

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121222\
 Data File : VN075726.D
 Acq On : 12 Dec 2022 20:29
 Operator : JC\MD
 Sample : N5978-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-10

Quant Time: Dec 13 01:35:19 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)

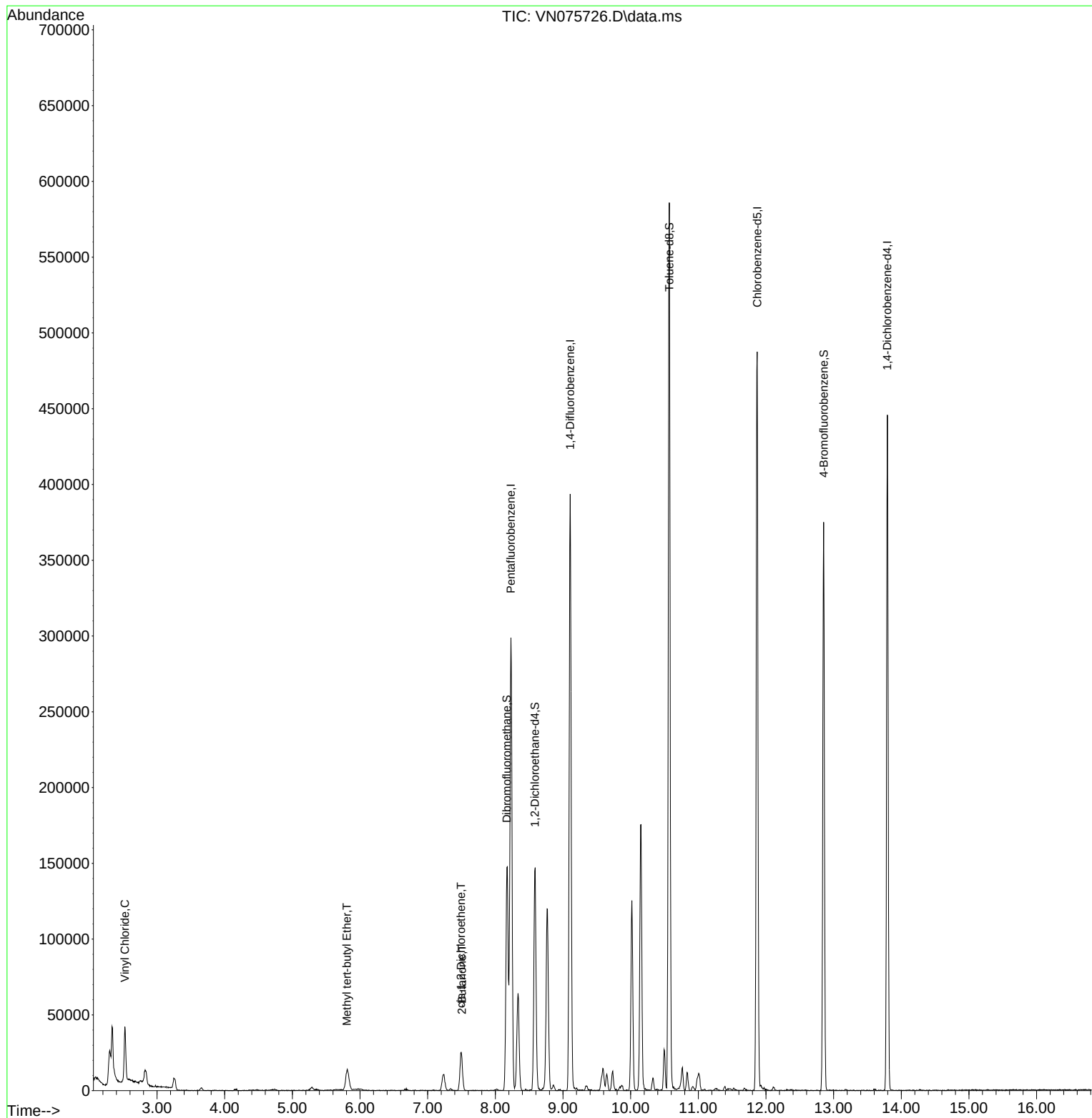
Internal Standards						
1) Pentafluorobenzene	8.230	168	230262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	301722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119080	48.741	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.480%
35) Dibromofluoromethane	8.171	113	108313	49.496	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.000%
50) Toluene-d8	10.571	98	413400	50.304	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.853	95	125688	44.732	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.460%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.524	62	19559	7.891	ug/l #	86
19) Methyl tert-butyl Ether	5.806	73	20171	3.040	ug/l #	89
25) 2-Butanone	7.506	43	285	0.236	ug/l #	43
27) cis-1,2-Dichloroethene	7.494	96	16727	6.250	ug/l	92

