

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022223\
 Data File : VN076777.D
 Acq On : 22 Feb 2023 17:40
 Operator : JC\MD
 Sample : 01655-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31962

Quant Time: Feb 22 23:58:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

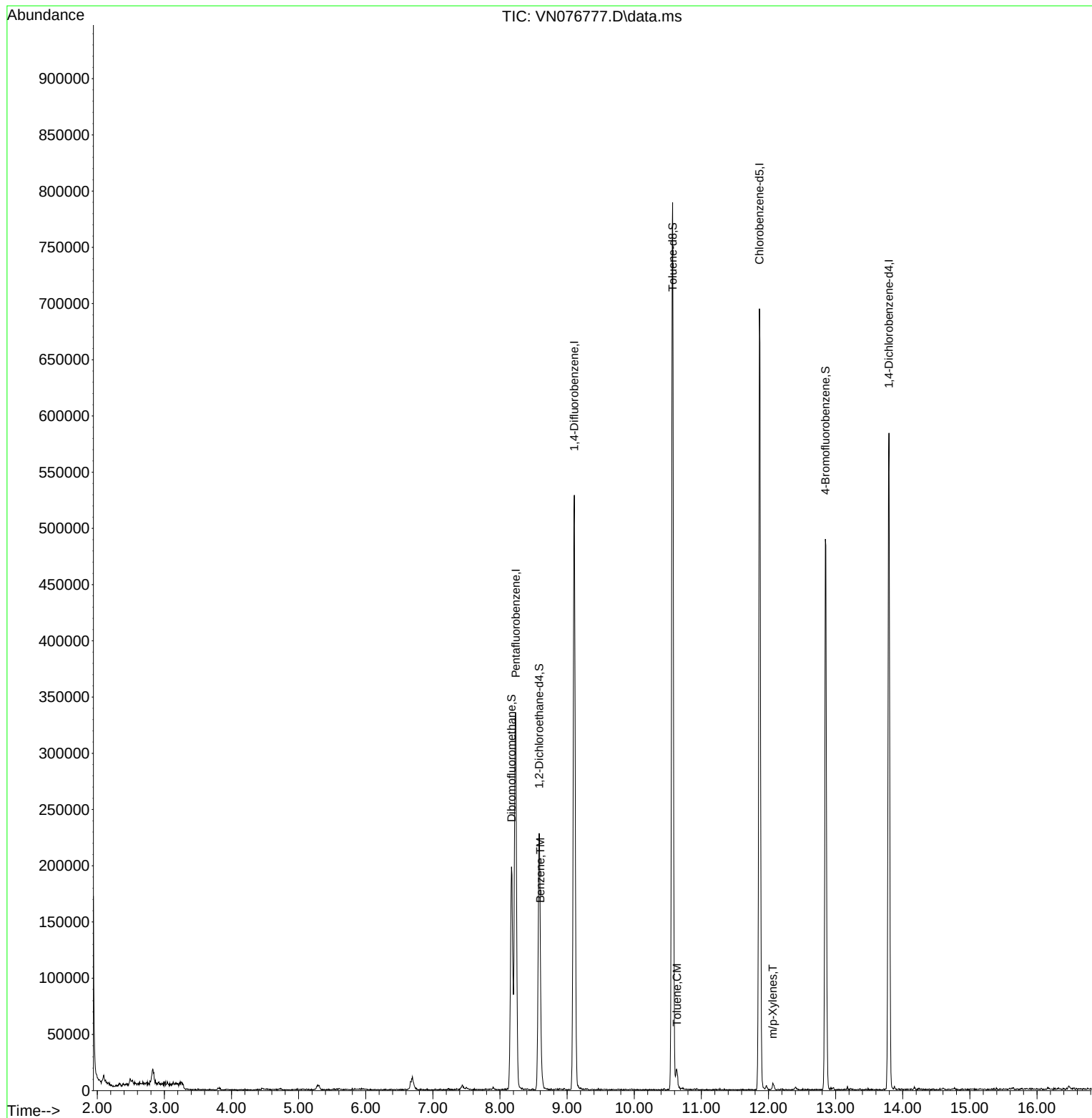
Internal Standards						
1) Pentafluorobenzene	8.236	168	245062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	437596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	381348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	148152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	177953	52.587	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.180%	
35) Dibromofluoromethane	8.172	113	133828	46.699	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.400%	
50) Toluene-d8	10.572	98	534836	49.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.940%	
62) 4-Bromofluorobenzene	12.848	95	155180	43.779	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 87.560%	
Target Compounds						
						Qvalue
40) Benzene	8.601	78	11558	0.909	ug/l #	87
52) Toluene	10.636	92	7164	0.933	ug/l	97
68) m/p-Xylenes	12.066	106	1587	0.299	ug/l #	72

