

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076790.D
 Acq On : 23 Feb 2023 13:46
 Operator : JC\MD
 Sample : 01664-03 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-13-0222

Quant Time: Feb 24 01:34:49 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)

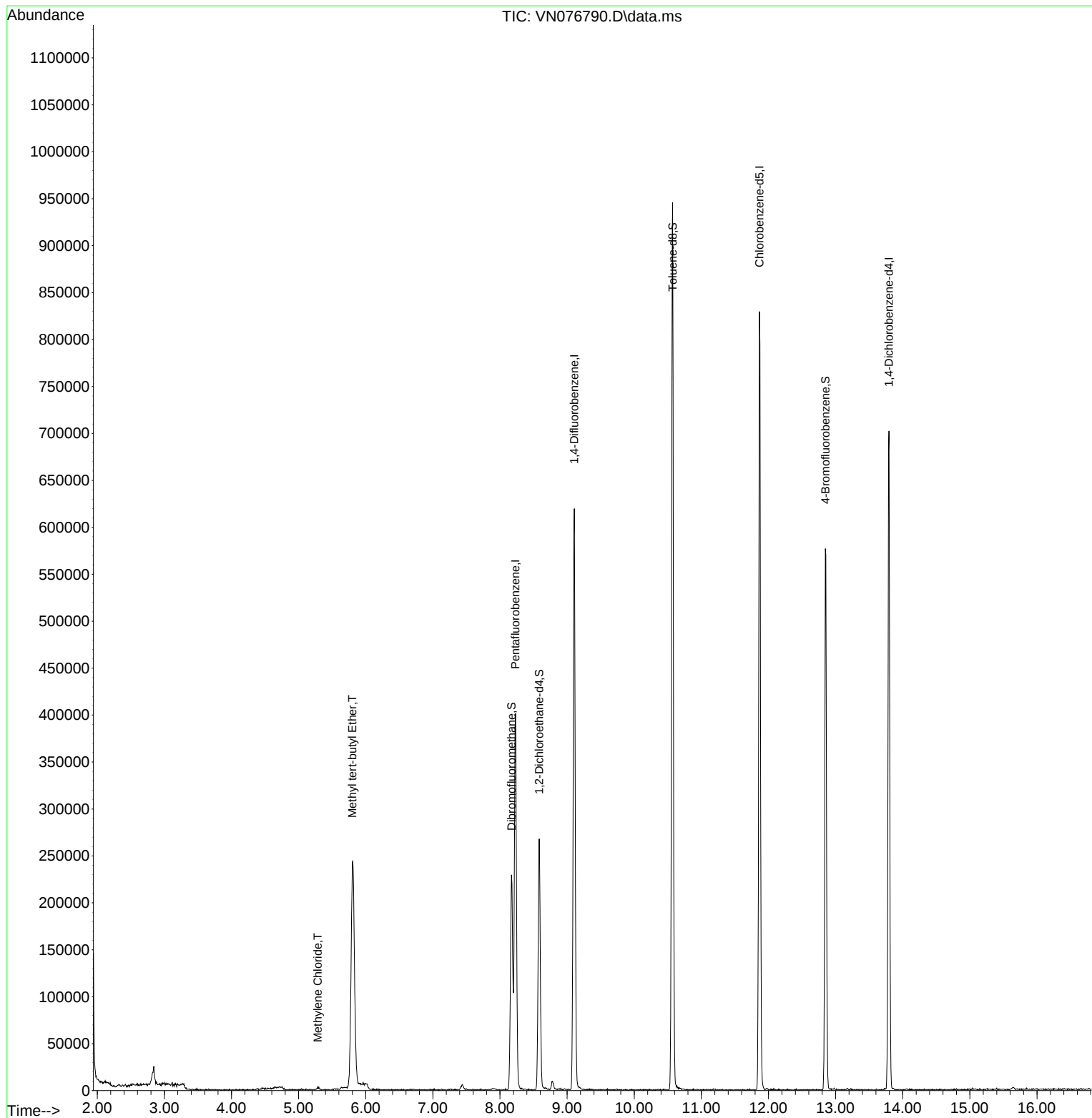
Internal Standards						
1) Pentafluorobenzene	8.231	168	285699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	516217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	458429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	175251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	200987	50.946	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.900%
35) Dibromofluoromethane	8.172	113	158593	46.912	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.820%
50) Toluene-d8	10.572	98	630318	49.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.860%
62) 4-Bromofluorobenzene	12.848	95	185902	44.459	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.920%
Target Compounds						
						Qvalue
19) Methyl tert-butyl Ether	5.801	73	367664	36.980	ug/l	97
20) Methylene Chloride	5.284	84	1264	0.342	ug/l #	58

