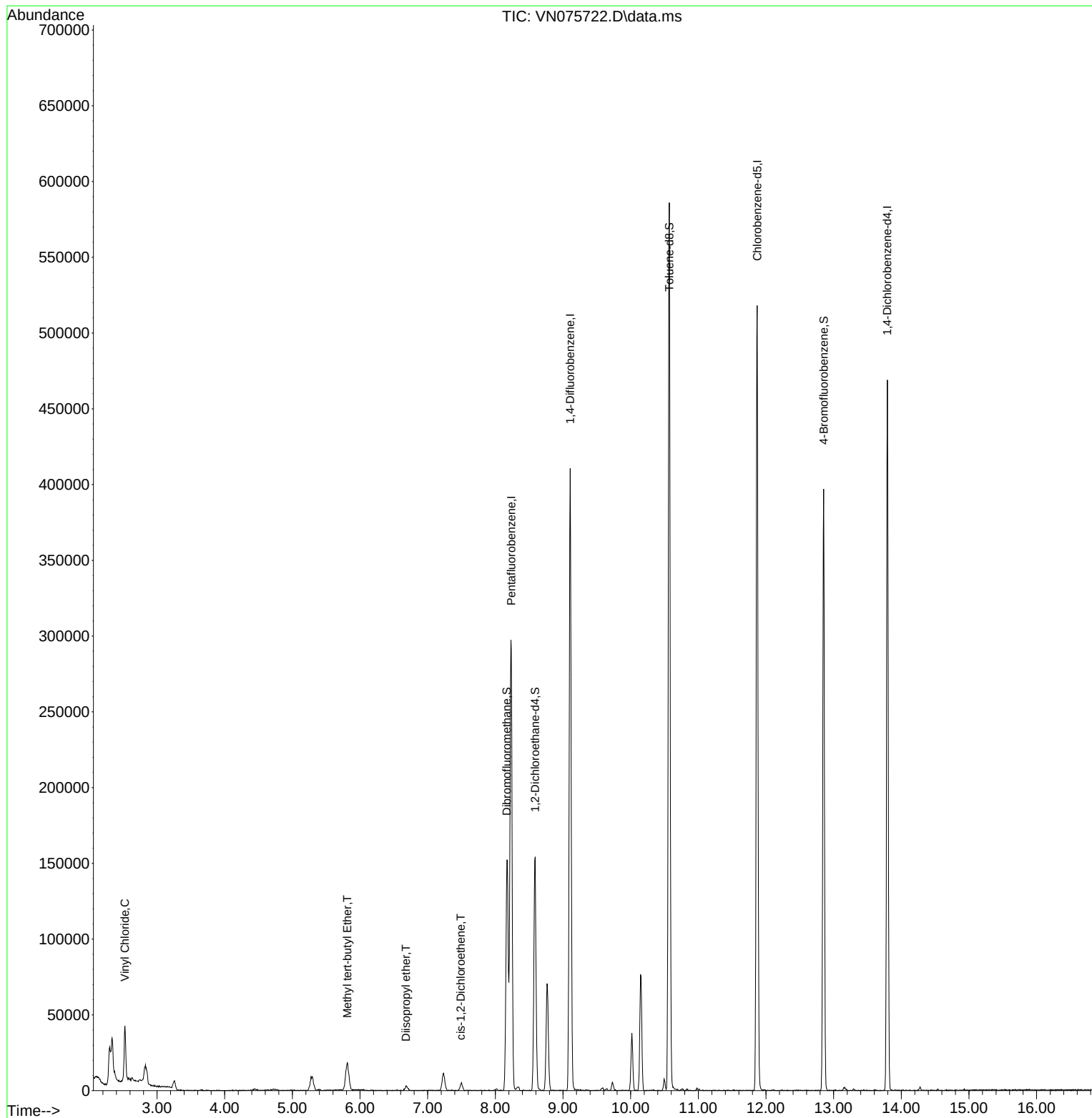
Internal Standards						
1) Pentafluorobenzene	8.235	168	235752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	371732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	319970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	134861	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	123510	49.377	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.760%
35) Dibromofluoromethane	8.171	113	112535	49.619	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.240%
50) Toluene-d8	10.570	98	428164	50.270	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.540%
62) 4-Bromofluorobenzene	12.853	95	131092	45.016	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.524	62	2249	0.886	ug/l #	76
19) Methyl tert-butyl Ether	5.812	73	31851	4.688	ug/l	100
22) Diisopropyl ether	6.677	45	2976	0.520	ug/l #	80
27) cis-1,2-Dichloroethene	7.488	96	3352	1.223	ug/l	88