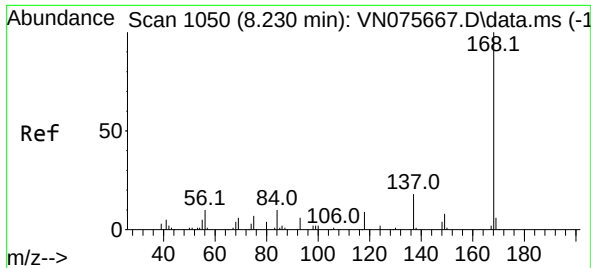
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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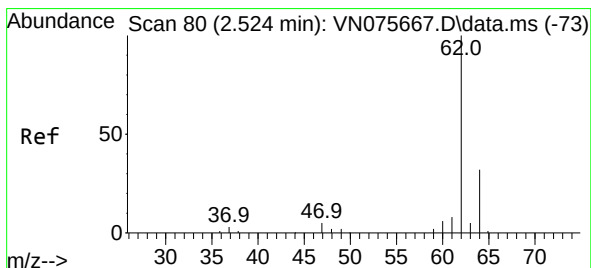
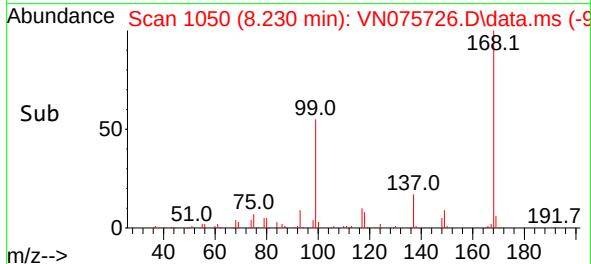
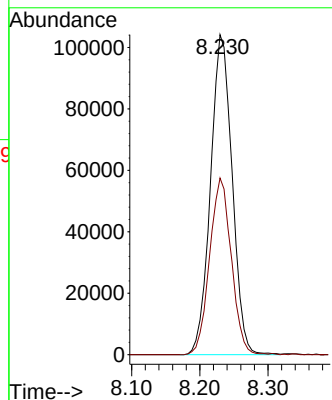
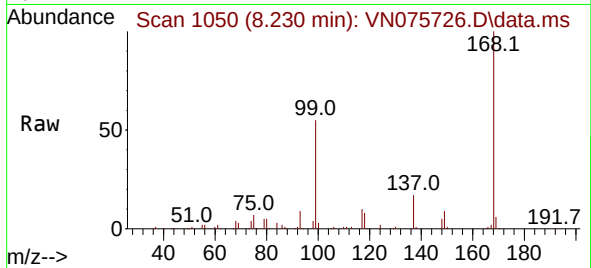