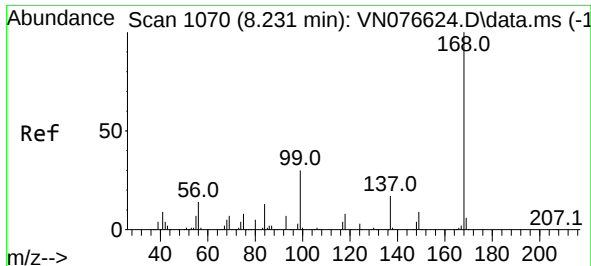
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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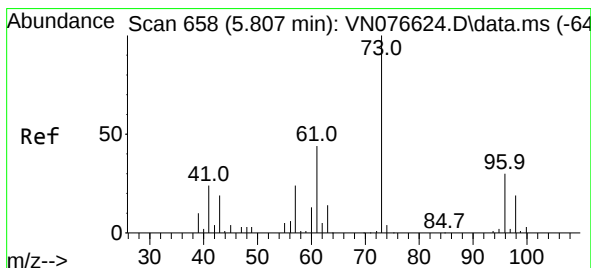
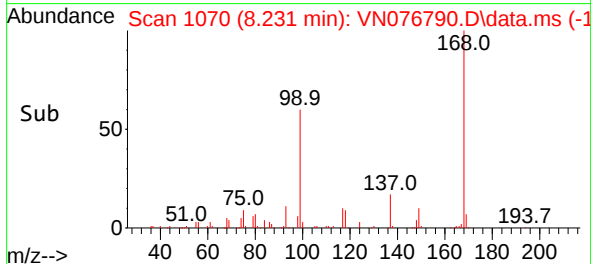
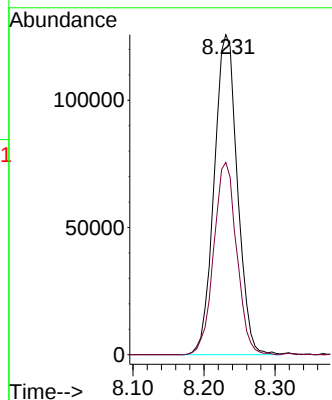
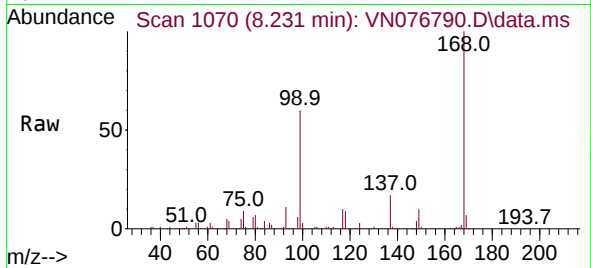




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

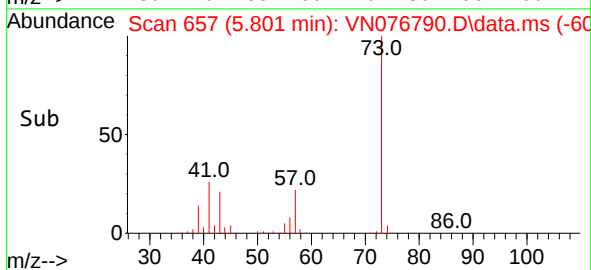
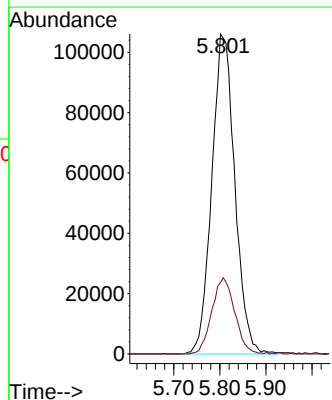
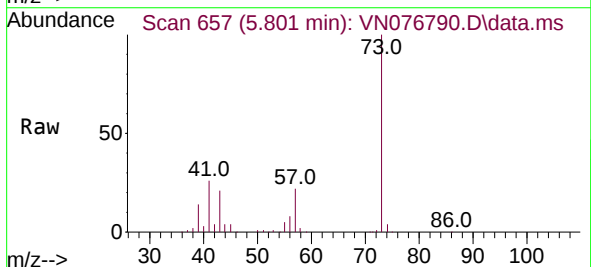
Instrument :
MSVOA_N
ClientSampleId :
MW-13-0222

