

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076319.D
 Acq On : 19 Jan 2023 13:43
 Operator : JC\MD
 Sample : 01221-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11-0118

Quant Time: Jan 20 00:55:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

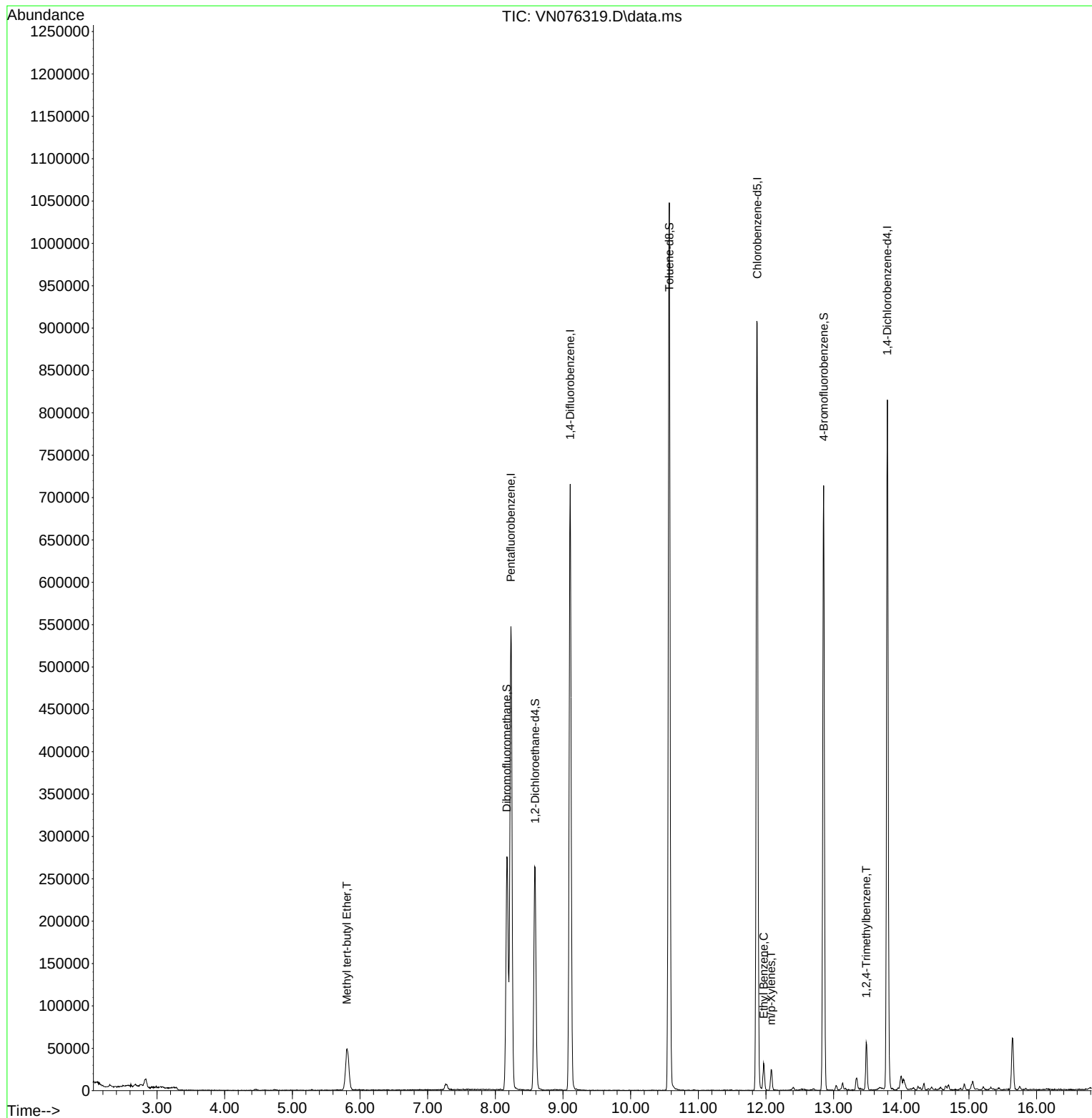
Internal Standards						
1) Pentafluorobenzene	8.230	168	431233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	658428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	567540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	216674	44.874	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.740%
35) Dibromofluoromethane	8.171	113	196501	47.709	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	10.571	98	747446	49.139	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.280%
62) 4-Bromofluorobenzene	12.853	95	235893	47.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.806	73	86310	6.419	ug/l	97
67) Ethyl Benzene	11.965	91	22999	1.120	ug/l	94
68) m/p-Xylenes	12.076	106	8241	1.001	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	34093	2.276	ug/l	97

