

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012423\
 Data File : VN076381.D
 Acq On : 24 Jan 2023 14:41
 Operator : JC\MD
 Sample : 01280-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-4I

Quant Time: Jan 25 00:39:24 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)

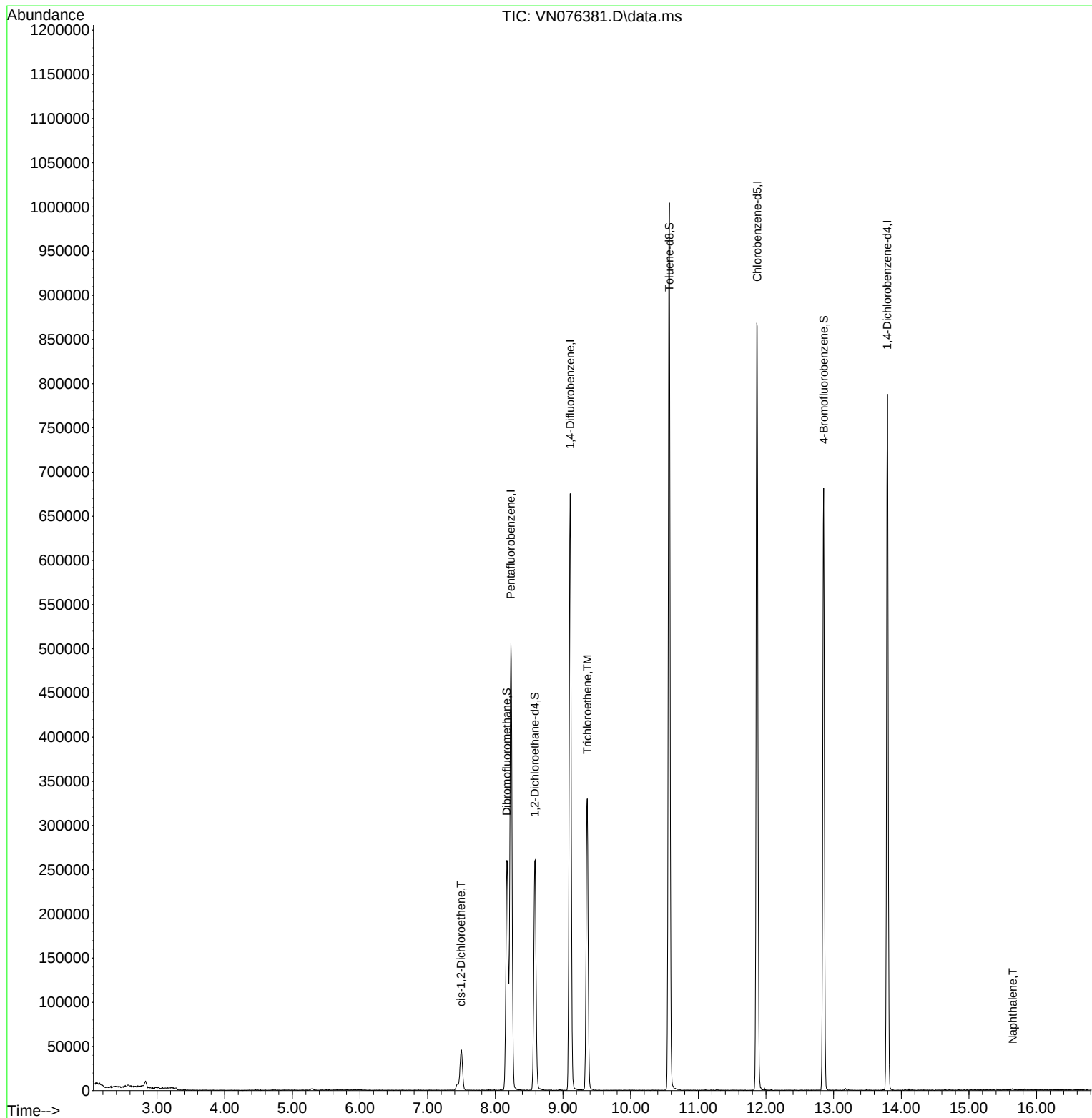
Internal Standards						
1) Pentafluorobenzene	8.229	168	383856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620713	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	530925	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	217675	50.646	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.300%
35) Dibromofluoromethane	8.171	113	186238	47.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.920%
50) Toluene-d8	10.570	98	711088	49.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.853	95	224007	47.852	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.700%
Target Compounds						
						Qvalue
27) cis-1,2-Dichloroethene	7.494	96	28524	6.140	ug/l	93
44) Trichloroethene	9.359	130	121934	26.132	ug/l	96
95) Naphthalene	15.647	128	1808	1.990	ug/l #	77