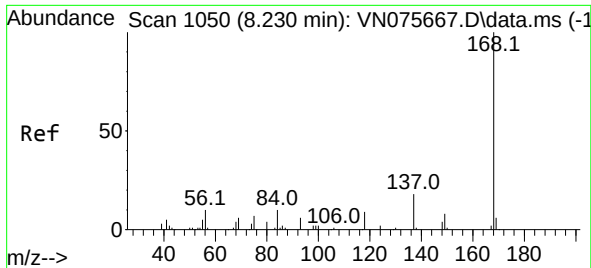
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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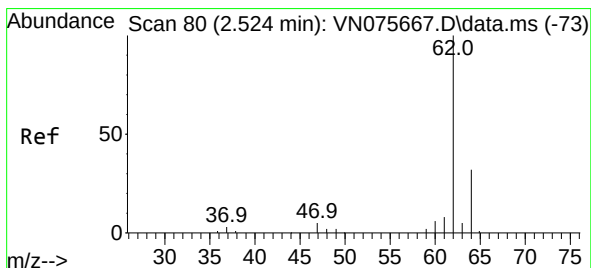
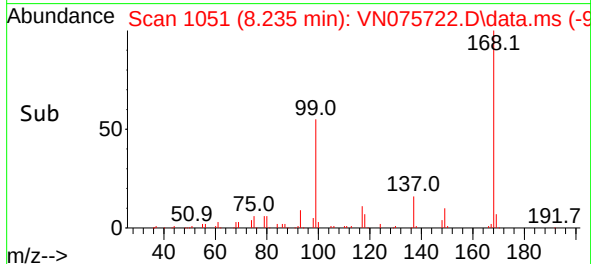
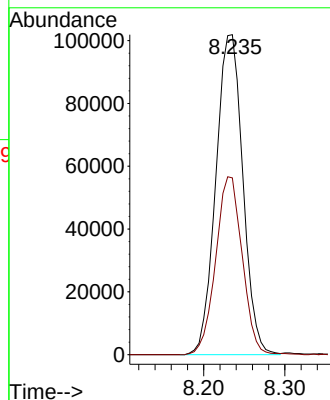
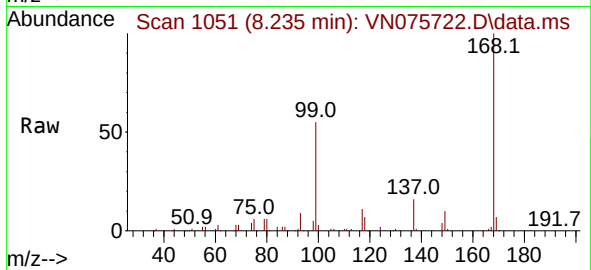




