

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022724\
 Data File : VN081233.D
 Acq On : 27 Feb 2024 20:48
 Operator : JC\MD
 Sample : P1590-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20240222

Quant Time: Feb 28 04:25:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021624W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 16 23:45:20 2024
 Response via : Initial Calibration

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

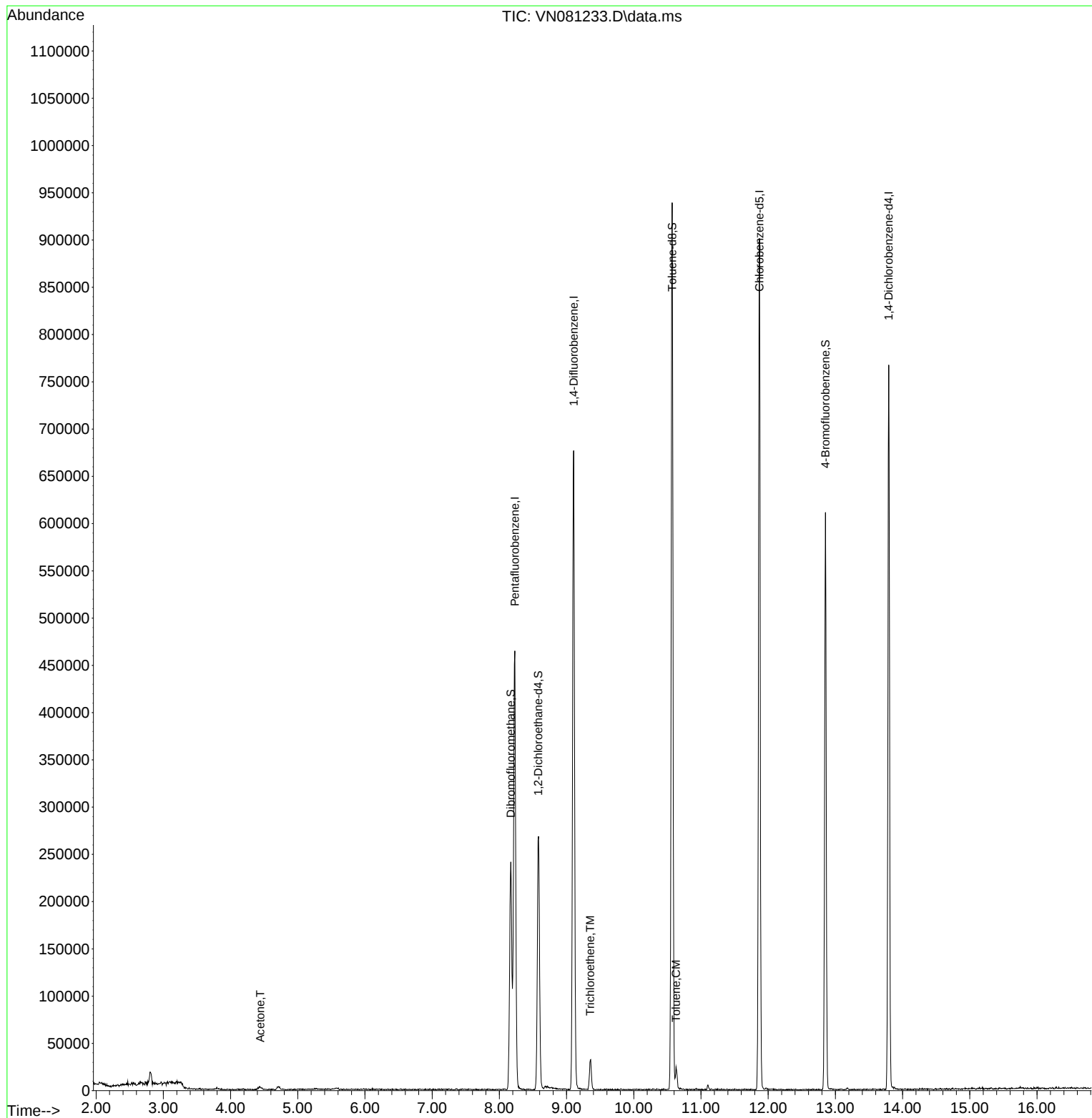
Internal Standards						
1) Pentafluorobenzene	8.230	168	310148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	499241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	191493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	216502	56.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.900%
35) Dibromofluoromethane	8.171	113	171541	52.735	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.460%
50) Toluene-d8	10.571	98	643977	55.739	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.480%
62) 4-Bromofluorobenzene	12.853	95	203098	46.783	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	6004	4.014	ug/l	90
44) Trichloroethene	9.353	130	11309	2.632	ug/l	79
52) Toluene	10.629	92	8348	0.817	ug/l	87