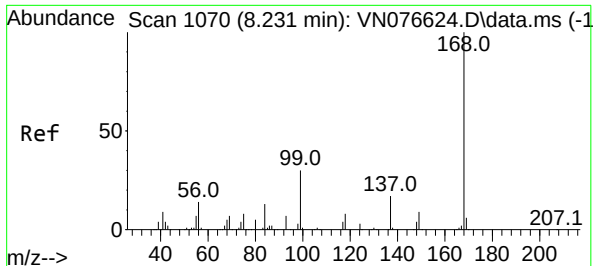
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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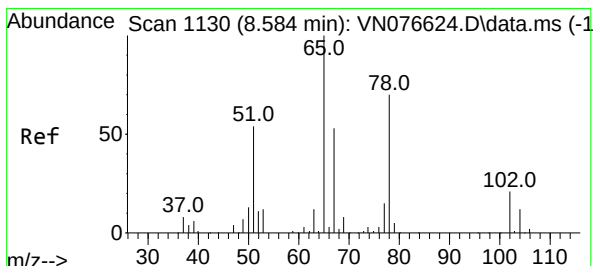
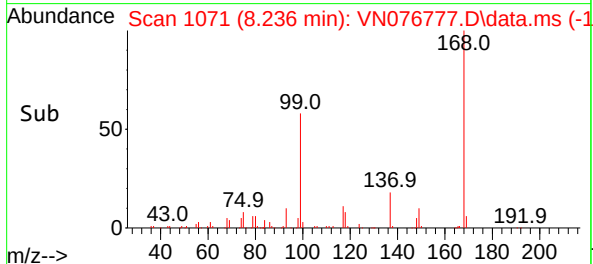
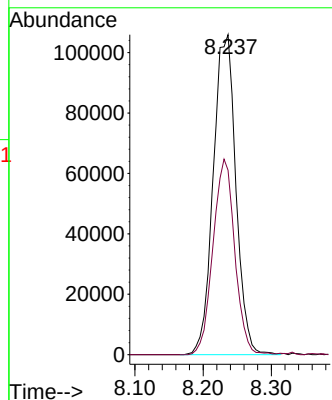
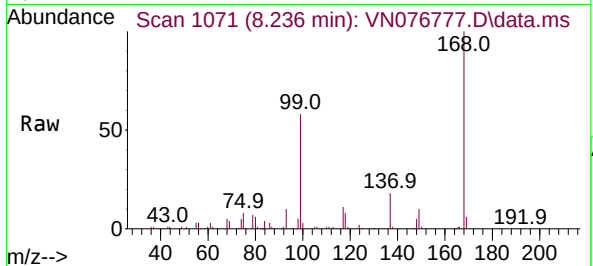




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN076777.D
Acq: 22 Feb 2023 17:40

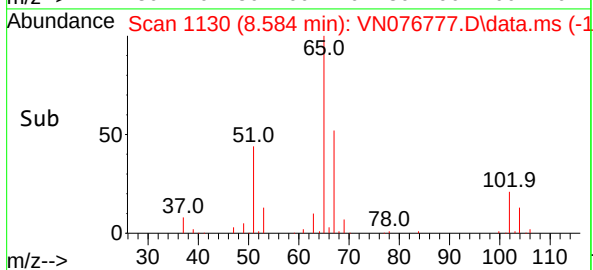
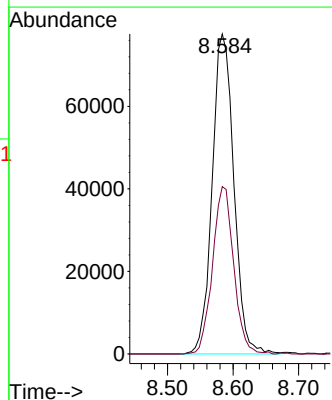
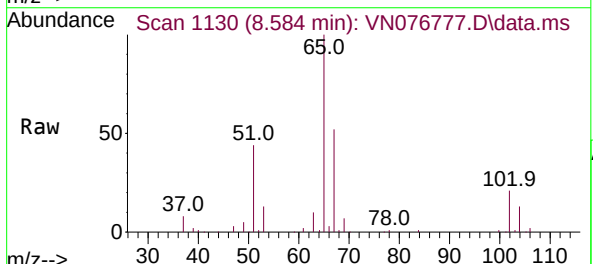
Instrument :
MSVOA_N
ClientSampleId :
31962