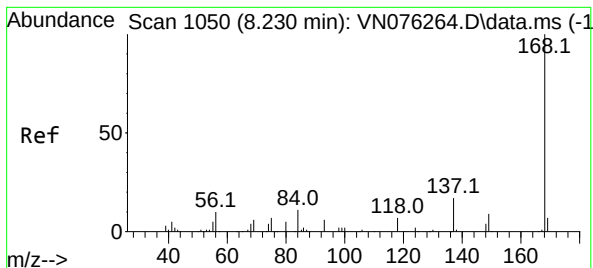
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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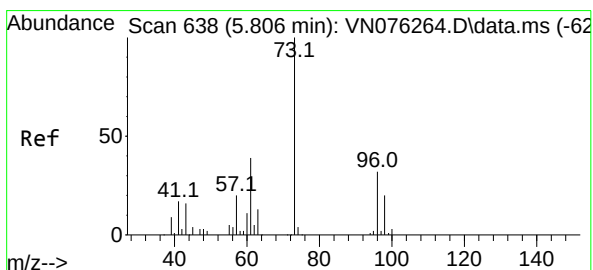
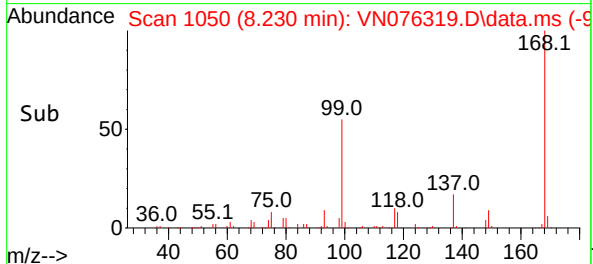
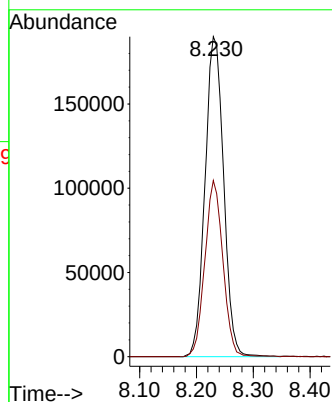
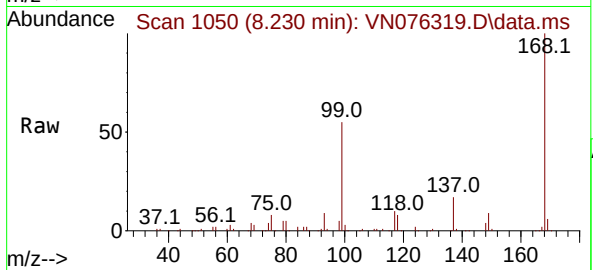




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076319.D
Acq: 19 Jan 2023 13:43

