

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121422\
 Data File : VN075777.D
 Acq On : 14 Dec 2022 18:03
 Operator : JC\MD
 Sample : N6001-05DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6RDL

Quant Time: Dec 15 00:28:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

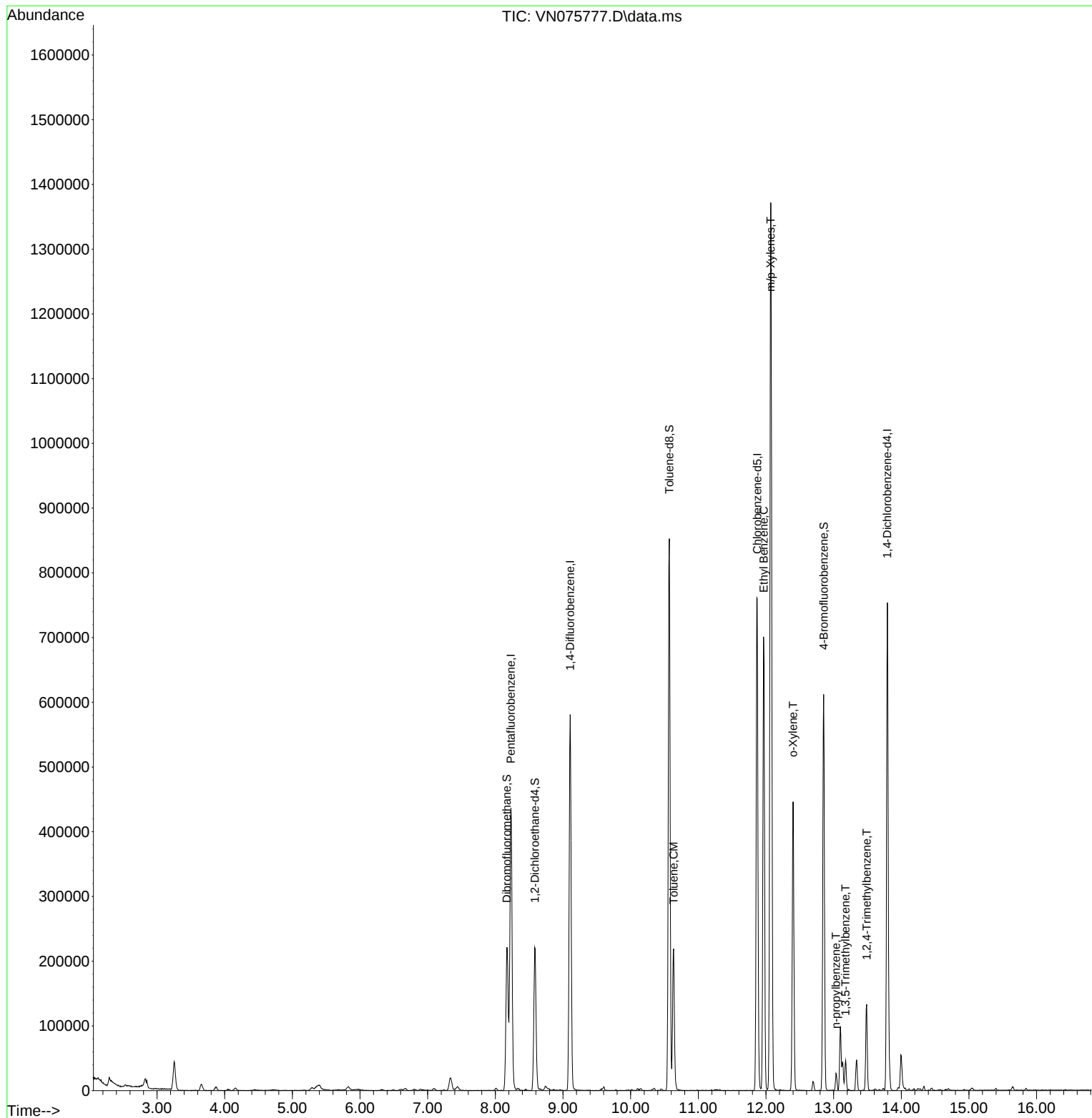
Internal Standards						
1) Pentafluorobenzene	8.229	168	345572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	538768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	474504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179279	47.687	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.380%
35) Dibromofluoromethane	8.171	113	159317	47.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	10.570	98	622062	49.865	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%
62) 4-Bromofluorobenzene	12.853	95	206300	49.930	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.860%
Target Compounds						
					Qvalue	
52) Toluene	10.635	92	102285	11.485	ug/l	98
67) Ethyl Benzene	11.965	91	538025	32.732	ug/l	99
68) m/p-Xylenes	12.070	106	481410	73.997	ug/l	98
69) o-Xylene	12.400	106	135270	21.011	ug/l	100
78) n-propylbenzene	13.035	91	21538	1.284	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	25618	2.013	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	78535	6.221	ug/l	98