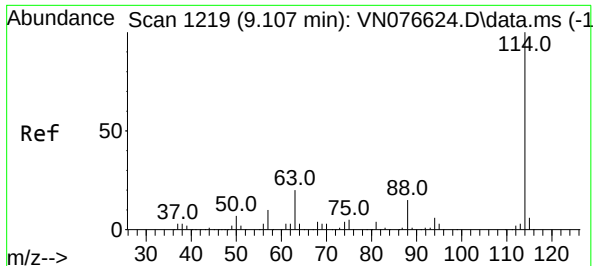
Tgt Ion:168 Resp: 245062
Ion Ratio Lower Upper
168 100
99 57.6 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 52.587 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076777.D
Acq: 22 Feb 2023 17:40

Tgt Ion: 65 Resp: 177953
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076777.D

Acq: 22 Feb 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

31962

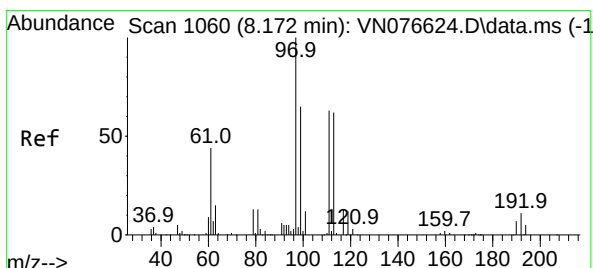
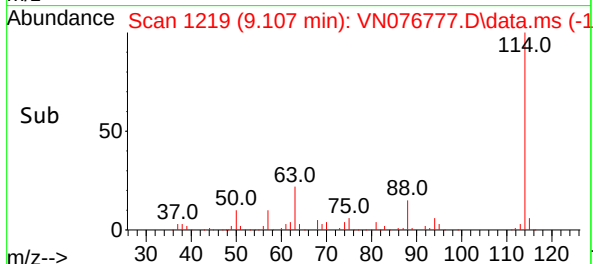
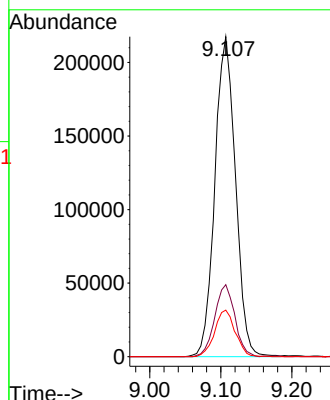
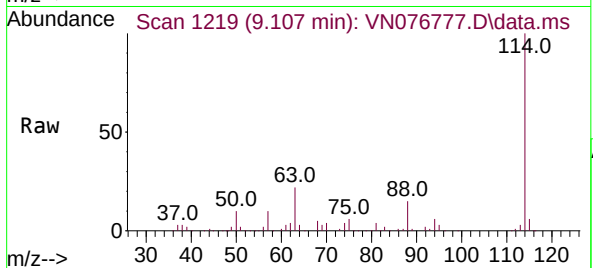
Tgt Ion:114 Resp: 437596

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 14.5 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.699 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076777.D