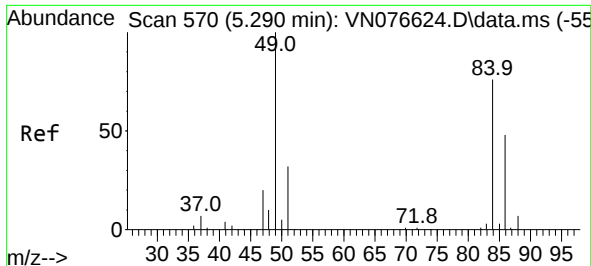
Tgt Ion:168 Resp: 285699
Ion Ratio Lower Upper
168 100
99 60.1 44.8 67.2



#19
Methyl tert-butyl Ether
Concen: 36.980 ug/l
RT: 5.801 min Scan# 657
Delta R.T. -0.006 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

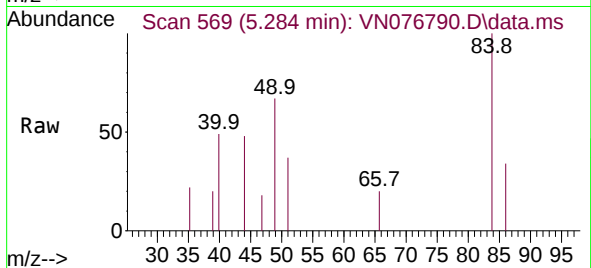
Tgt Ion: 73 Resp: 367664
Ion Ratio Lower Upper
73 100
57 22.4 19.0 28.4



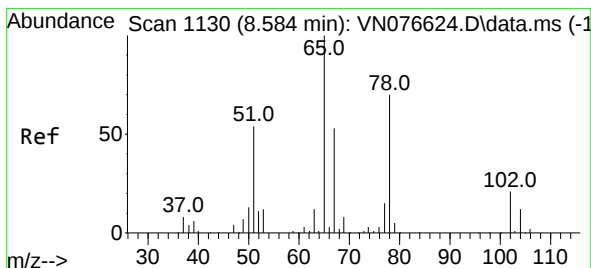
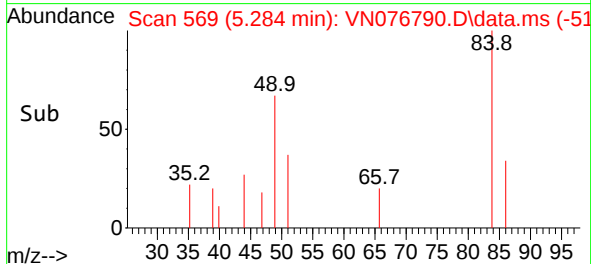
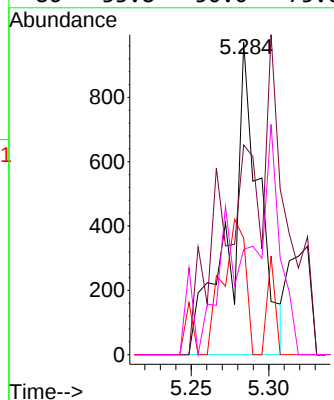


#20
Methylene Chloride
Concen: 0.342 ug/l
RT: 5.284 min Scan# 511
Delta R.T. -0.006 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-13-0222

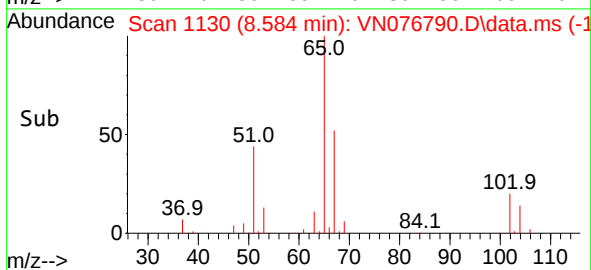
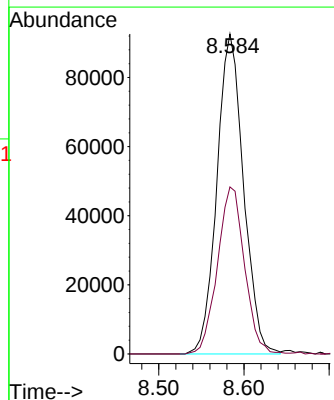
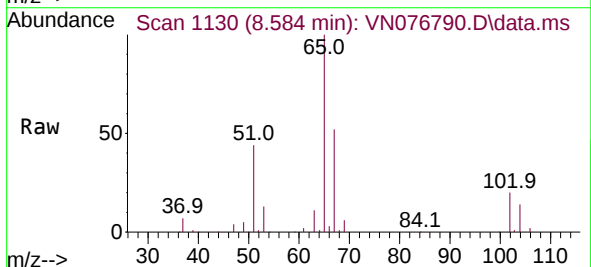