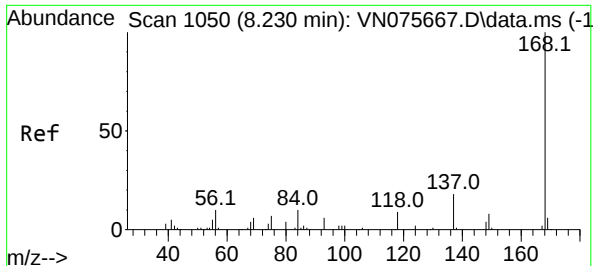
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

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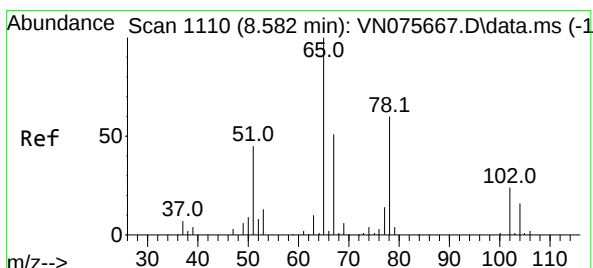
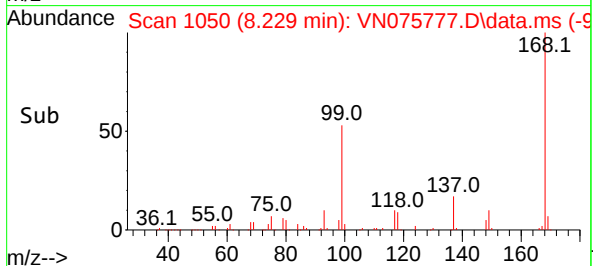
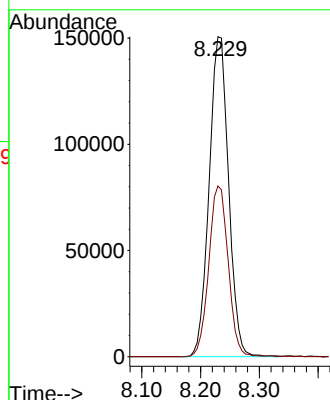
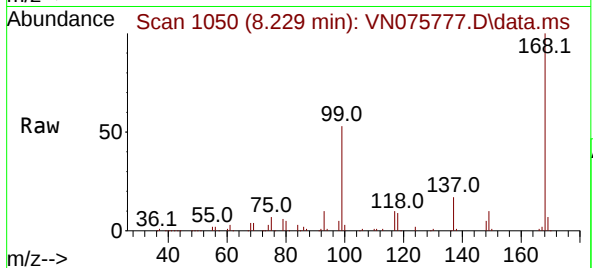




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

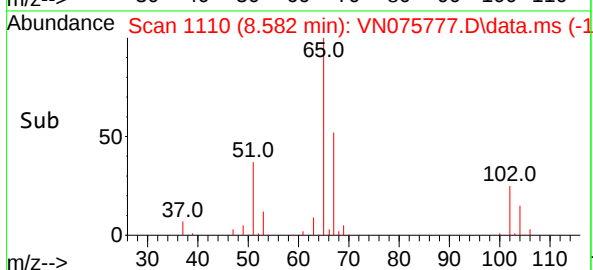
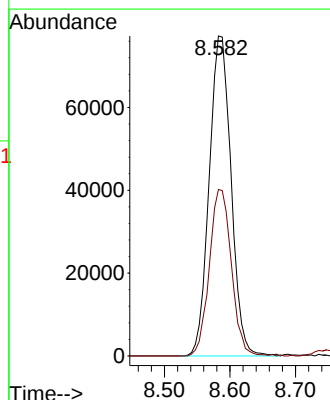
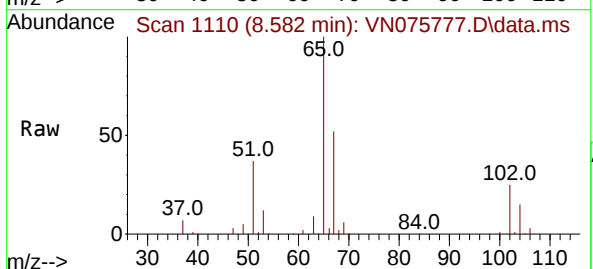
Instrument :
MSVOA_N
ClientSampleId :
MW-6RDL