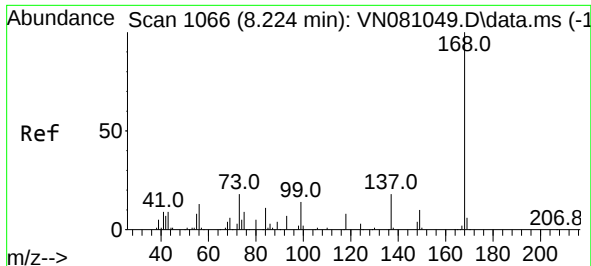
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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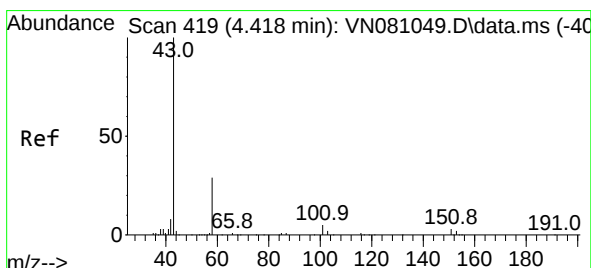
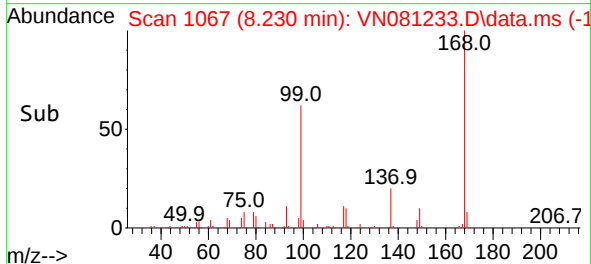
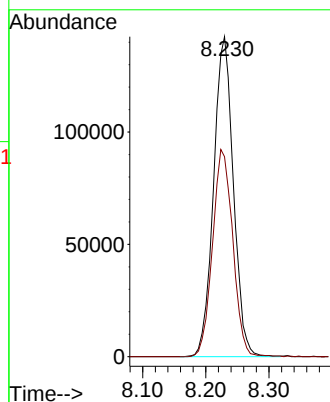
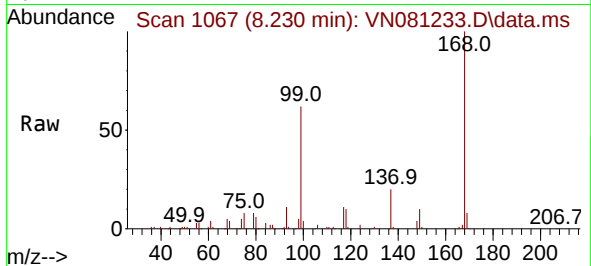




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081233.D
Acq: 27 Feb 2024 20:48

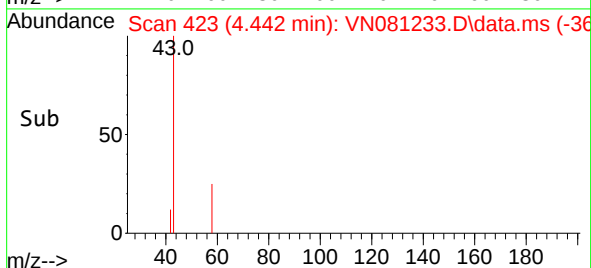
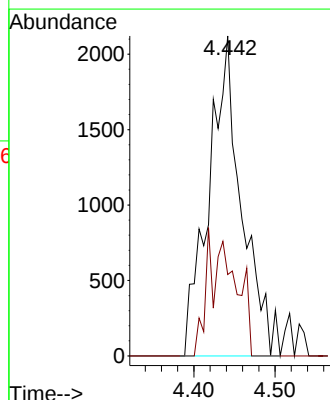
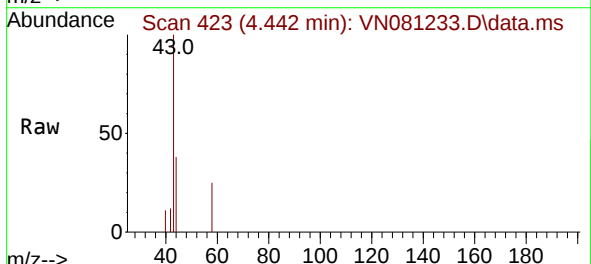
Instrument :
MSVOA_N
ClientSampleId :
RE120D3-20240222