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

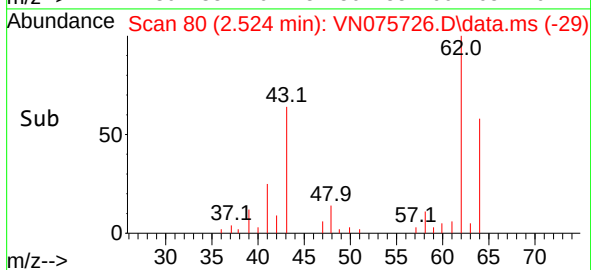
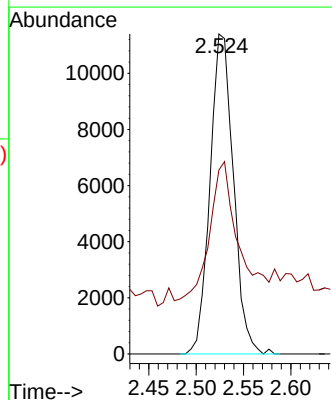
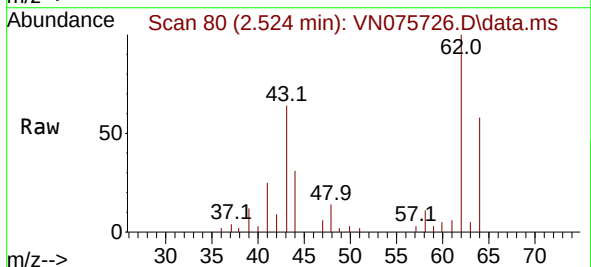
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10

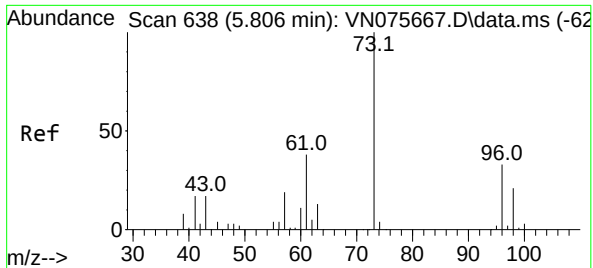
Tgt Ion:168 Resp: 230262
Ion Ratio Lower Upper
168 100
99 55.2 41.2 61.8



#4
Vinyl Chloride
Concen: 7.891 ug/l
RT: 2.524 min Scan# 80
Delta R.T. 0.000 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

Tgt Ion: 62 Resp: 19559
Ion Ratio Lower Upper
62 100
64 40.4 25.9 38.9#

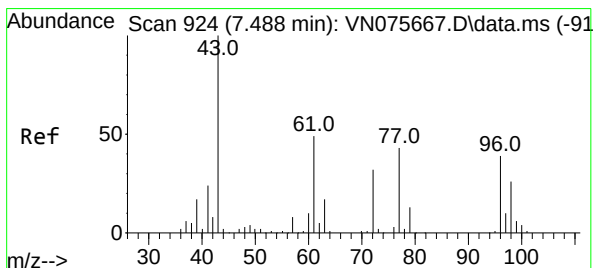
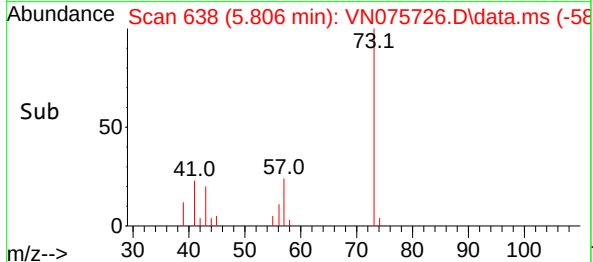
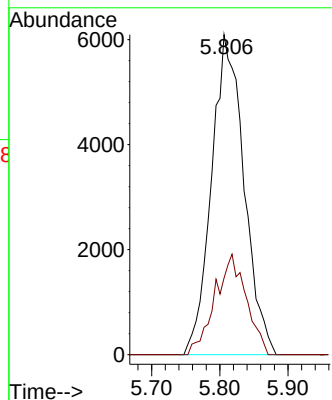
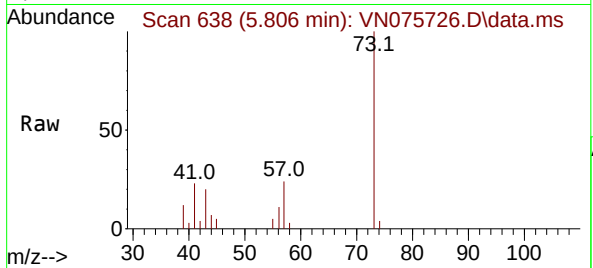