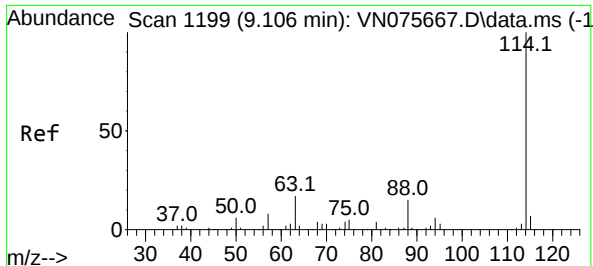
Tgt Ion:168 Resp: 345572
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.687 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

Tgt Ion: 65 Resp: 179279
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075777.D

Acq: 14 Dec 2022 18:03

Instrument :

MSVOA_N

ClientSampleId :

MW-6RDL

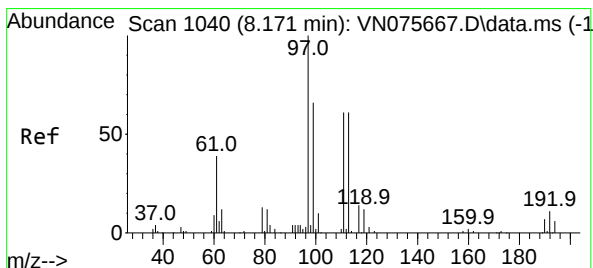
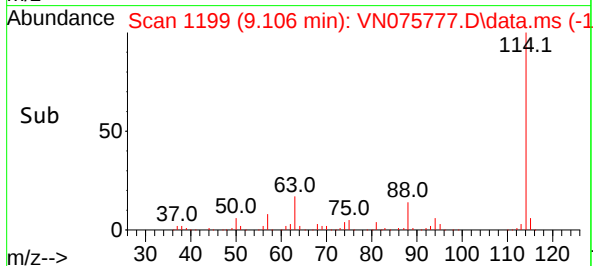
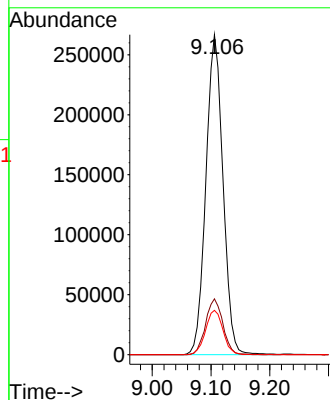
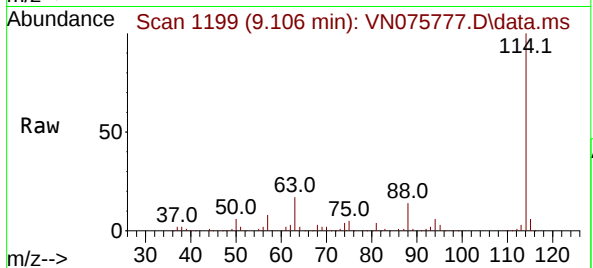
Tgt Ion:114 Resp: 538768

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 13.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.750 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075777.D

Acq: 14 Dec 2022 18:03

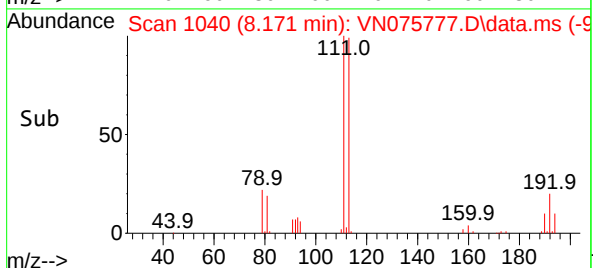
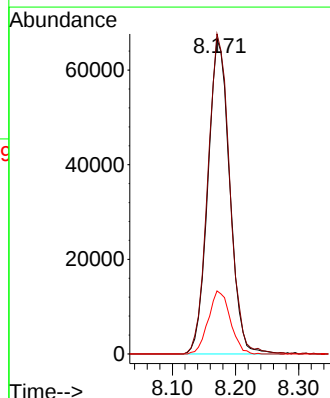
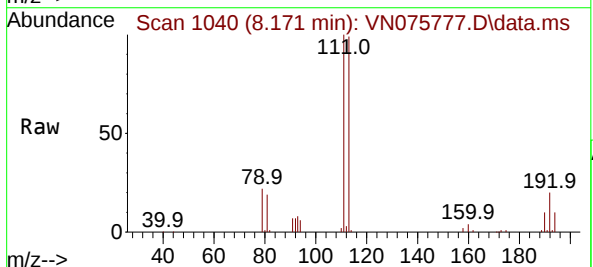
Tgt Ion:113 Resp: 159317