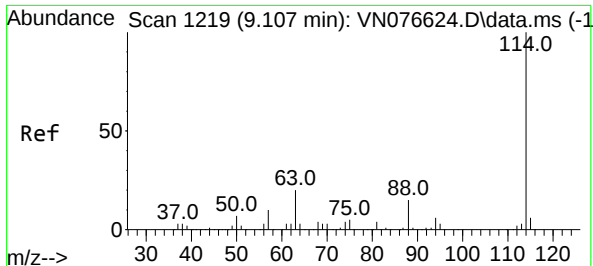
Tgt Ion:	84	Resp:	1264
Ion	Ratio	Lower	Upper
84	100		
49	67.1	104.9	157.3#
51	37.3	33.8	50.8
86	33.8	50.0	75.0#



#33
1,2-Dichloroethane-d4
Concen: 50.946 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

Tgt Ion:	65	Resp:	200987
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076790.D

Acq: 23 Feb 2023 13:46

Instrument :

MSVOA_N

ClientSampleId :

MW-13-0222

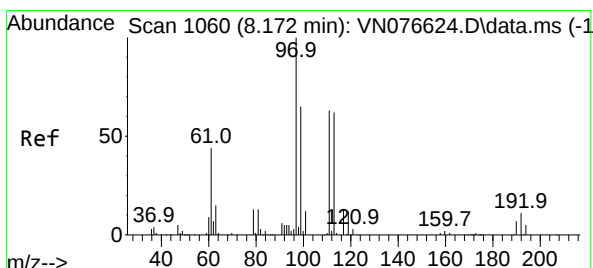
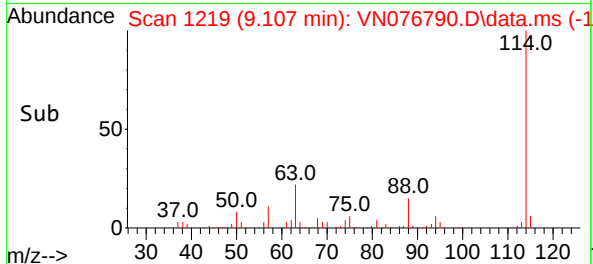
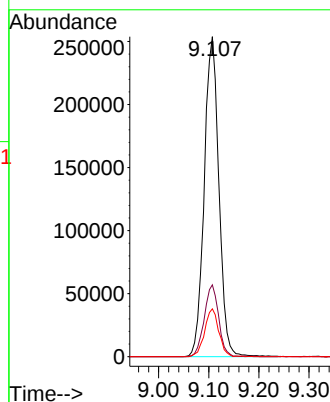
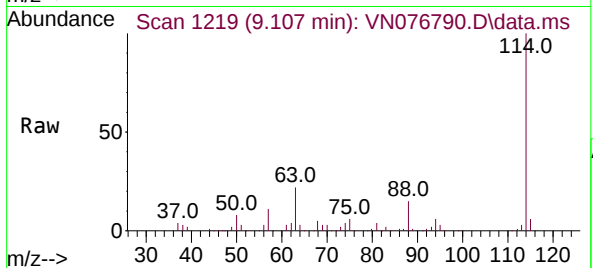
Tgt Ion:114 Resp: 516217