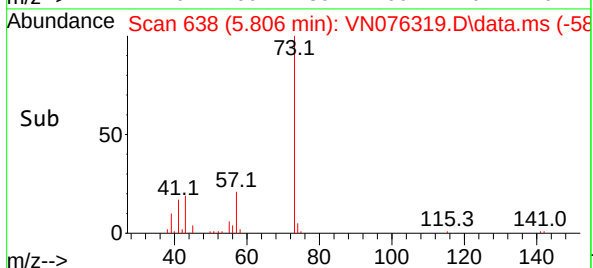
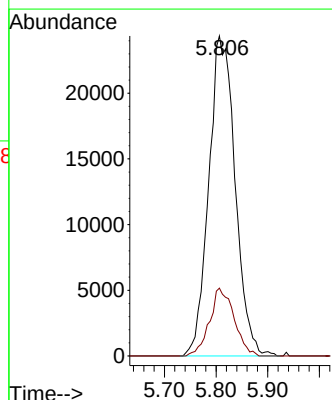
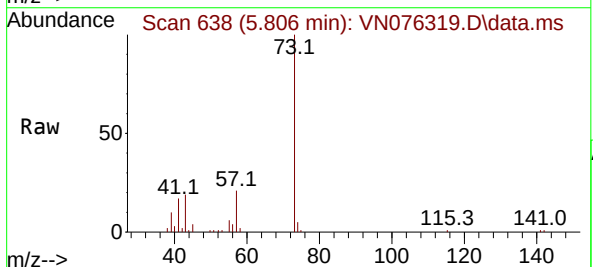
Instrument :
MSVOA_N
ClientSampleId :
MW-11-0118

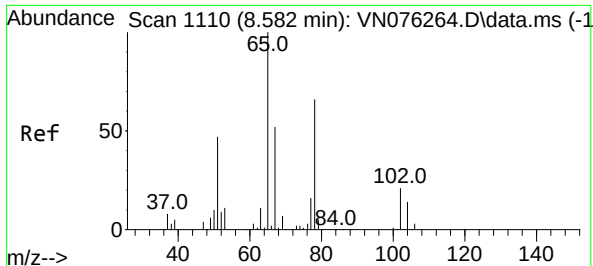
Tgt Ion:168 Resp: 431233
Ion Ratio Lower Upper
168 100
99 55.0 41.6 62.4



#19
Methyl tert-butyl Ether
Concen: 6.419 ug/l
RT: 5.806 min Scan# 638
Delta R.T. 0.000 min
Lab File: VN076319.D
Acq: 19 Jan 2023 13:43

Tgt Ion: 73 Resp: 86310
Ion Ratio Lower Upper
73 100
57 21.2 15.9 23.9





#33

1,2-Dichloroethane-d4

Concen: 44.874 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076319.D

Acq: 19 Jan 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

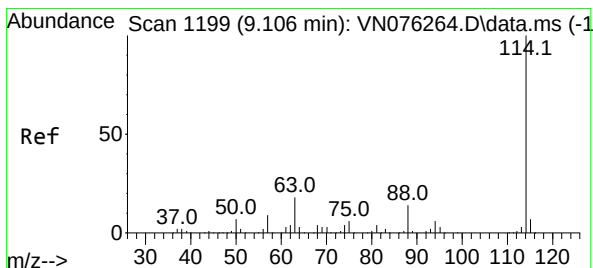
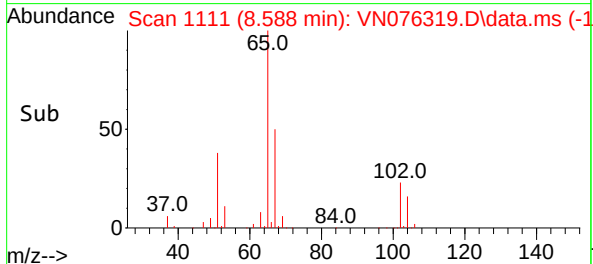
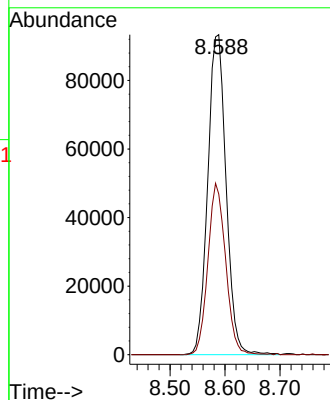
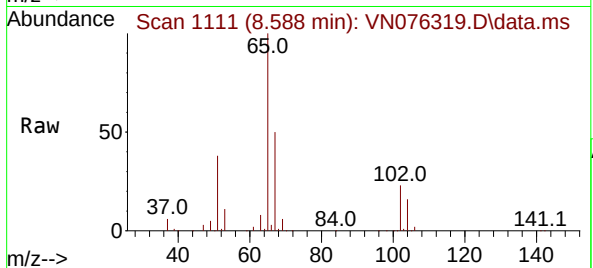
MW-11-0118