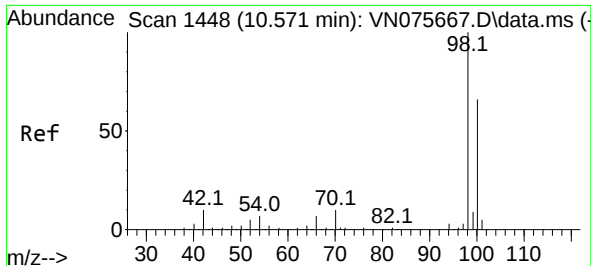
Ion Ratio Lower Upper

113 100

111 102.5 83.4 125.2

192 20.2 16.1 24.1

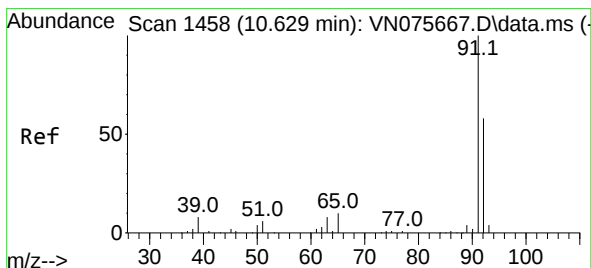
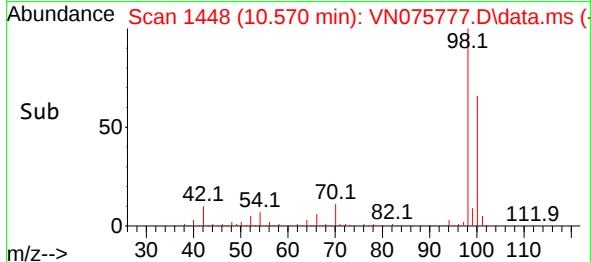
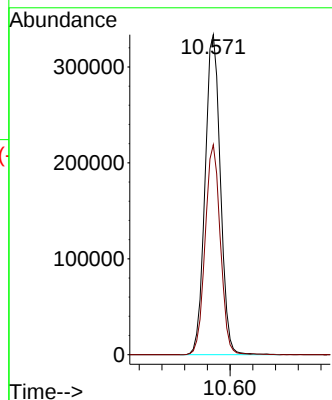
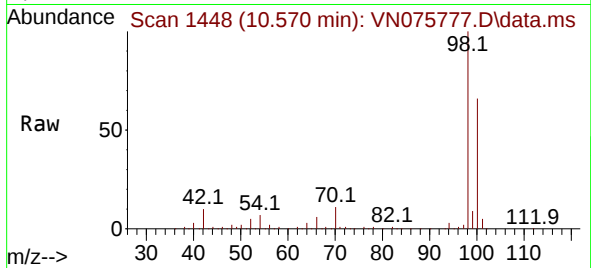




#50
Toluene-d8
Concen: 49.865 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

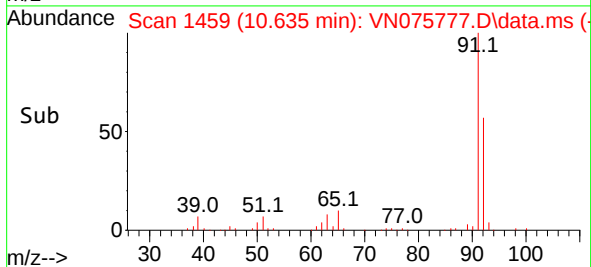
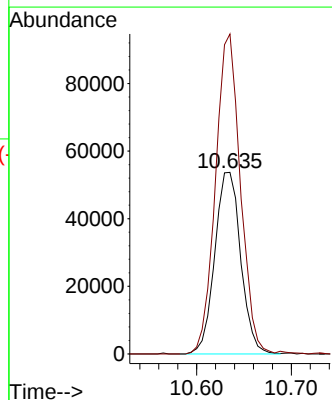
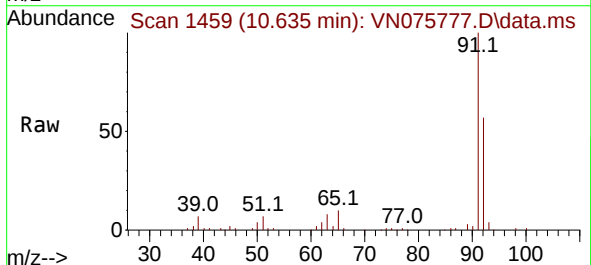
Instrument :
MSVOA_N
ClientSampleId :
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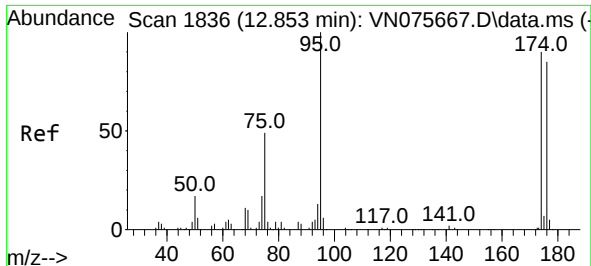
Tgt Ion: 98 Resp: 622062
Ion Ratio Lower Upper
98 100
100 65.1 52.1 78.1