#19
Methyl tert-butyl Ether
Concen: 3.040 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

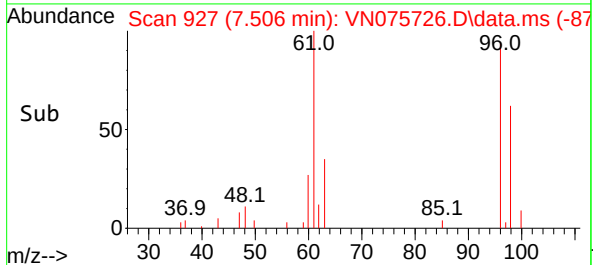
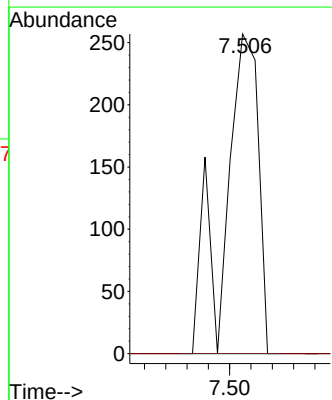
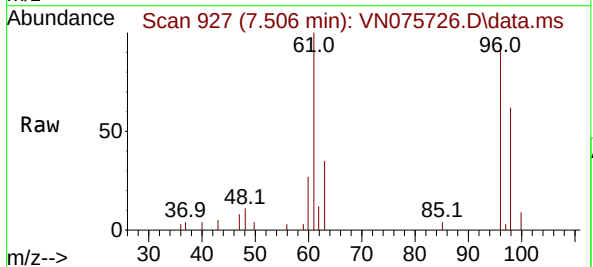
Instrument :
MSVOA_N
ClientSampleId :
TOLL-MW-10

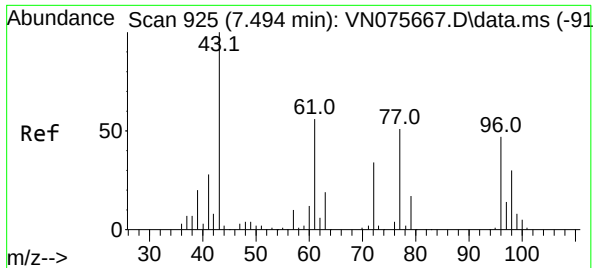
Tgt Ion: 73 Resp: 20171
Ion Ratio Lower Upper
73 100
57 24.0 15.1 22.7#



#25
2-Butanone
Concen: 0.236 ug/l
RT: 7.506 min Scan# 927
Delta R.T. 0.018 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