Tgt Ion: 65 Resp: 216674

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076319.D

Acq: 19 Jan 2023 13:43

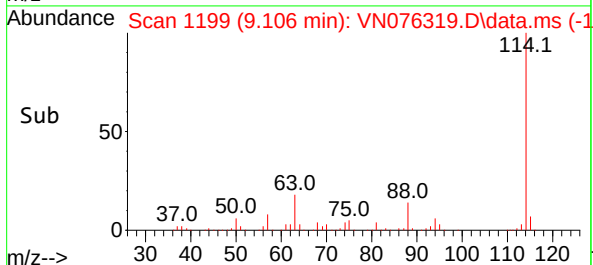
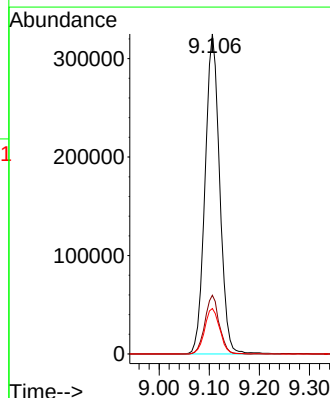
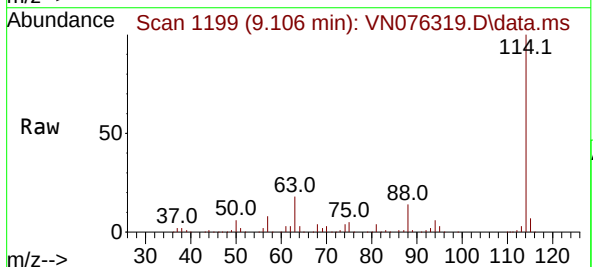
Tgt Ion: 114 Resp: 658428

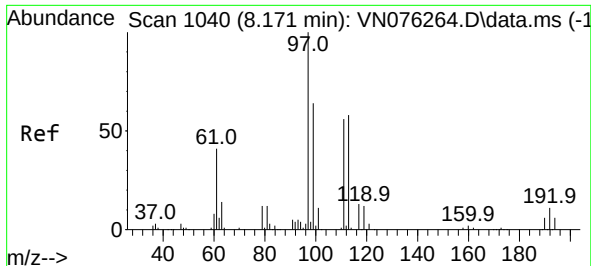
Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 14.2 0.0 28.0

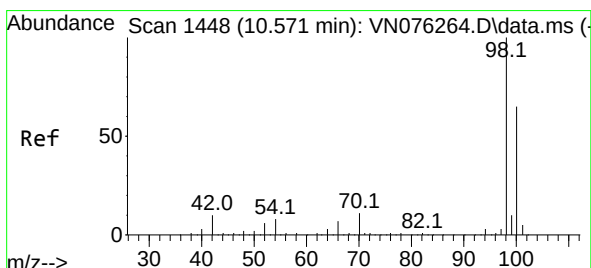
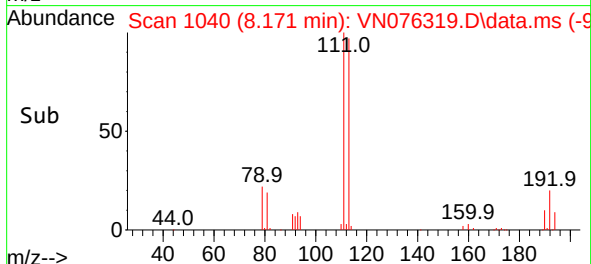
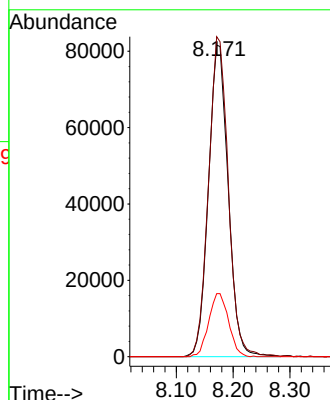
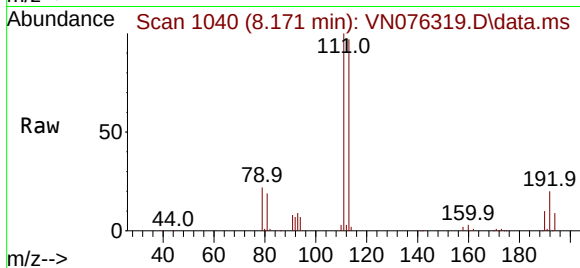