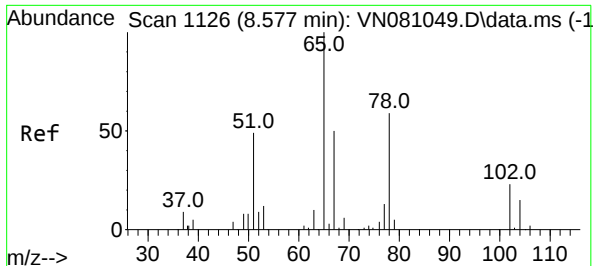
Tgt Ion:168 Resp: 310148
Ion Ratio Lower Upper
168 100
99 62.5 59.9 89.9



#16
Acetone
Concen: 4.014 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.023 min
Lab File: VN081233.D
Acq: 27 Feb 2024 20:48

Tgt Ion: 43 Resp: 6004
Ion Ratio Lower Upper
43 100
58 25.5 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 56.951 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081233.D

Acq: 27 Feb 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

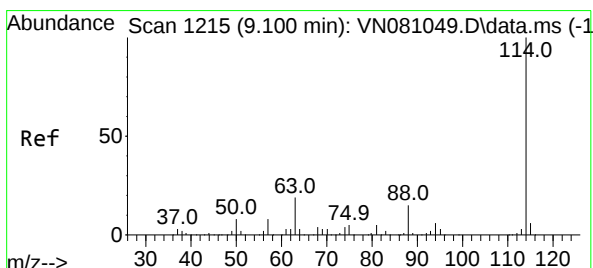
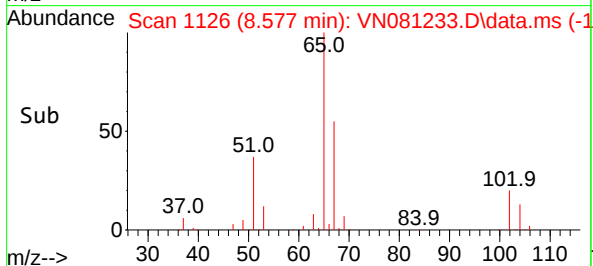
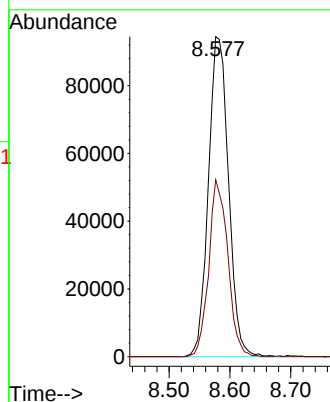
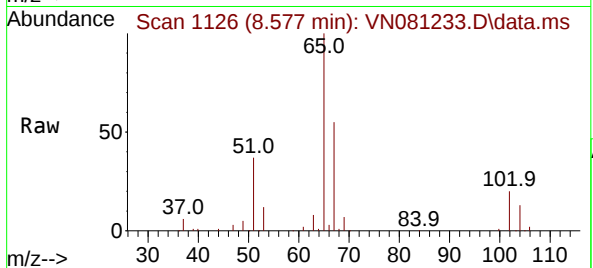
RE120D3-20240222