Tgt Ion: 43 Resp: 285
Ion Ratio Lower Upper
43 100
72 0.0 25.3 37.9#

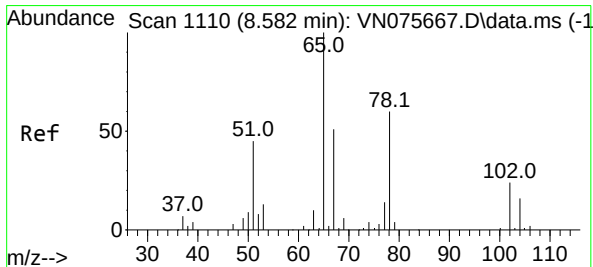
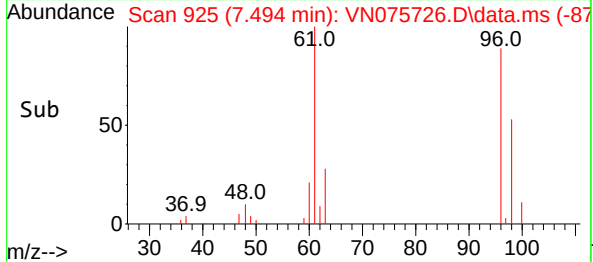
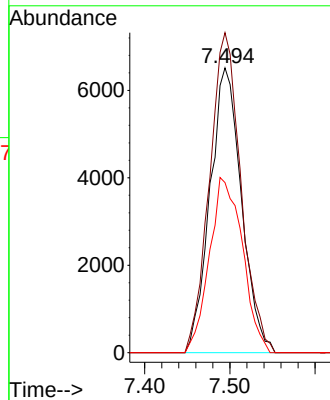
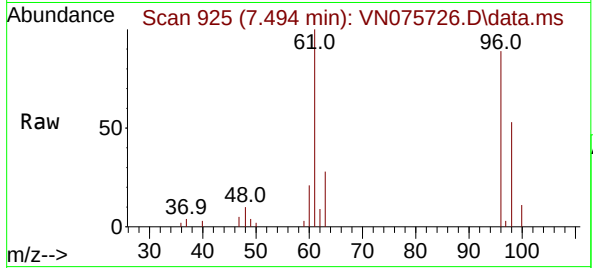




#27
 cis-1,2-Dichloroethene
 Concen: 6.250 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN075726.D
 Acq: 12 Dec 2022 20:29

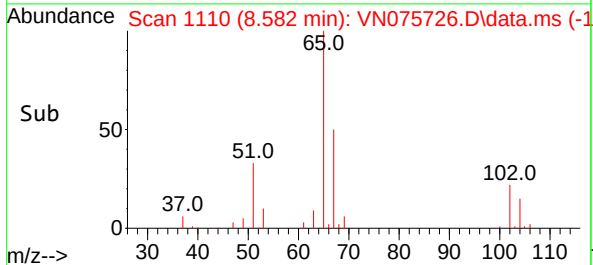
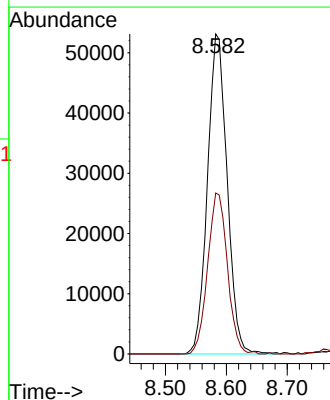
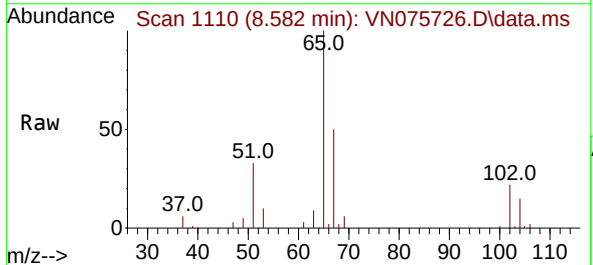
Instrument :
 MSVOA_N
 ClientSampleId :
 TOLL-MW-10

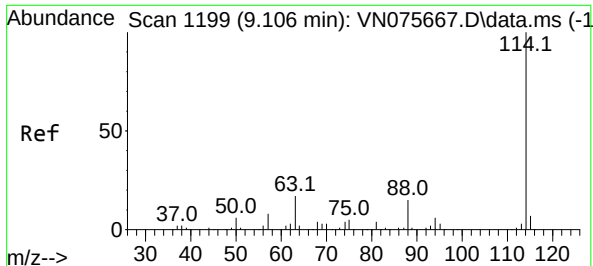
Tgt Ion: 96 Resp: 16727
 Ion Ratio Lower Upper
 96 100
 61 111.7 0.0 247.8
 98 64.5 0.0 126.0



#33
 1,2-Dichloroethane-d4
 Concen: 48.741 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN075726.D
 Acq: 12 Dec 2022 20:29

Tgt Ion: 65 Resp: 119080
 Ion Ratio Lower Upper
 65 100
 67 50.6 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: VN075726.D

Acq: 12 Dec 2022 20:29

Instrument :