#35
Dibromofluoromethane
Concen: 47.709 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076319.D
Acq: 19 Jan 2023 13:43

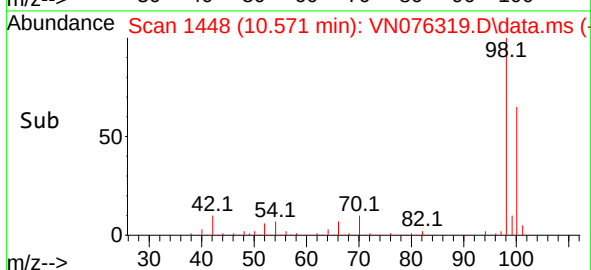
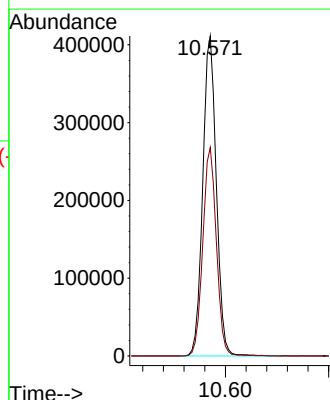
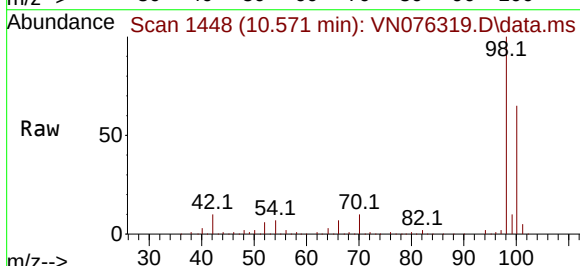
Instrument :
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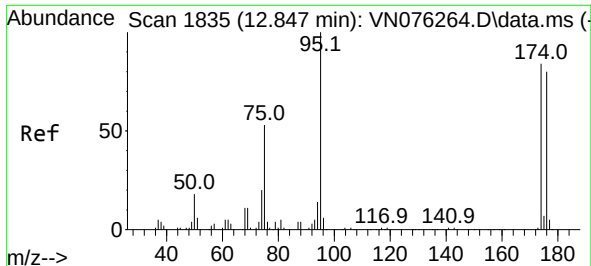
Tgt Ion:113 Resp: 196501
Ion Ratio Lower Upper
113 100
111 102.7 82.7 124.1
192 20.4 15.6 23.4



#50
Toluene-d8
Concen: 49.139 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076319.D
Acq: 19 Jan 2023 13:43

Tgt Ion: 98 Resp: 747446
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 47.505 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076319.D

Acq: 19 Jan 2023 13:43

Instrument :

MSVOA_N

ClientSampleId :