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

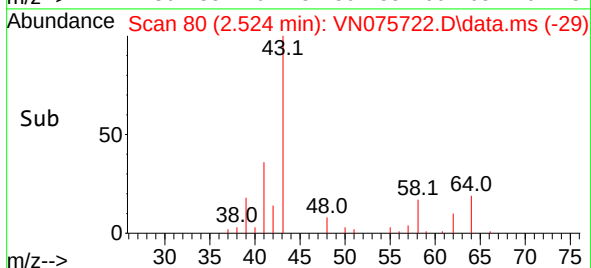
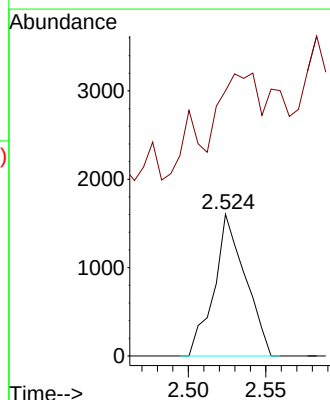
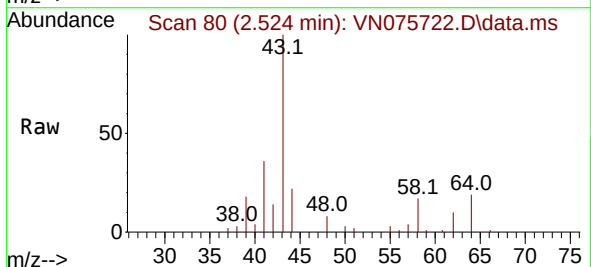
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

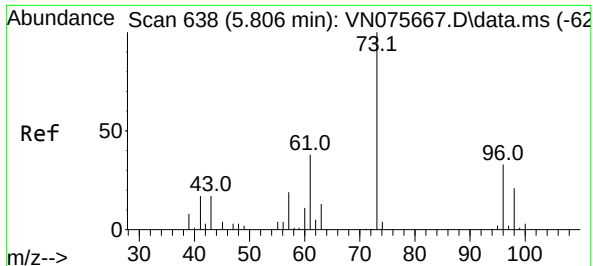
Tgt Ion:168 Resp: 235752
Ion Ratio Lower Upper
168 100
99 55.3 41.2 61.8



#4
Vinyl Chloride
Concen: 0.886 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

Tgt Ion: 62 Resp: 2249
Ion Ratio Lower Upper
62 100
64 45.6 25.9 38.9#

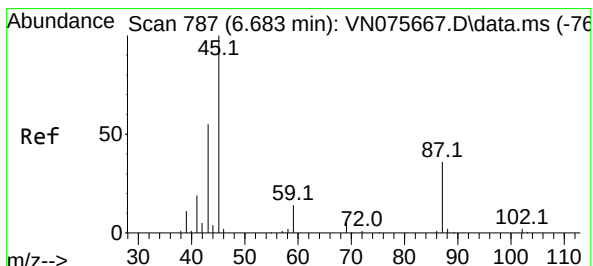
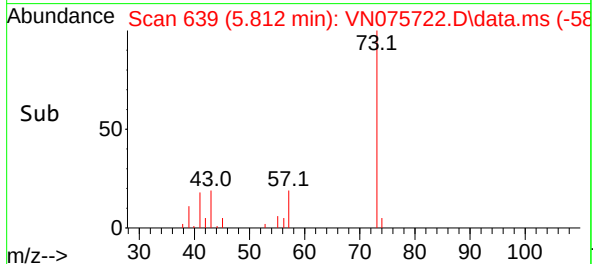
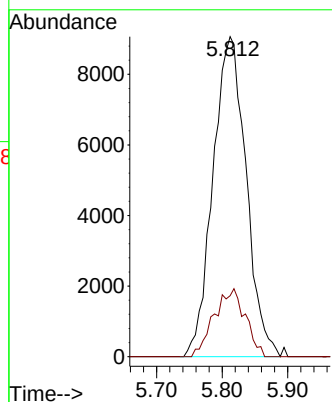
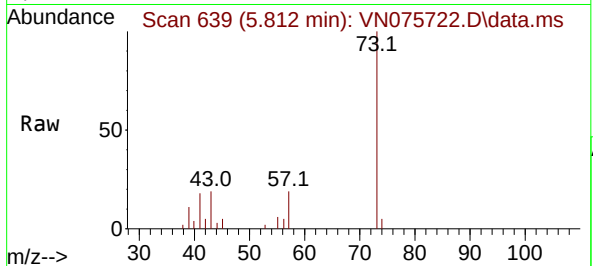