MSVOA_N

ClientSampleId :

TOLL-MW-10

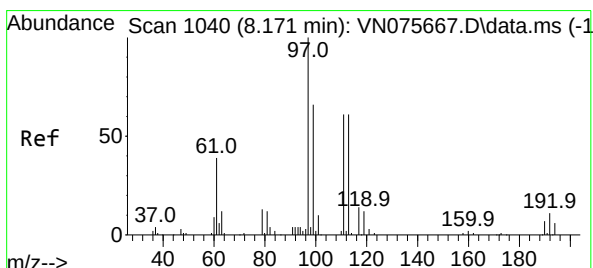
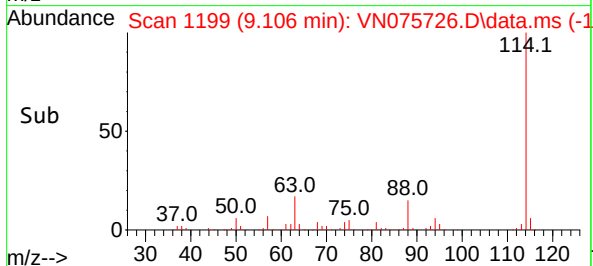
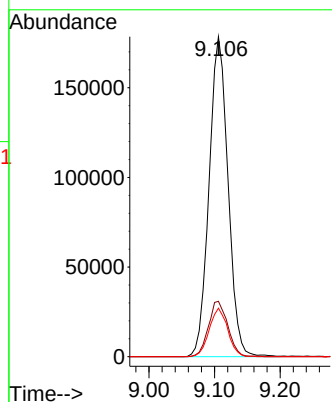
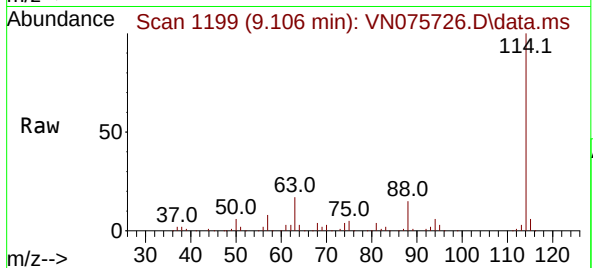
Tgt Ion:114 Resp: 358670

Ion Ratio Lower Upper

114 100

63 17.3 0.0 34.4

88 15.2 0.0 29.2



#35

Dibromofluoromethane

Concen: 49.496 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN075726.D

Acq: 12 Dec 2022 20:29

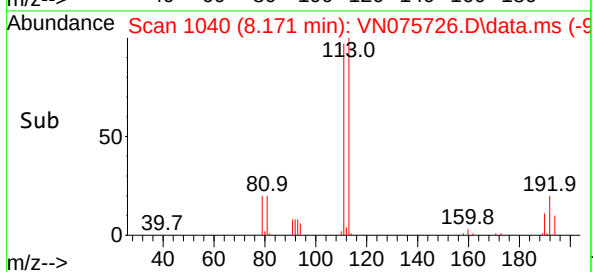
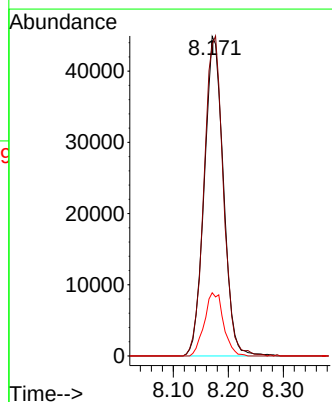
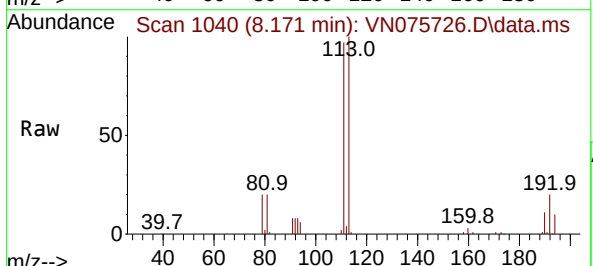
Tgt Ion:113 Resp: 108313