MW-11-0118

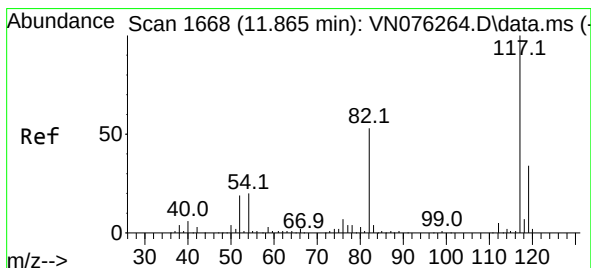
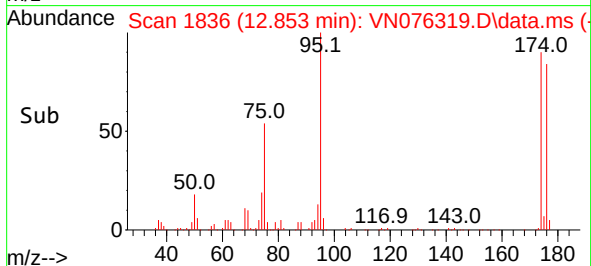
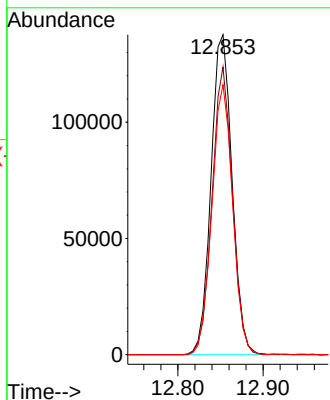
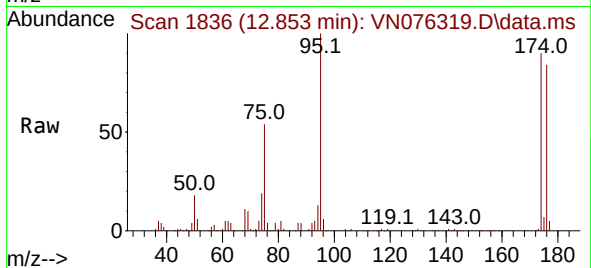
Tgt Ion: 95 Resp: 235893

Ion Ratio Lower Upper

95 100

174 87.5 0.0 174.6

176 83.3 0.0 167.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076319.D

Acq: 19 Jan 2023 13:43

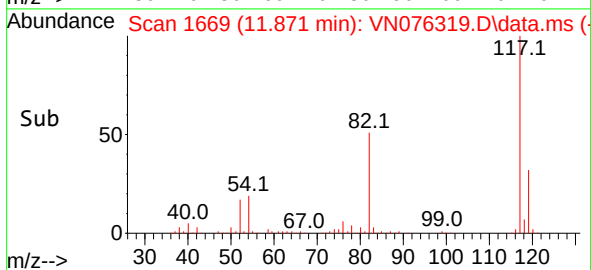
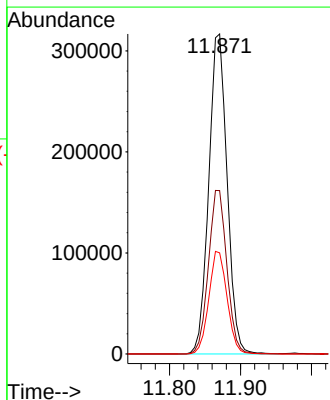
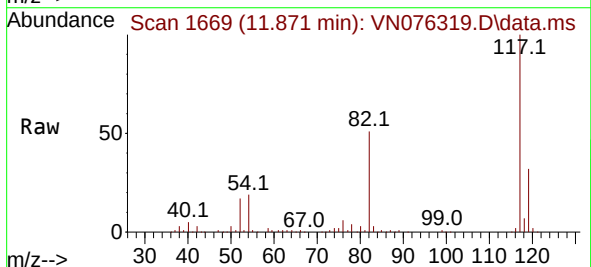
Tgt Ion: 117 Resp: 567540