#19
Methyl tert-butyl Ether
Concen: 4.688 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

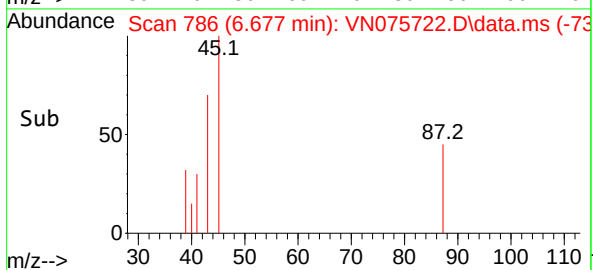
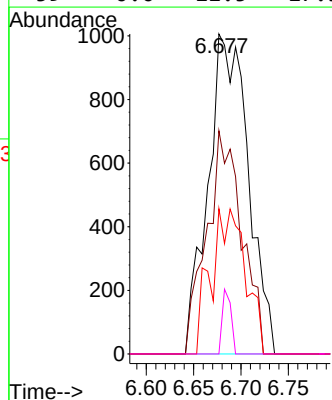
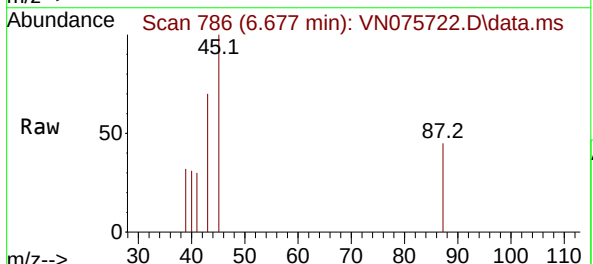
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-06

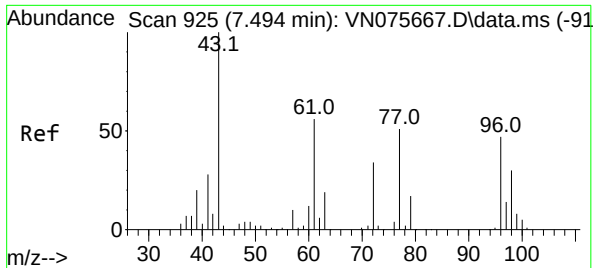
Tgt Ion: 73 Resp: 31851
Ion Ratio Lower Upper
73 100
57 19.1 15.1 22.7



#22
Diisopropyl ether
Concen: 0.520 ug/l
RT: 6.677 min Scan# 786
Delta R.T. -0.006 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

Tgt Ion: 45 Resp: 2976
Ion Ratio Lower Upper
45 100
43 69.8 44.9 67.3#
87 45.4 28.8 43.2#
59 0.0 11.5 17.3#