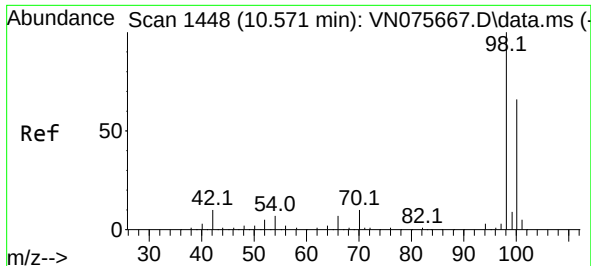
Ion Ratio Lower Upper

113 100

111 100.8 81.0 121.6

192 19.8 16.2 24.2

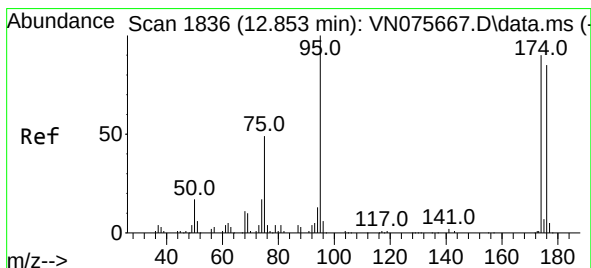
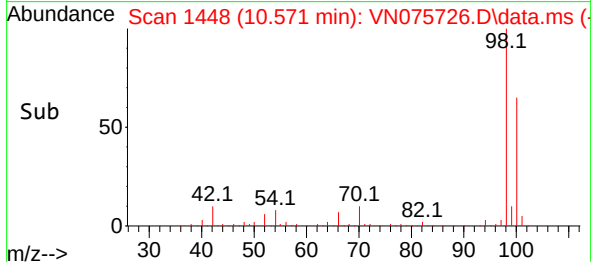
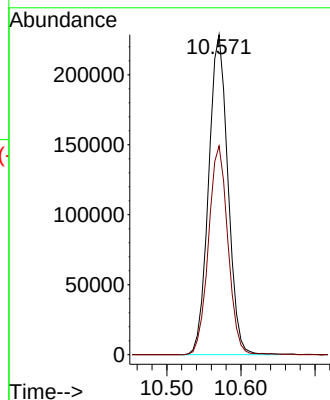
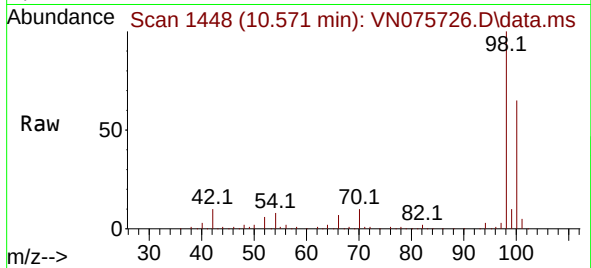




#50
Toluene-d8
Concen: 50.304 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