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 14.9 0.0 29.6



#35

Dibromofluoromethane

Concen: 46.912 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076790.D

Acq: 23 Feb 2023 13:46

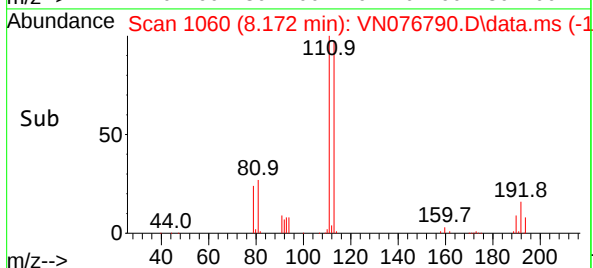
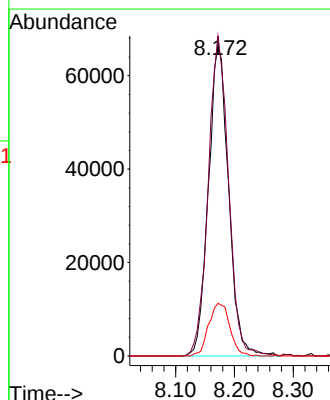
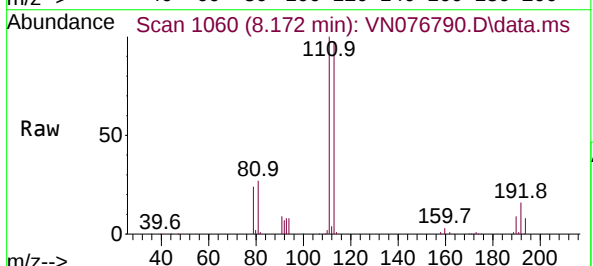
Tgt Ion:113 Resp: 158593

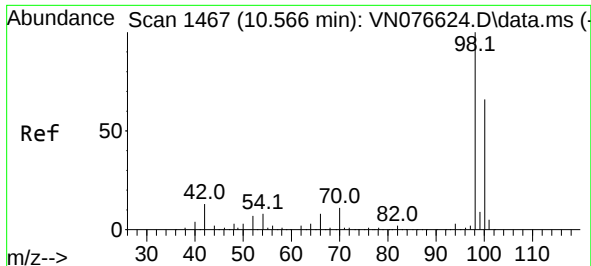
Ion Ratio Lower Upper

113 100

111 103.6 83.1 124.7

192 17.8 15.6 23.4

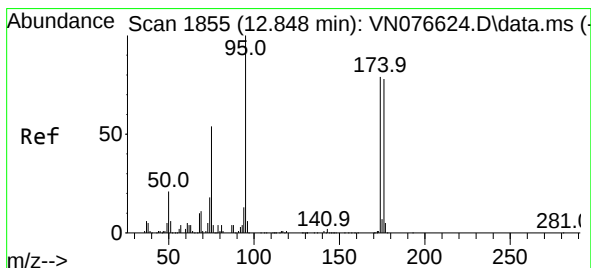
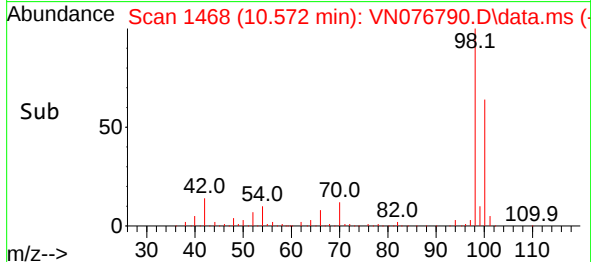
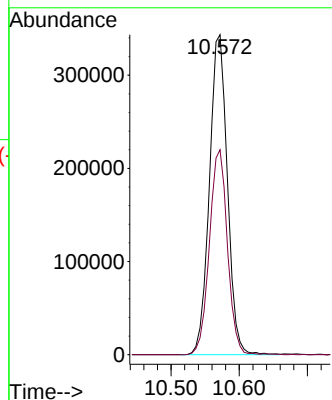
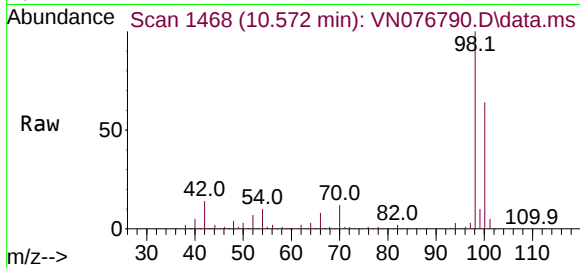




#50
Toluene-d8
Concen: 49.926 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