#27

cis-1,2-Dichloroethene

Concen: 1.223 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN075722.D

Acq: 12 Dec 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06

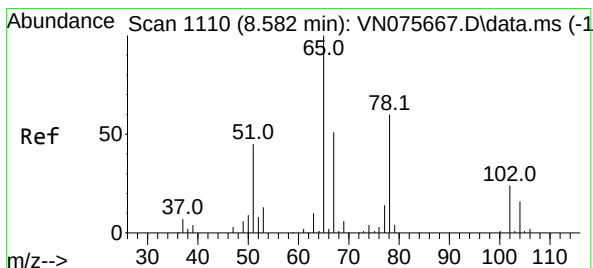
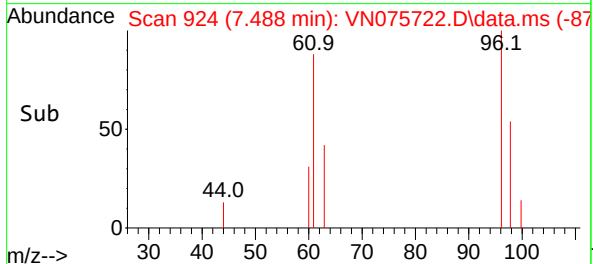
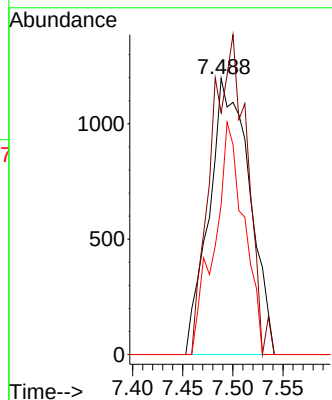
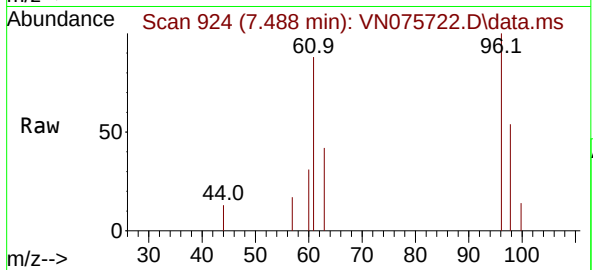
Tgt Ion: 96 Resp: 3352

Ion Ratio Lower Upper

96 100

61 103.4 0.0 247.8

98 61.9 0.0 126.0



#33

1,2-Dichloroethane-d4

Concen: 49.377 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075722.D

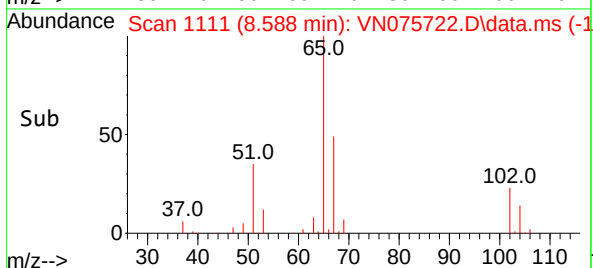
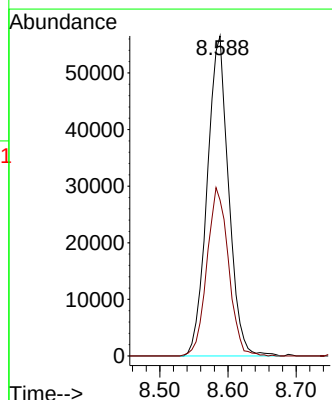
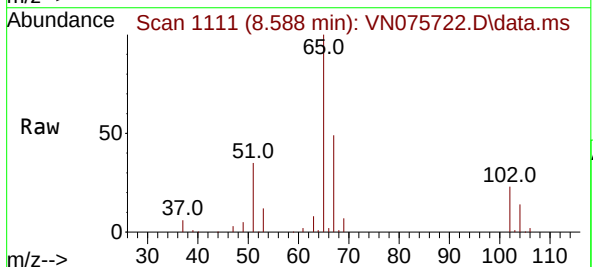
Acq: 12 Dec 2022 18:53