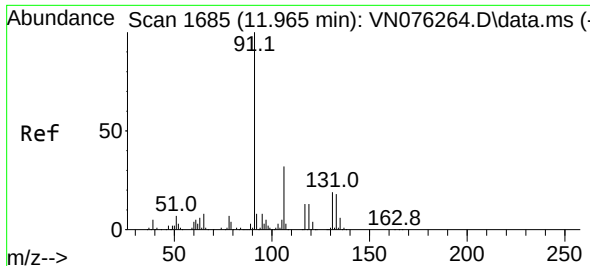
Ion Ratio Lower Upper

117 100

82 51.0 42.2 63.2

119 31.6 26.9 40.3

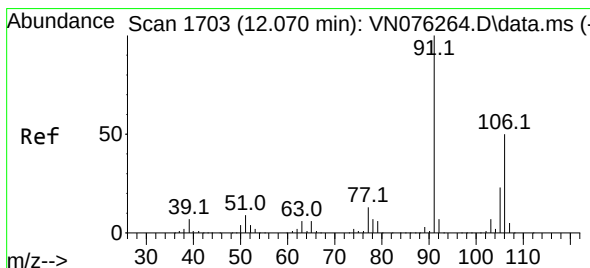
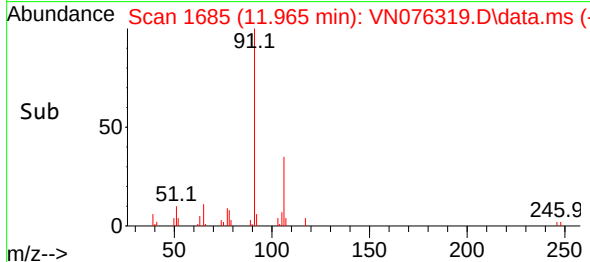
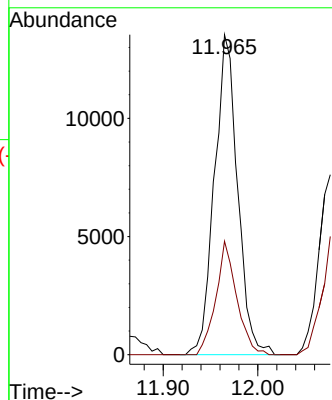
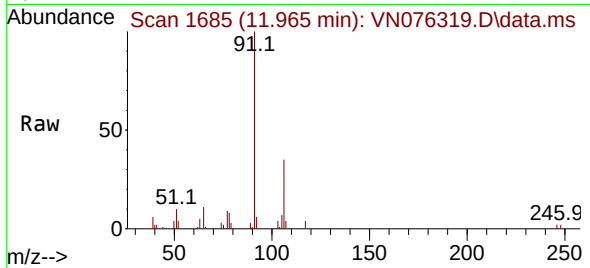




#67
Ethyl Benzene
Concen: 1.120 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076319.D
Acq: 19 Jan 2023 13:43

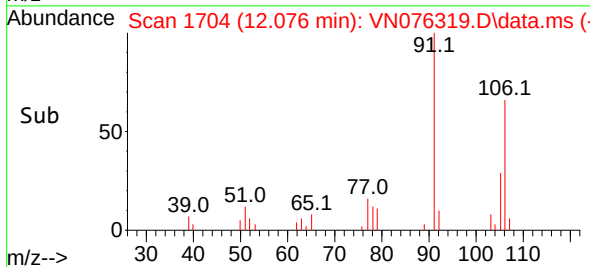
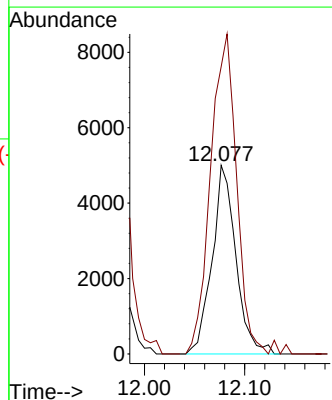
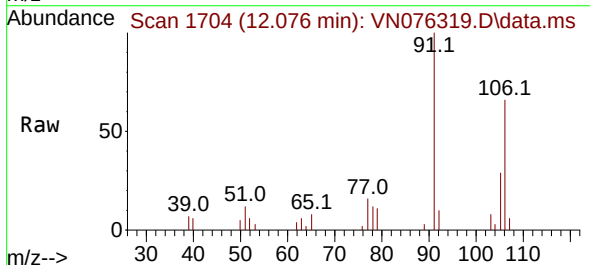
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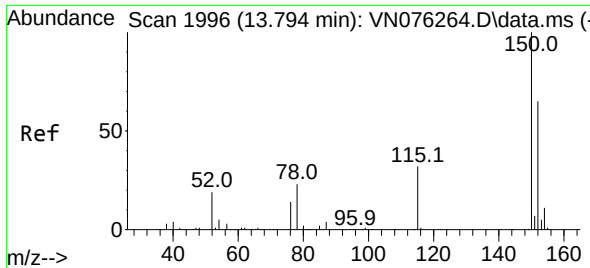
Tgt Ion: 91 Resp: 22999
Ion Ratio Lower Upper
91 100
106 35.5 25.5 38.3