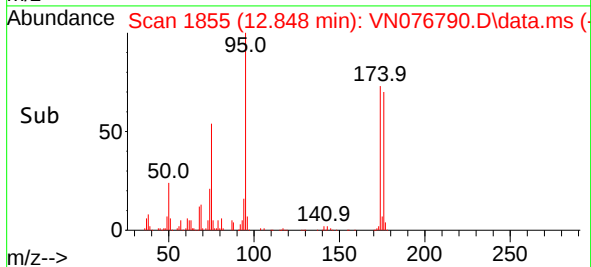
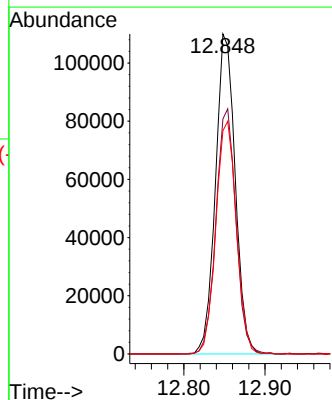
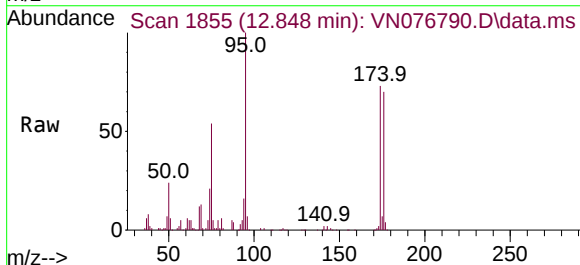
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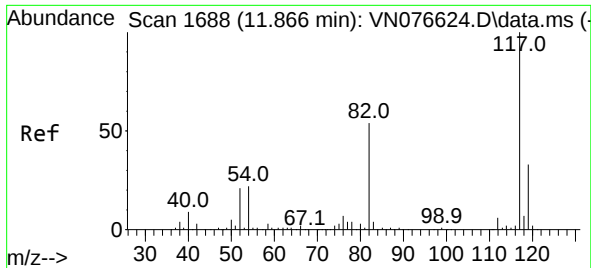
Tgt Ion: 98 Resp: 630318
Ion Ratio Lower Upper
98 100
100 64.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 44.459 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

Tgt Ion: 95 Resp: 185902
Ion Ratio Lower Upper
95 100
174 77.7 0.0 169.2
176 75.2 0.0 163.4

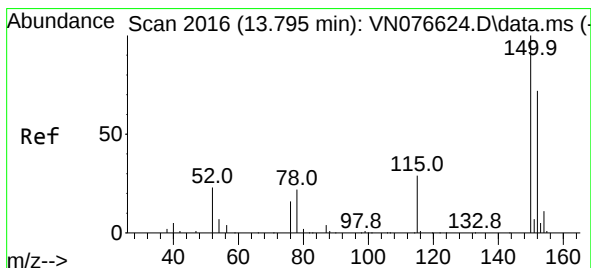
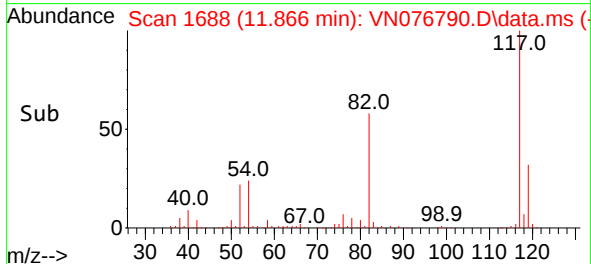
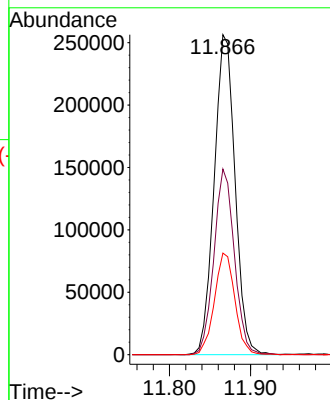
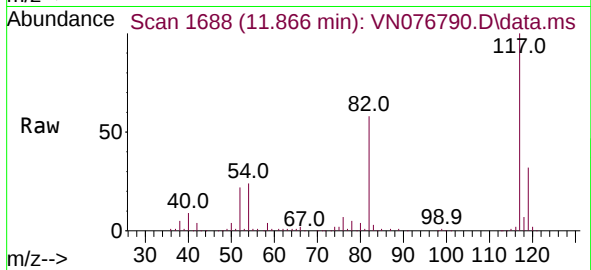




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

Instrument :
MSVOA_N
ClientSampleId :
MW-13-0222

Tgt Ion:117 Resp: 458429
Ion Ratio Lower Upper
117 100
82 58.0 43.4 65.2
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076790.D
Acq: 23 Feb 2023 13:46

Tgt Ion:152 Resp: 175251
Ion Ratio Lower Upper
152 100
115 59.9 29.3 87.9
150 163.3 0.0 349.8