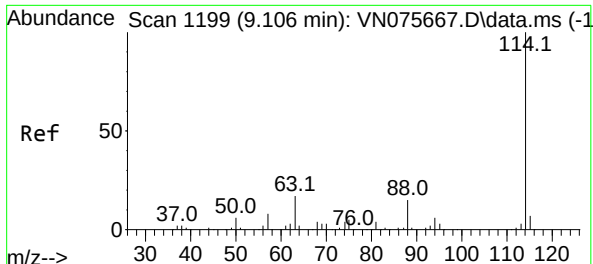
Tgt Ion: 65 Resp: 123510

Ion Ratio Lower Upper

65 100

67 53.1 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: VN075722.D

Acq: 12 Dec 2022 18:53

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-06

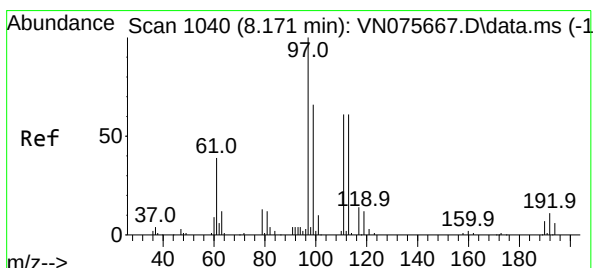
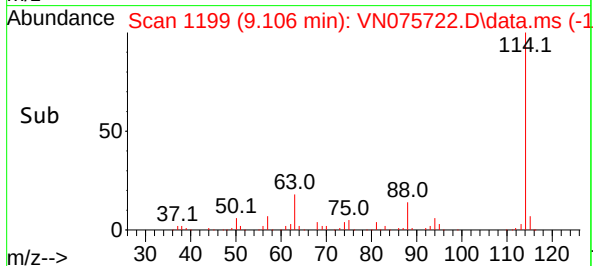
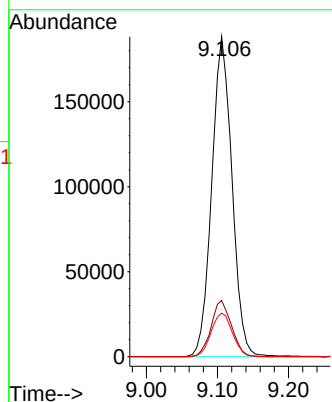
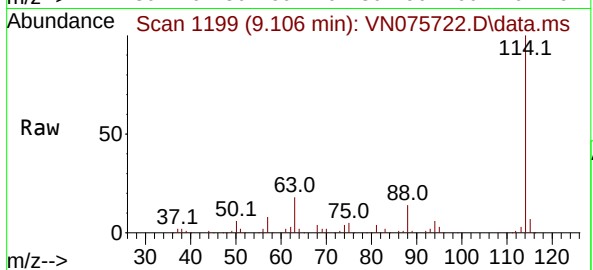
Tgt Ion:114 Resp: 371732

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 13.6 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.619 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075722.D

Acq: 12 Dec 2022 18:53

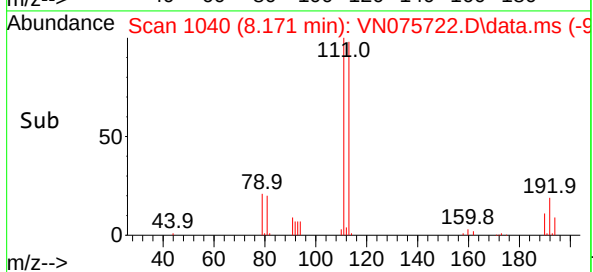
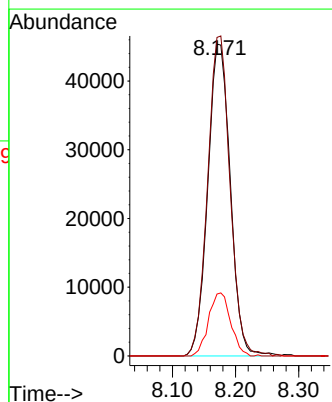
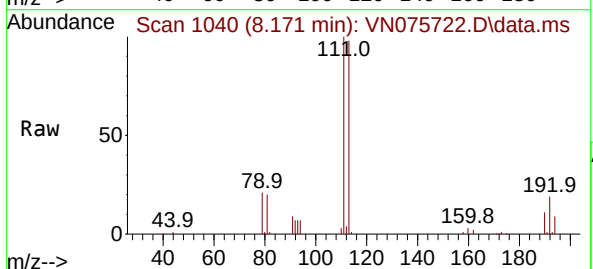
Tgt Ion:113 Resp: 112535