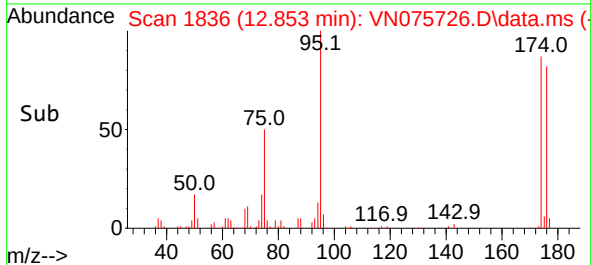
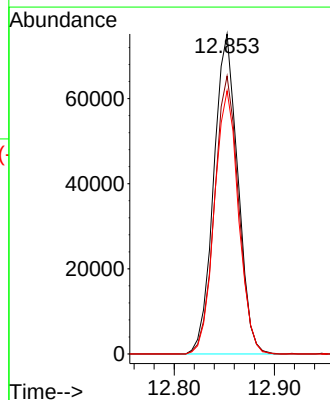
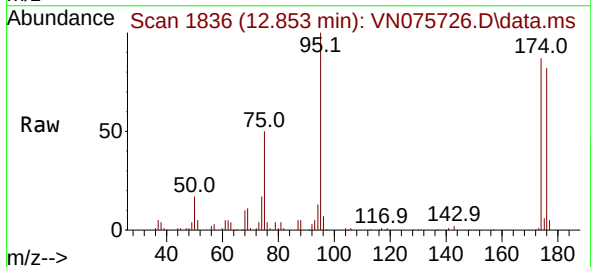
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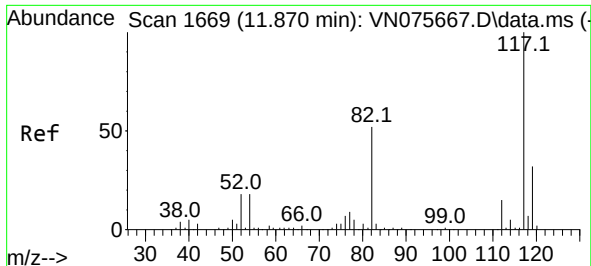
Tgt Ion: 98 Resp: 413400
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.732 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

Tgt Ion: 95 Resp: 125688
Ion Ratio Lower Upper
95 100
174 86.5 0.0 178.6
176 82.2 0.0 170.8

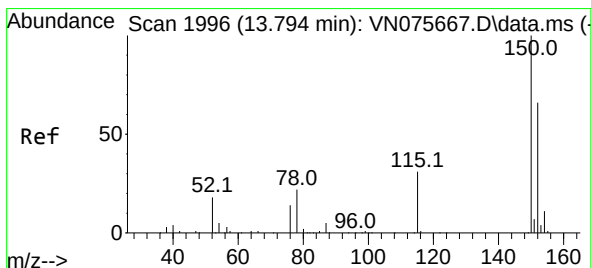
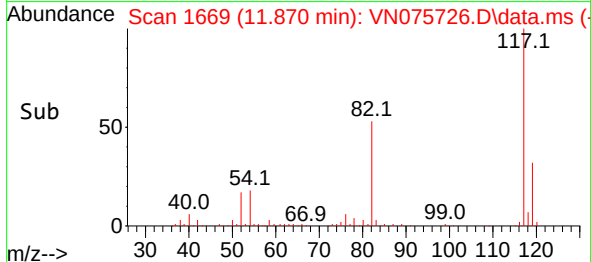
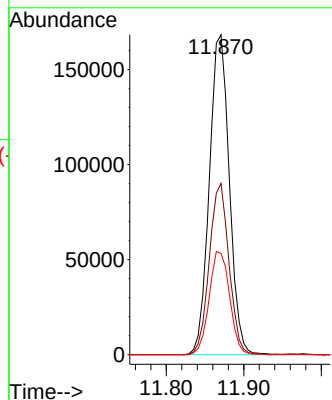
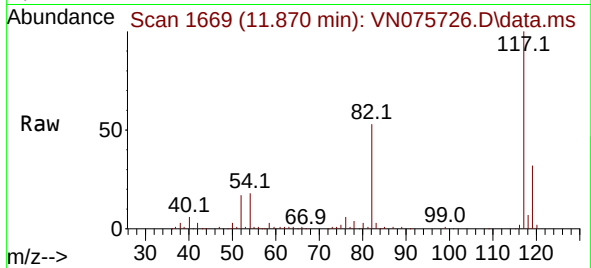




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN075726.D
Acq: 12 Dec 2022 20:29

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 301722
Ion Ratio Lower Upper
117 100
82 53.5 41.8 62.8
119 31.7 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: VN075726.D
Acq: 12 Dec 2022 20:29

Tgt Ion:152 Resp: 125164
Ion Ratio Lower Upper
152 100
115 57.9 28.4 85.2
150 157.9 0.0 347.6