#68
m/p-Xylenes
Concen: 1.001 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VN076319.D
Acq: 19 Jan 2023 13:43

Tgt Ion: 106 Resp: 8241
Ion Ratio Lower Upper
106 100
91 184.6 157.5 236.3

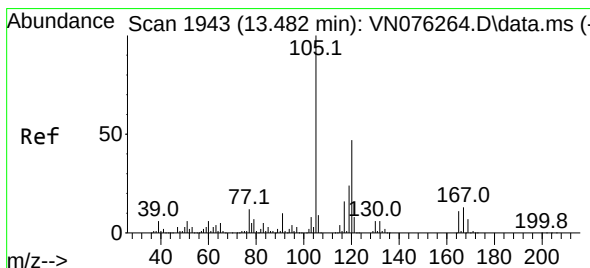
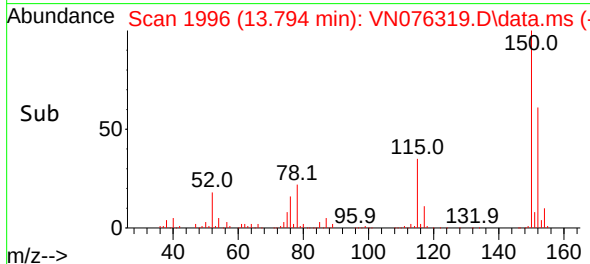
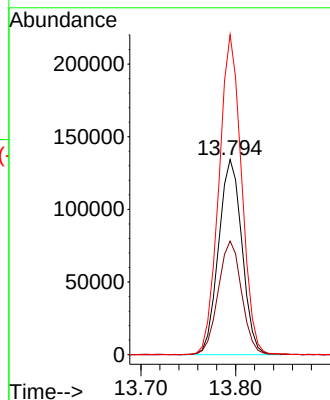
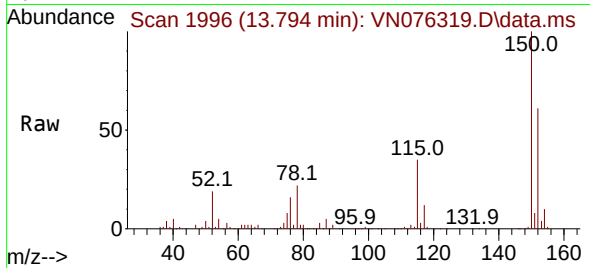




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076319.D
 Acq: 19 Jan 2023 13:43

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11-0118

Tgt Ion:152 Resp: 230549
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.6 88.9
 150 158.6 0.0 351.4



#84
 1,2,4-Trimethylbenzene
 Concen: 2.276 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076319.D
 Acq: 19 Jan 2023 13:43

Tgt Ion:105 Resp: 34093
 Ion Ratio Lower Upper
 105 100
 120 43.6 22.9 68.5