Acq: 22 Feb 2023 17:40

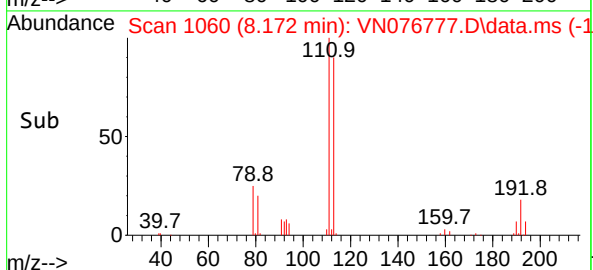
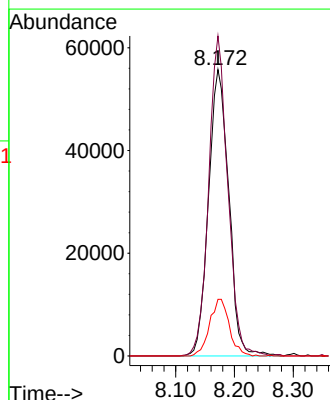
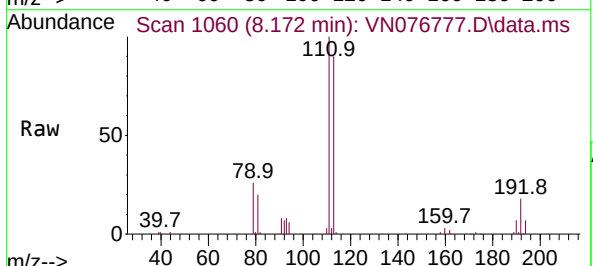
Tgt Ion:113 Resp: 133828

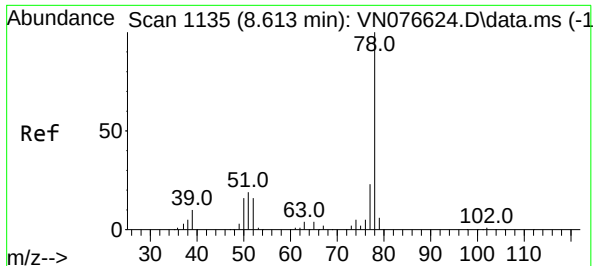
Ion Ratio Lower Upper

113 100

111 105.4 83.1 124.7

192 19.3 15.6 23.4





#40

Benzene

Concen: 0.909 ug/l

RT: 8.601 min Scan# 1135

Delta R.T. -0.012 min

Lab File: VN076777.D

Acq: 22 Feb 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

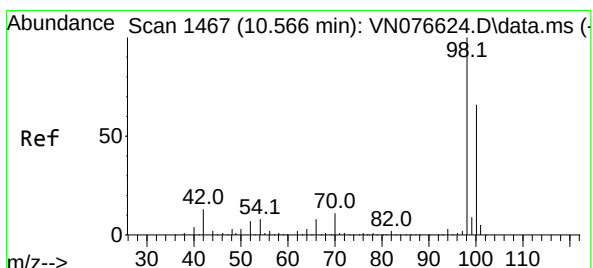
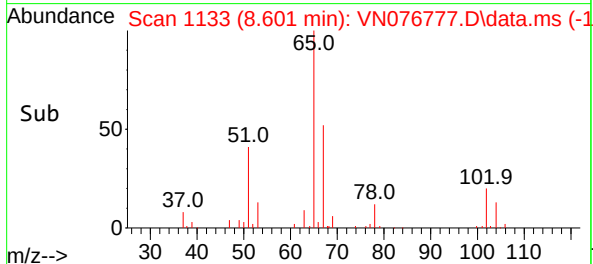
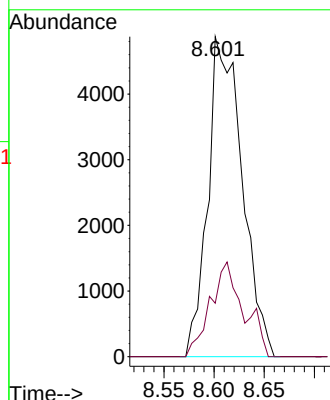
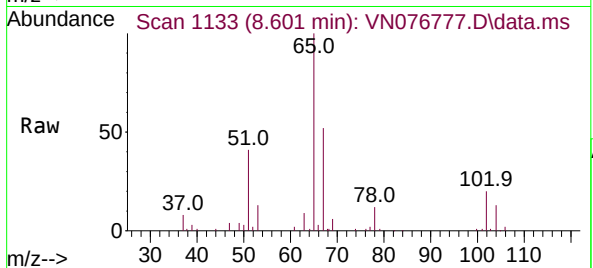
31962