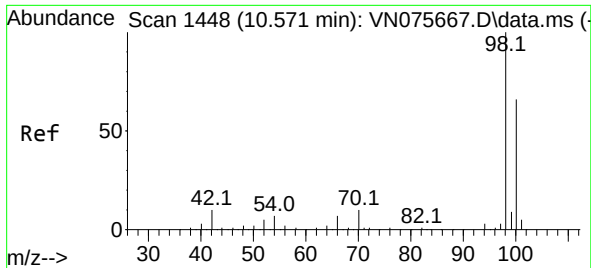
Ion Ratio Lower Upper

113 100

111 102.0 81.0 121.6

192 19.8 16.2 24.2

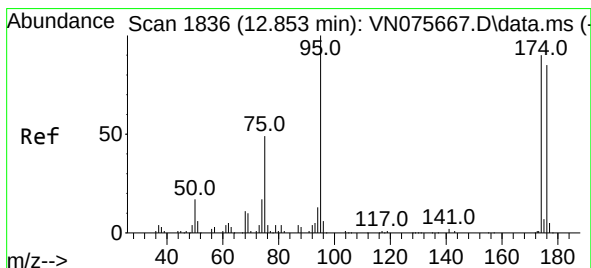
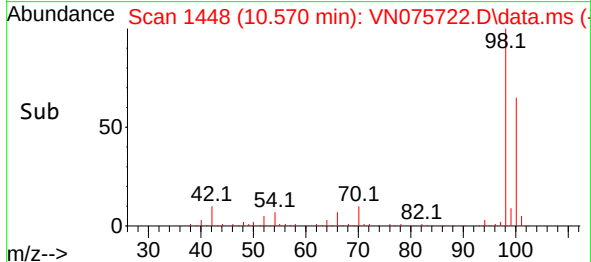
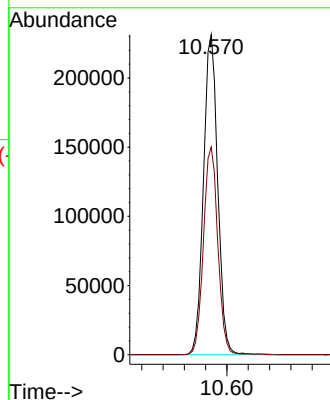
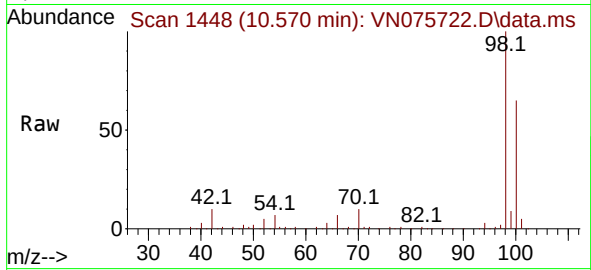




#50
Toluene-d8
Concen: 50.270 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