Tgt Ion: 65 Resp: 216502

Ion Ratio Lower Upper

65 100

67 52.4 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN081233.D

Acq: 27 Feb 2024 20:48

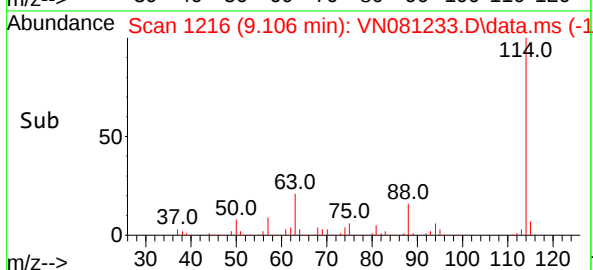
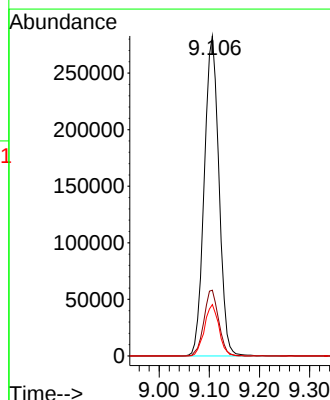
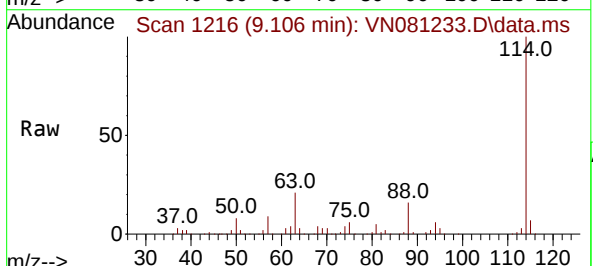
Tgt Ion: 114 Resp: 575259

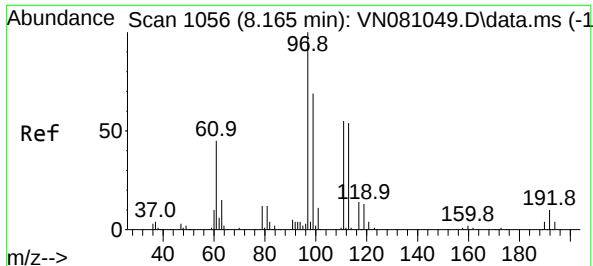
Ion Ratio Lower Upper

114 100

63 20.6 0.0 48.0

88 16.0 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.735 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081233.D

Acq: 27 Feb 2024 20:48

Instrument :

MSVOA_N

ClientSampleId :

RE120D3-20240222

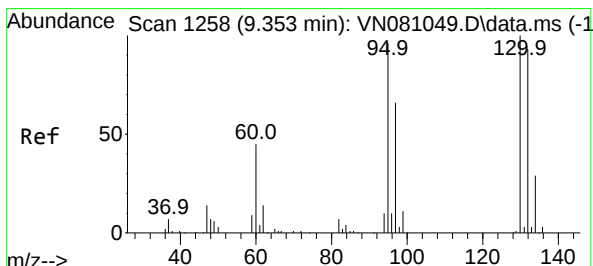
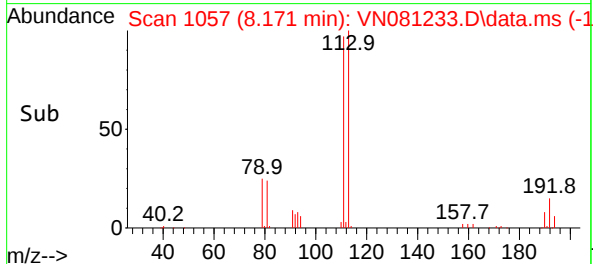
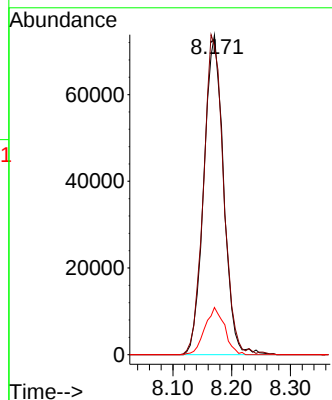
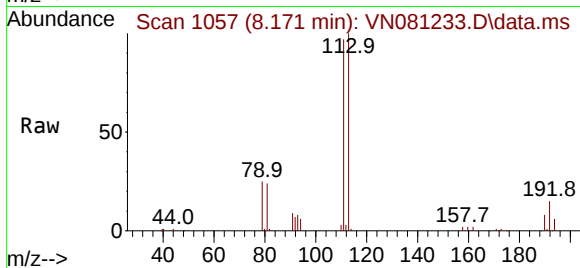
Tgt Ion:113 Resp: 171541

Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 14.8 12.5 18.7



#44

Trichloroethene

Concen: 2.632 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN081233.D

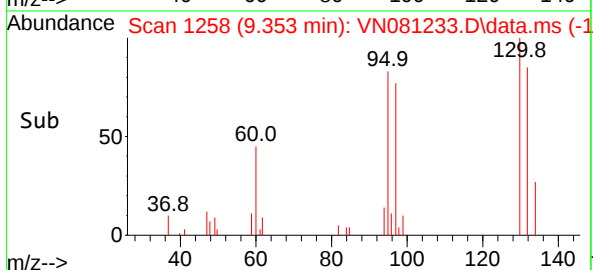
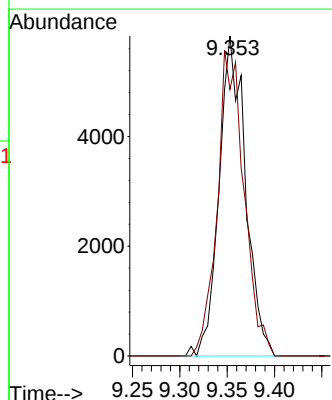
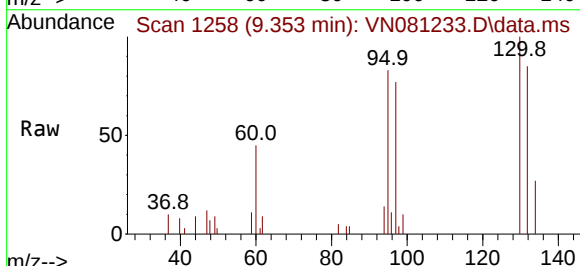
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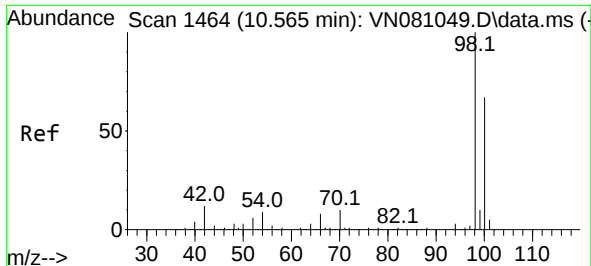
Tgt Ion:130 Resp: 11309

Ion Ratio Lower Upper

130 100

95 83.3 0.0 210.4

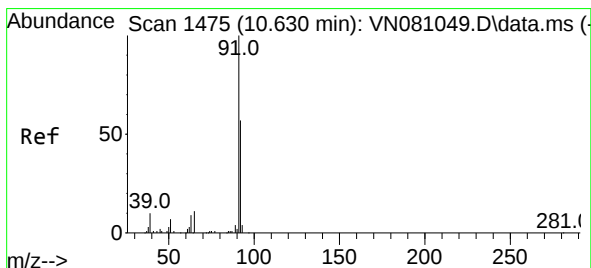
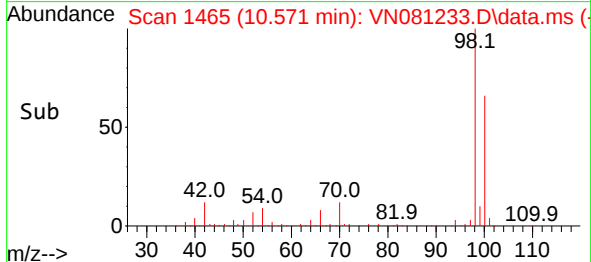
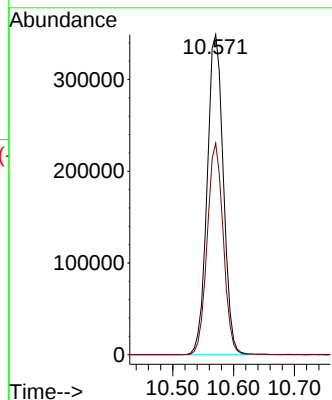
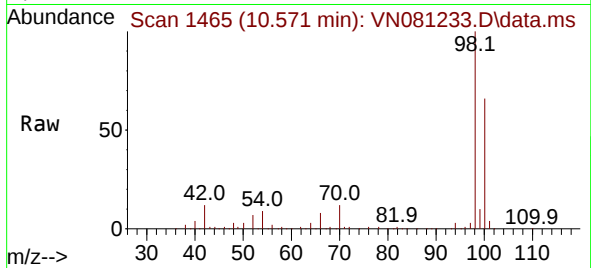