Tgt Ion: 78 Resp: 11558

Ion Ratio Lower Upper

78 100

77 16.7 18.2 27.4#



#50

Toluene-d8

Concen: 49.974 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076777.D

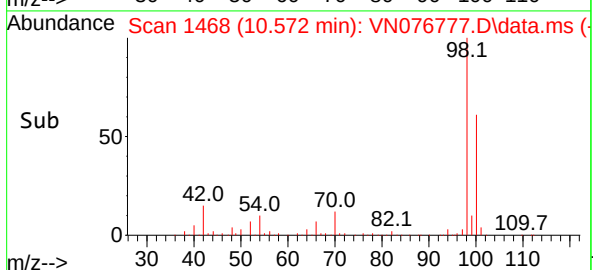
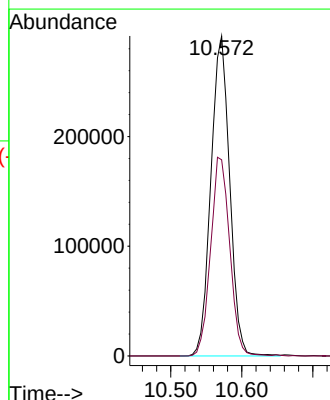
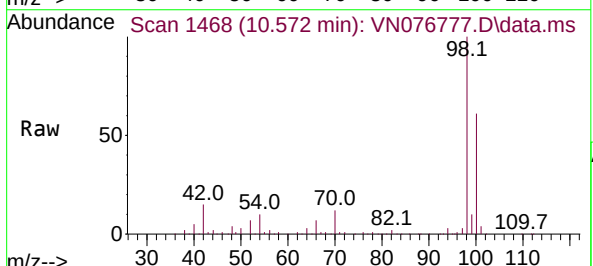
Acq: 22 Feb 2023 17:40

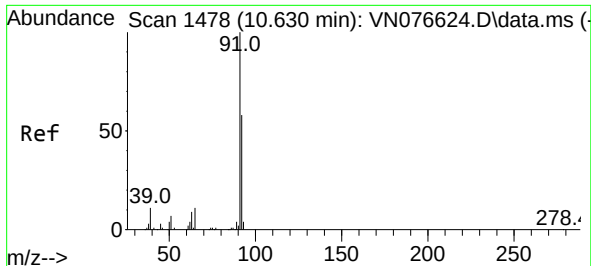
Tgt Ion: 98 Resp: 534836

Ion Ratio Lower Upper

98 100

100 63.1 52.9 79.3

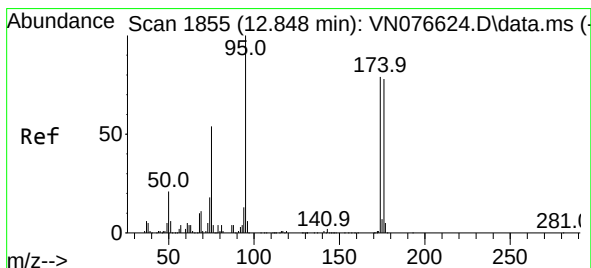
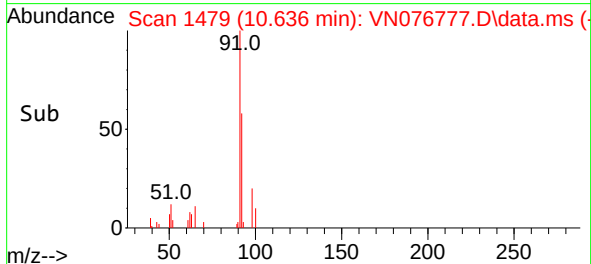
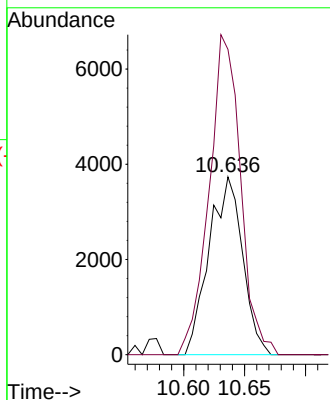
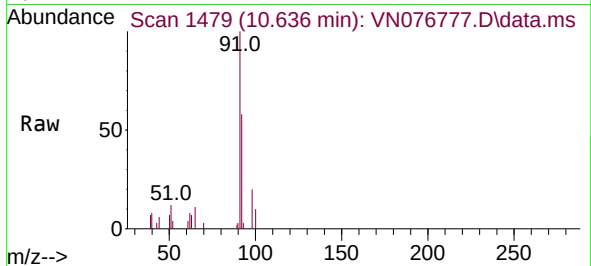