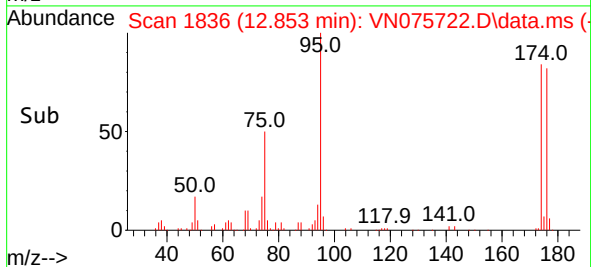
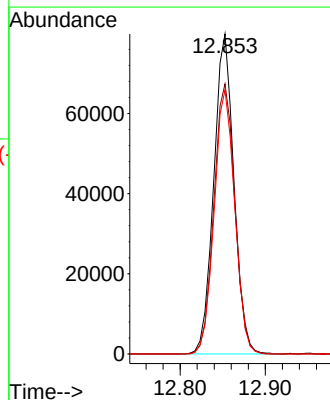
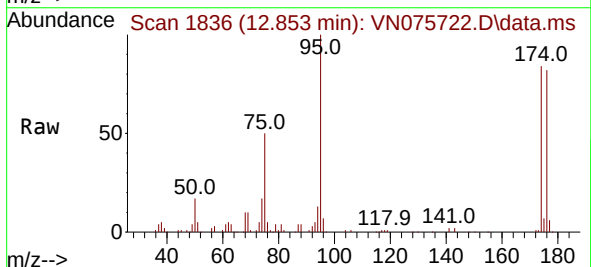
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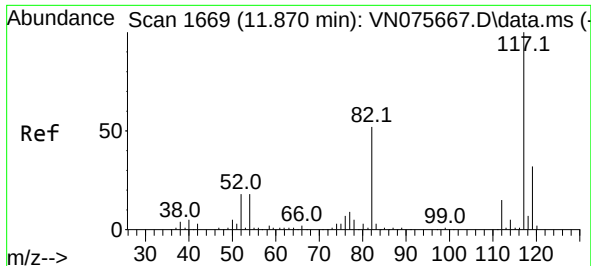
Tgt Ion: 98 Resp: 428164
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 45.016 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

Tgt Ion: 95 Resp: 131092
Ion Ratio Lower Upper
95 100
174 87.9 0.0 178.6
176 84.0 0.0 170.8

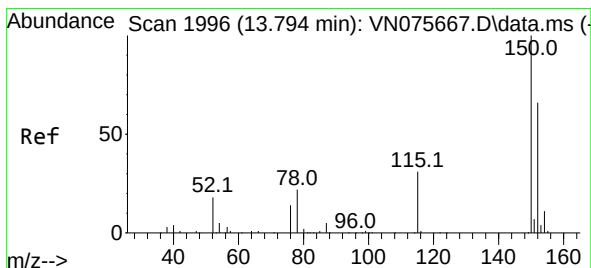
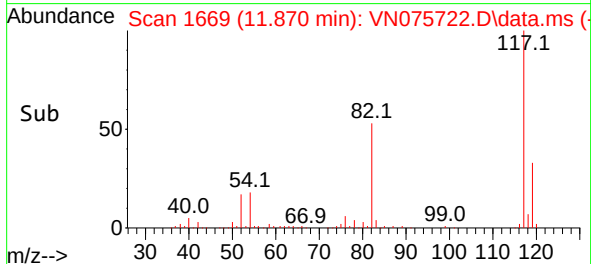
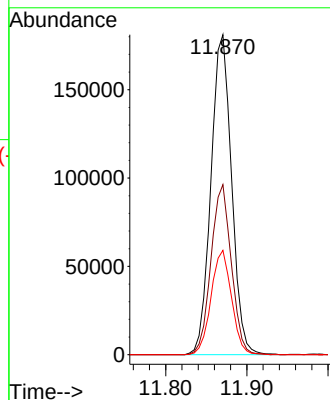
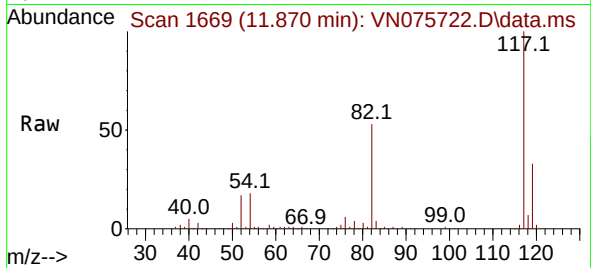




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075722.D
Acq: 12 Dec 2022 18:53

Instrument :
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Tgt Ion:117 Resp: 319970
Ion Ratio Lower Upper
117 100
82 53.1 41.8 62.8
119 32.6 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: VN075722.D
Acq: 12 Dec 2022 18:53

Tgt Ion:152 Resp: 134861
Ion Ratio Lower Upper
152 100
115 57.6 28.4 85.2
150 156.4 0.0 347.6