#52
Toluene
Concen: 11.485 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

Tgt Ion: 92 Resp: 102285
Ion Ratio Lower Upper
92 100
91 169.3 137.3 205.9

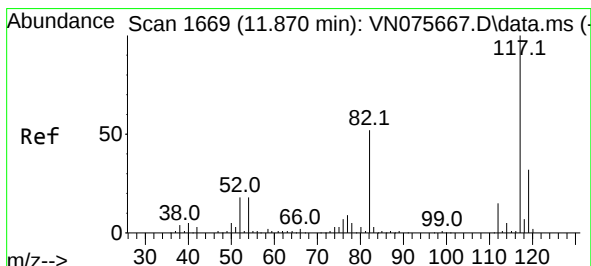
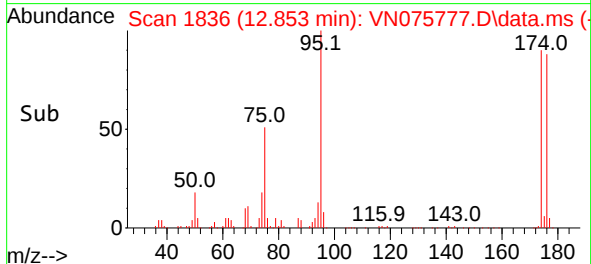
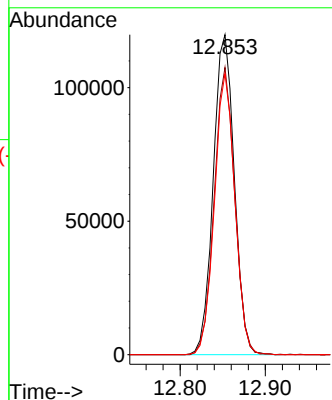
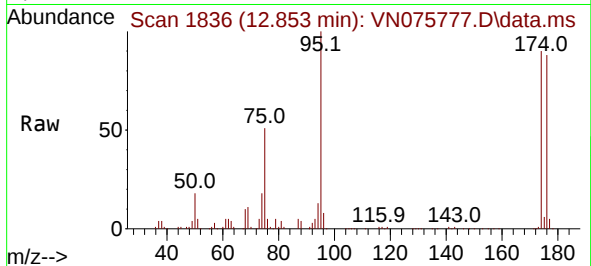




#62
4-Bromofluorobenzene
Concen: 49.930 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

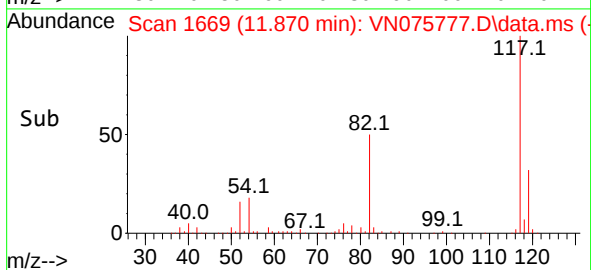
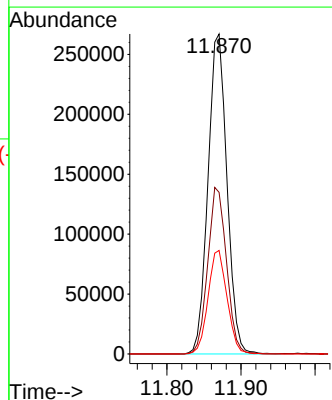
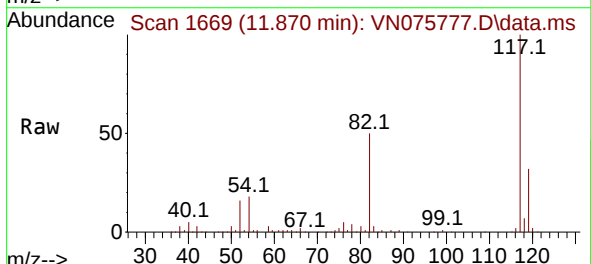
Instrument :
MSVOA_N
ClientSampleId :
MW-6RDL

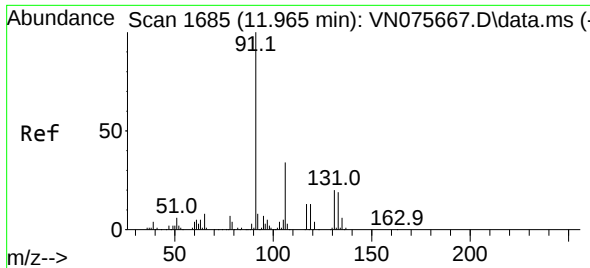
Tgt Ion: 95 Resp: 206300
Ion Ratio Lower Upper
95 100
174 87.3 0.0 171.6
176 85.3 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