#52
Toluene
Concen: 0.933 ug/l
RT: 10.636 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VN076777.D
Acq: 22 Feb 2023 17:40

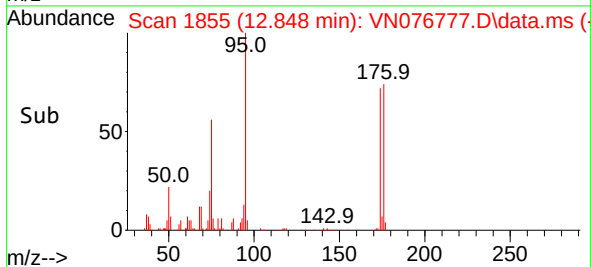
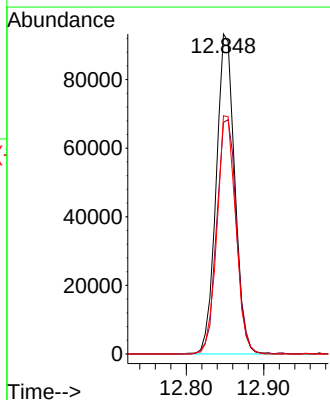
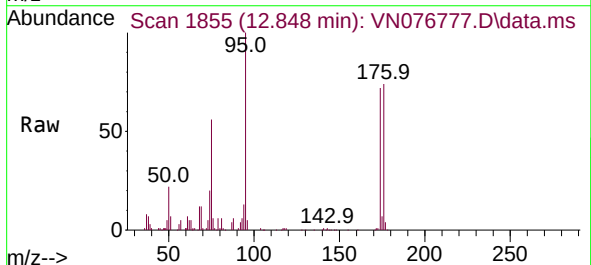
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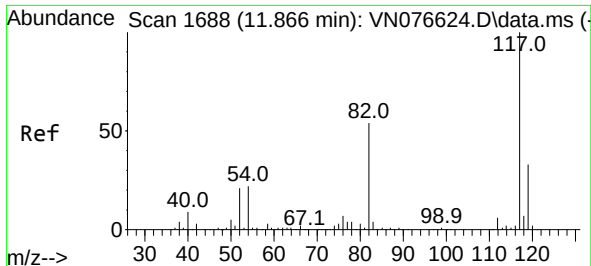
Tgt Ion: 92 Resp: 7164
Ion Ratio Lower Upper
92 100
91 168.6 138.0 207.0



#62
4-Bromofluorobenzene
Concen: 43.779 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN076777.D
Acq: 22 Feb 2023 17:40

Tgt Ion: 95 Resp: 155180
Ion Ratio Lower Upper
95 100
174 77.7 0.0 169.2
176 75.1 0.0 163.4

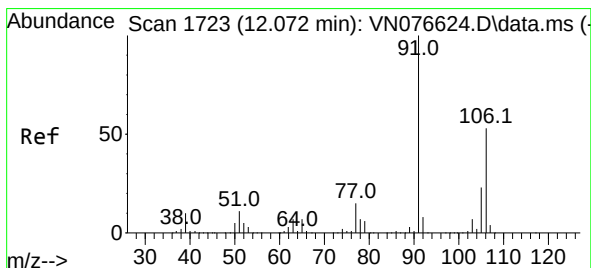
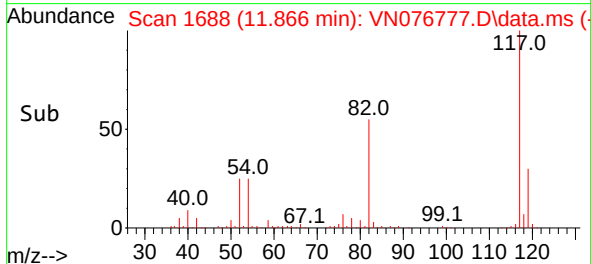
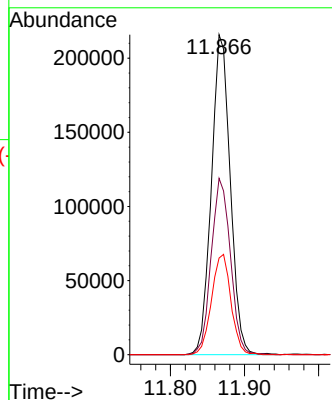
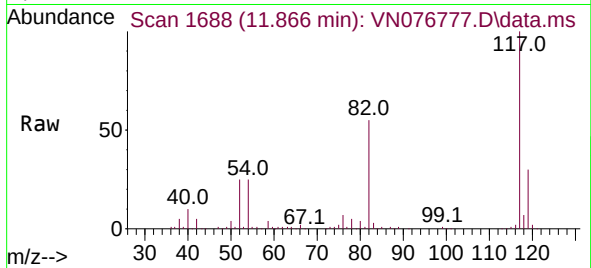