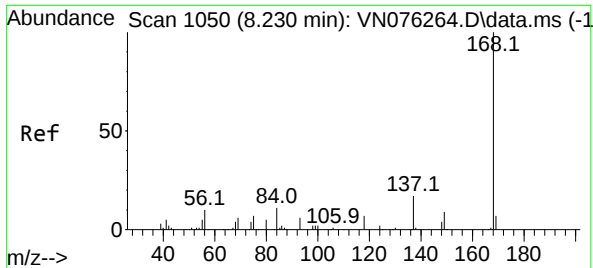
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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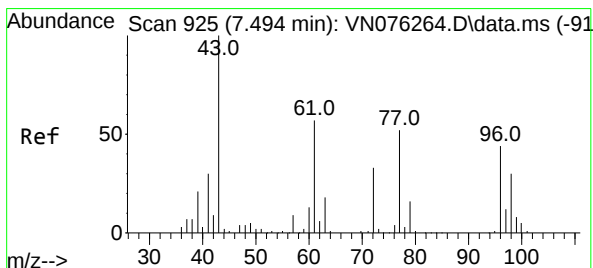
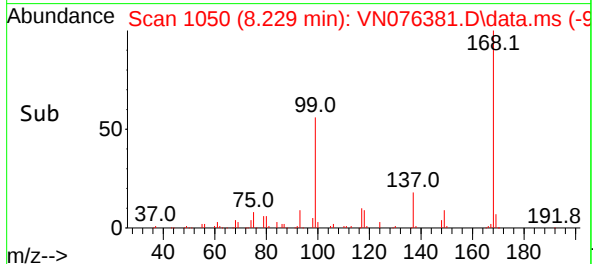
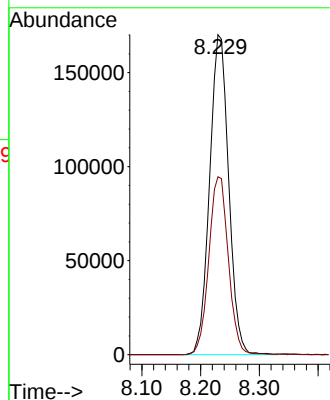
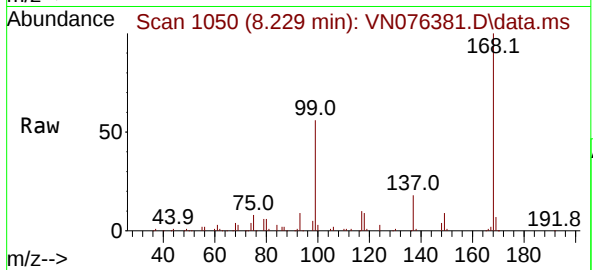