Tgt Ion: 117 Resp: 474504
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 32.4 24.6 37.0

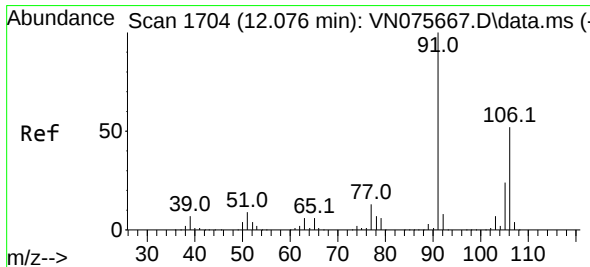
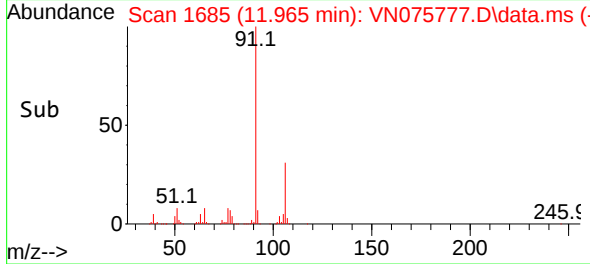
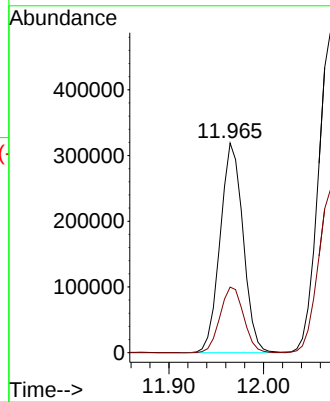
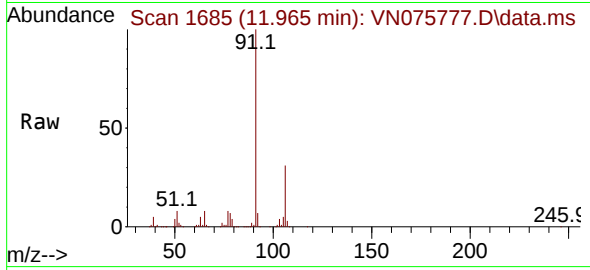




#67
Ethyl Benzene
Concen: 32.732 ug/l
RT: 11.965 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

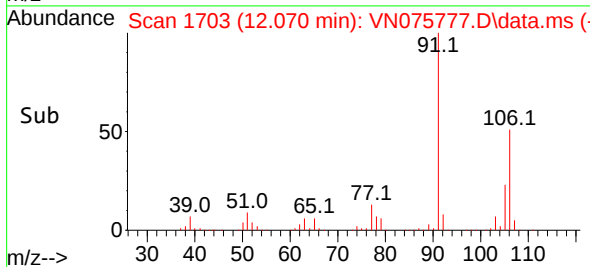
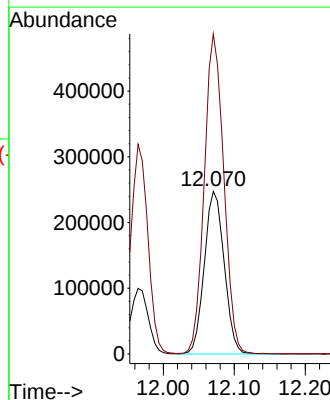
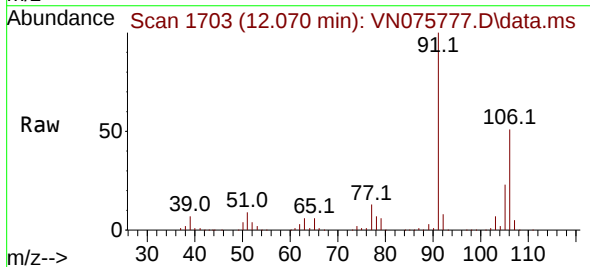
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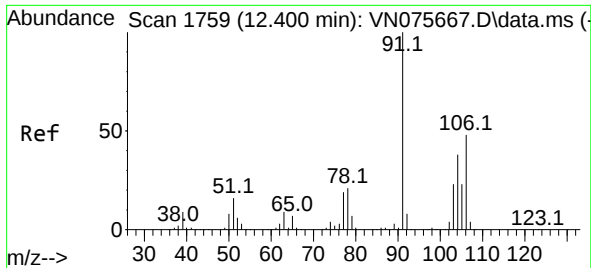
Tgt Ion: 91 Resp: 538025
Ion Ratio Lower Upper
91 100
106 31.3 25.7 38.5



#68
m/p-Xylenes
Concen: 73.997 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