#50
Toluene-d8
Concen: 55.739 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN081233.D
Acq: 27 Feb 2024 20:48

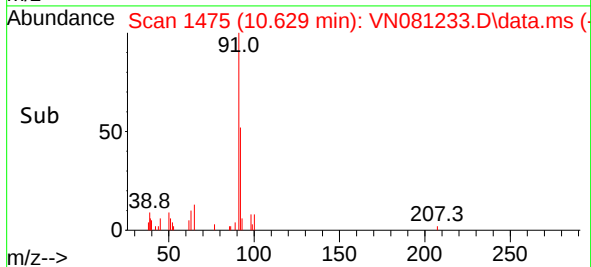
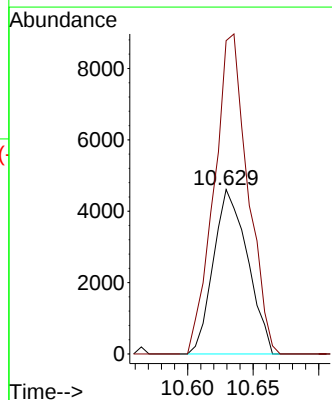
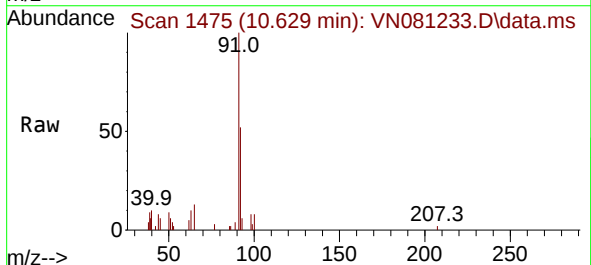
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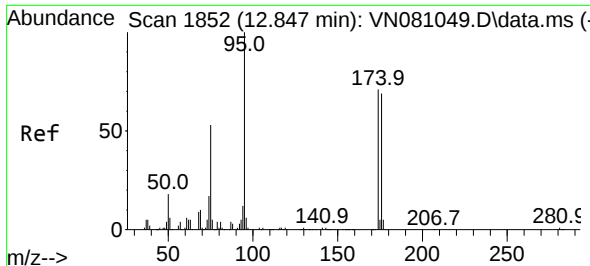
Tgt Ion: 98 Resp: 643977
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.0



#52
Toluene
Concen: 0.817 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN081233.D
Acq: 27 Feb 2024 20:48

Tgt Ion: 92 Resp: 8348
Ion Ratio Lower Upper
92 100
91 192.2 139.4 209.0

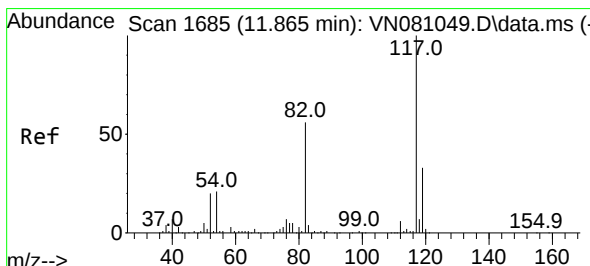
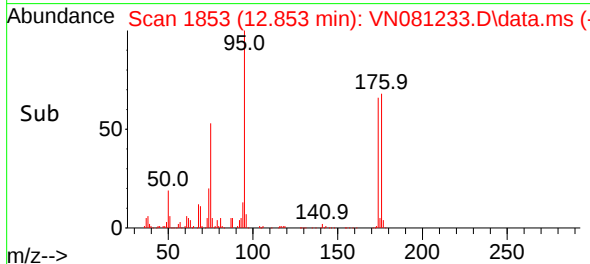
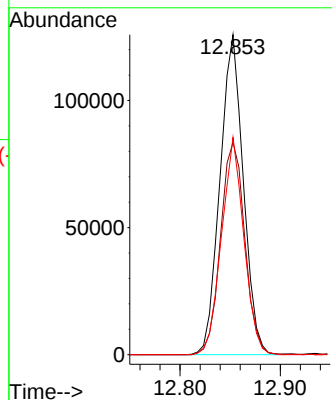
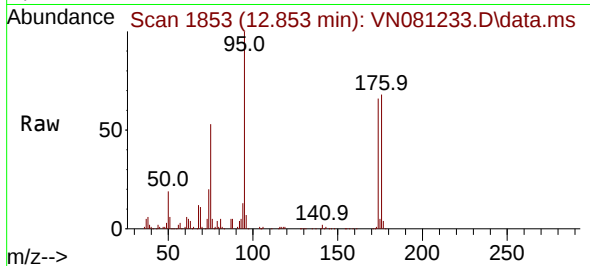