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

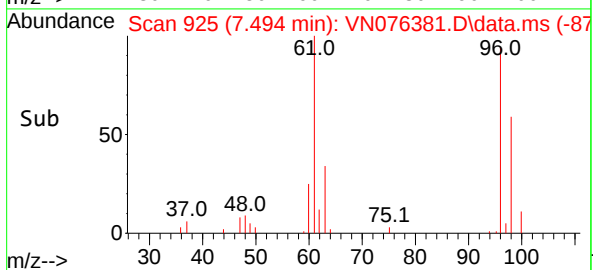
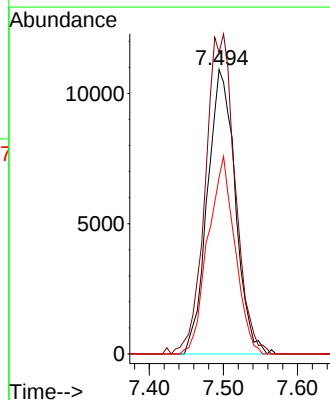
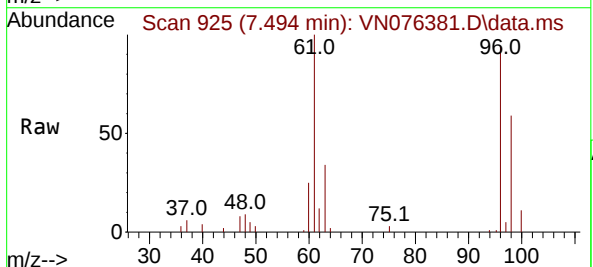
Instrument :
MSVOA_N
ClientSampleId :
22-MW-4I

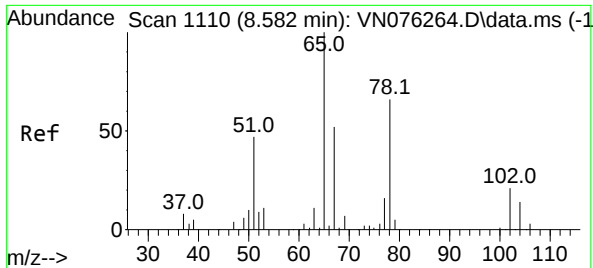
Tgt Ion:168 Resp: 383856
Ion Ratio Lower Upper
168 100
99 55.6 41.6 62.4



#27
cis-1,2-Dichloroethene
Concen: 6.140 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion: 96 Resp: 28524
Ion Ratio Lower Upper
96 100
61 120.0 0.0 259.6
98 67.3 0.0 129.4

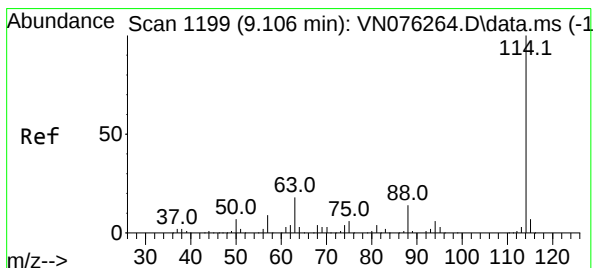
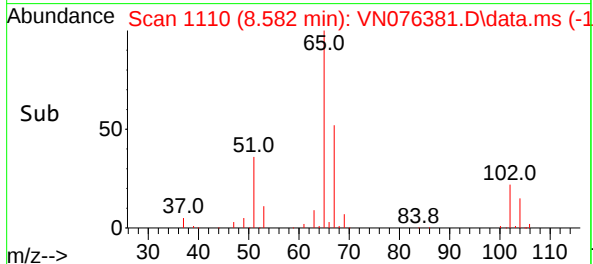
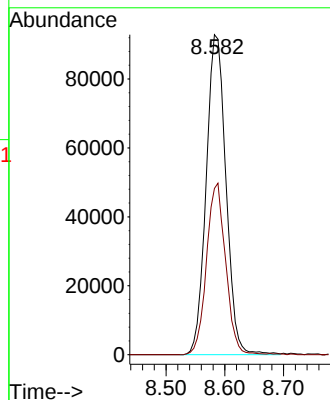
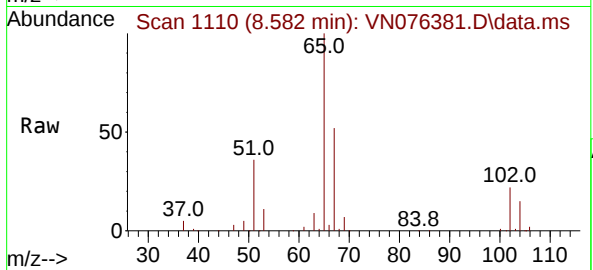