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076777.D
Acq: 22 Feb 2023 17:40

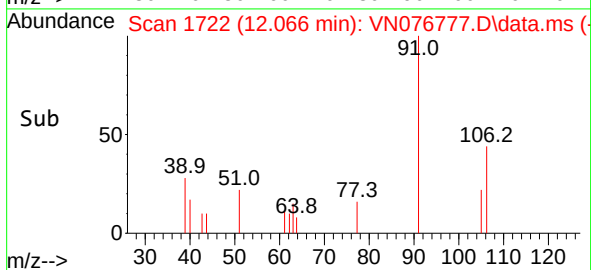
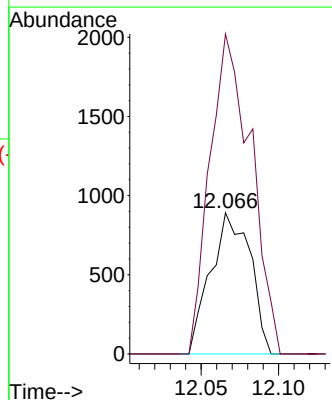
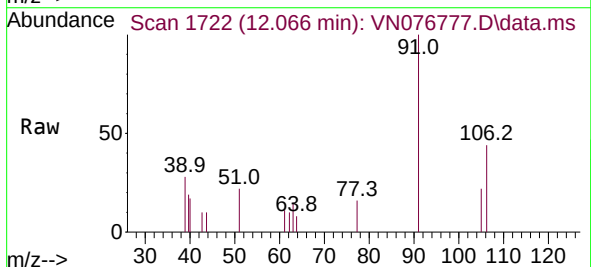
Instrument :
MSVOA_N
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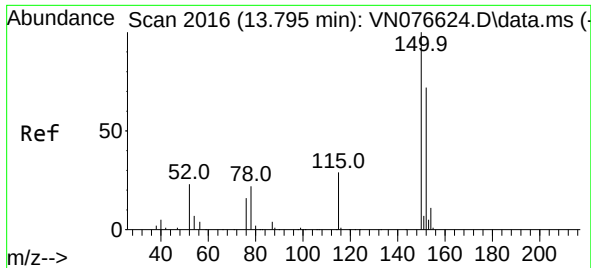
Tgt Ion:117 Resp: 381348
Ion Ratio Lower Upper
117 100
82 55.1 43.4 65.2
119 30.2 26.1 39.1



#68
m/p-Xylenes
Concen: 0.299 ug/l
RT: 12.066 min Scan# 1722
Delta R.T. -0.006 min
Lab File: VN076777.D
Acq: 22 Feb 2023 17:40

Tgt Ion:106 Resp: 1587
Ion Ratio Lower Upper
106 100
91 235.2 154.7 232.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN076777.D

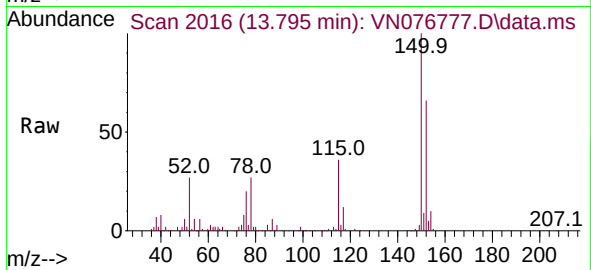
Acq: 22 Feb 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

31962



Tgt Ion:152 Resp: 148152

Ion Ratio Lower Upper

152 100

115 56.9 29.3 87.9

150 156.5 0.0 349.8