#62
4-Bromofluorobenzene
Concen: 46.783 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN081233.D
Acq: 27 Feb 2024 20:48

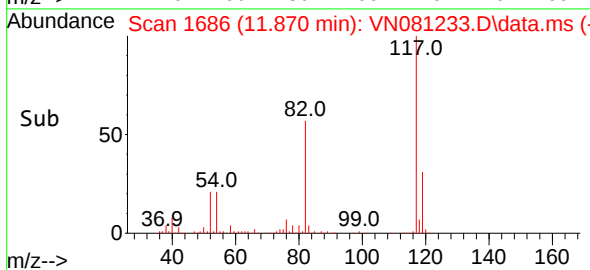
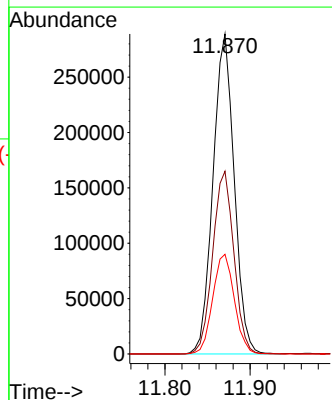
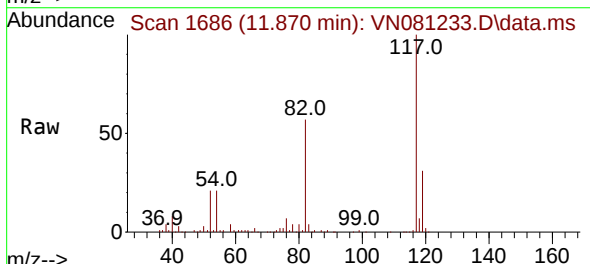
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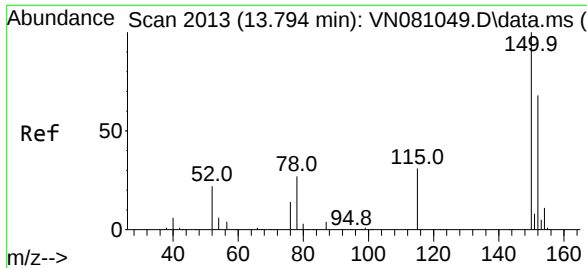
Tgt Ion:	95	Resp:	203098
Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	120.4
176	65.2	0.0	121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN081233.D
Acq: 27 Feb 2024 20:48

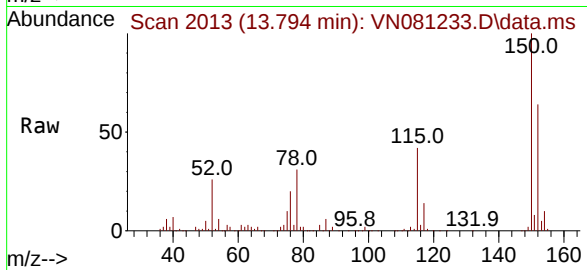
Tgt Ion:	117	Resp:	499241
Ion	Ratio	Lower	Upper
117	100		
82	57.1	52.7	79.1
119	31.1	25.3	37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN081233.D
 Acq: 27 Feb 2024 20:48

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D3-20240222



Tgt Ion:152 Resp: 191493
 Ion Ratio Lower Upper
 152 100
 115 64.4 32.3 96.8
 150 159.7 0.0 339.8