Tgt Ion:106 Resp: 481410
Ion Ratio Lower Upper
106 100
91 193.2 156.6 235.0

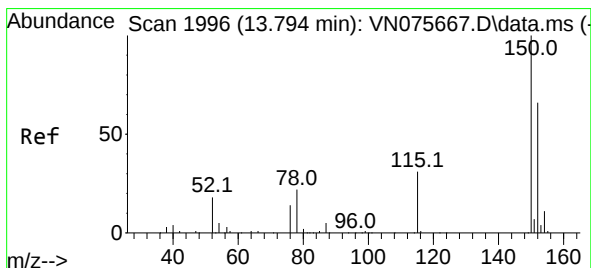
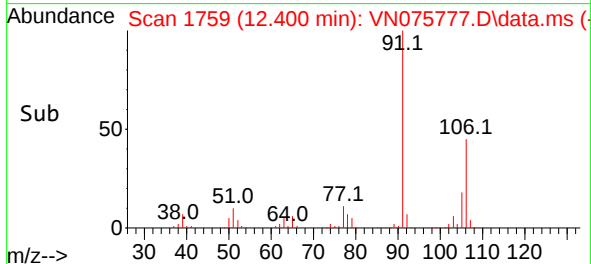
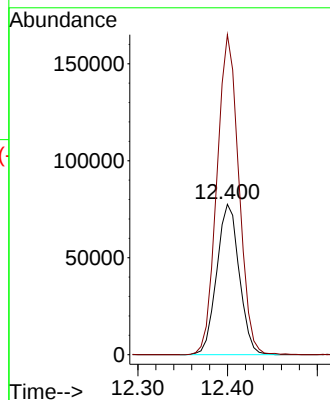
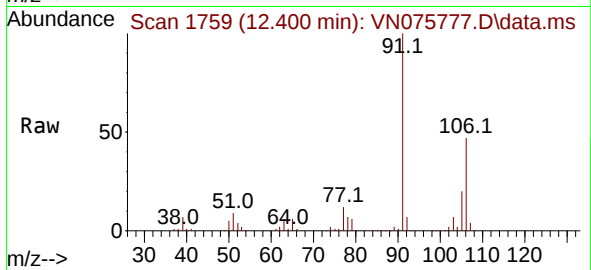




#69
o-Xylene
Concen: 21.011 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

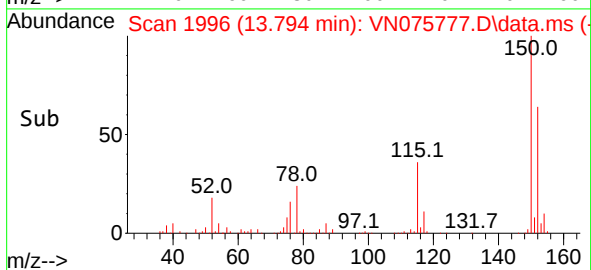
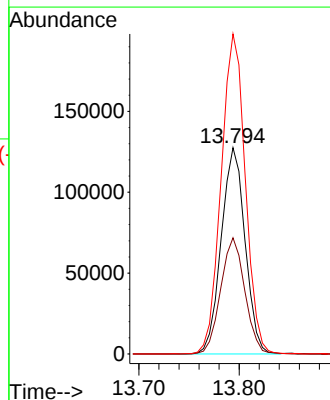
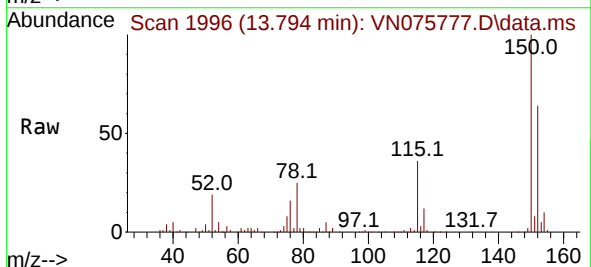
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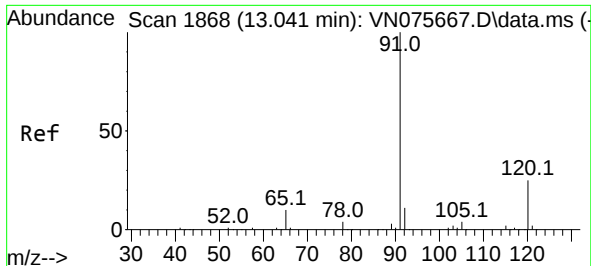
Tgt Ion:106 Resp: 135270
Ion Ratio Lower Upper
106 100
91 207.1 103.8 311.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

Tgt Ion:152 Resp: 210396
Ion Ratio Lower Upper
152 100
115 57.1 29.1 87.4
150 157.2 0.0 347.0

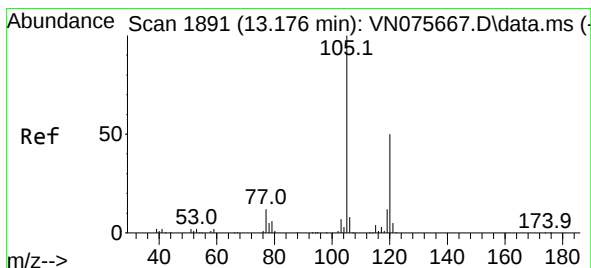
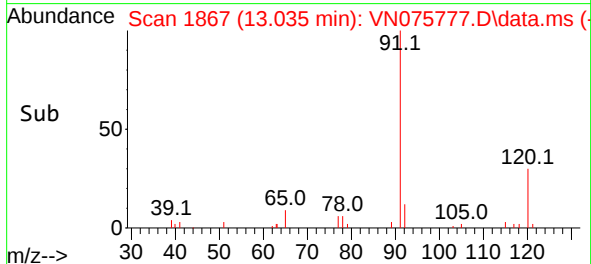
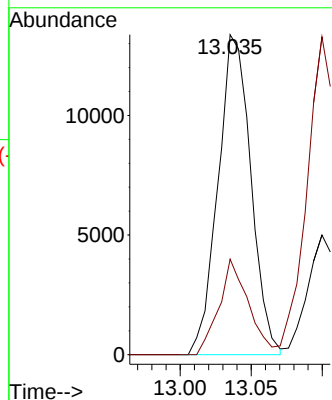
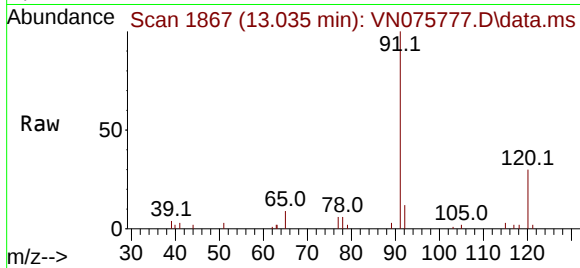




#78
n-propylbenzene
Concen: 1.284 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

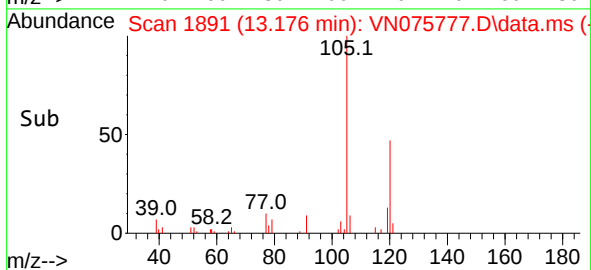
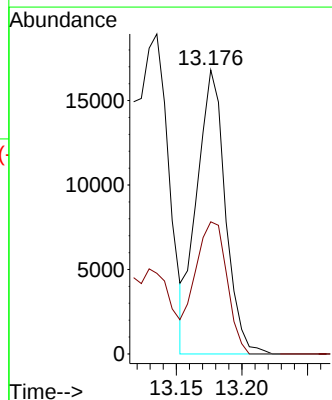
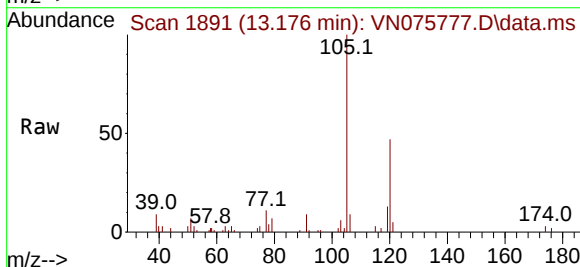
Instrument :
MSVOA_N
ClientSampleId :
MW-6RDL

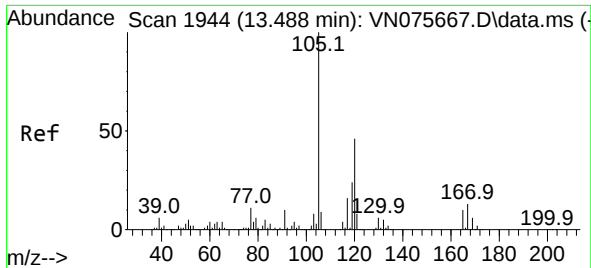
Tgt Ion: 91 Resp: 21538
Ion Ratio Lower Upper
91 100
120 26.6 12.0 36.1



#80
1,3,5-Trimethylbenzene
Concen: 2.013 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075777.D
Acq: 14 Dec 2022 18:03

Tgt Ion: 105 Resp: 25618
Ion Ratio Lower Upper
105 100
120 51.8 24.7 74.1





#84
 1,2,4-Trimethylbenzene
 Concen: 6.221 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN075777.D
 Acq: 14 Dec 2022 18:03

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-6RDL

Tgt Ion:105 Resp: 78535
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.3 69.8