#33
 1,2-Dichloroethane-d4
 Concen: 50.646 ug/l
 RT: 8.582 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VN076381.D
 Acq: 24 Jan 2023 14:41

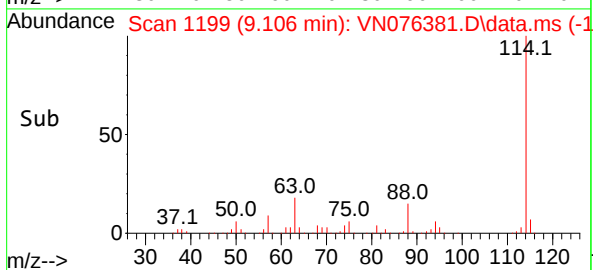
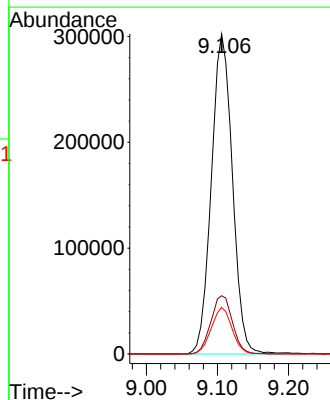
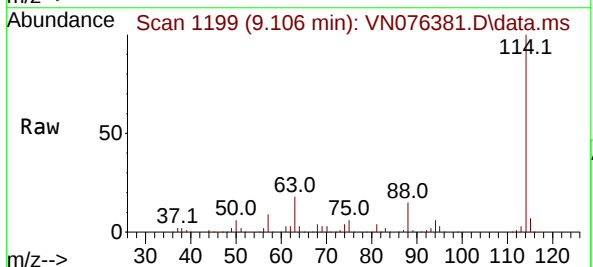
Instrument :
 MSVOA_N
 ClientSampleId :
 22-MW-4I

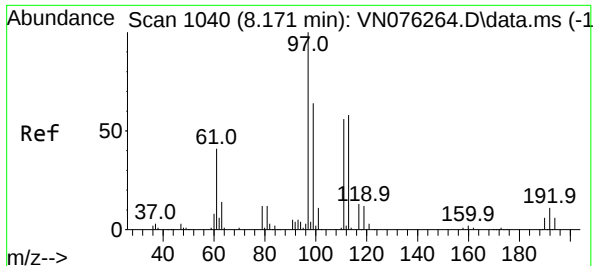
Tgt Ion: 65 Resp: 217675
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 104.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. -0.000 min
 Lab File: VN076381.D
 Acq: 24 Jan 2023 14:41

Tgt Ion: 114 Resp: 620713
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 35.8
 88 14.6 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.965 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076381.D

Acq: 24 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

22-MW-4I

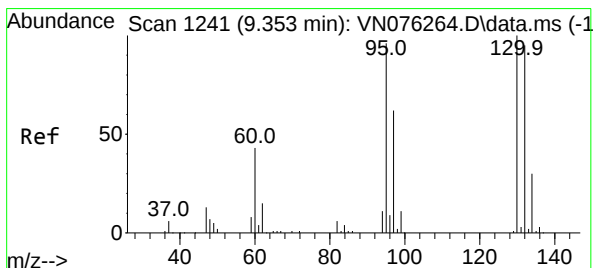
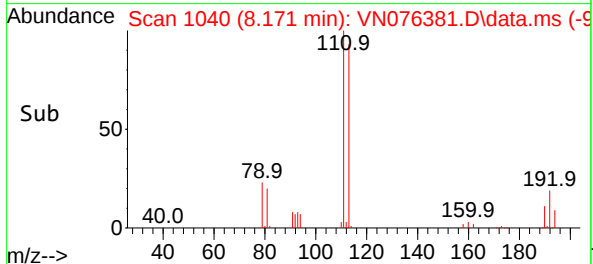
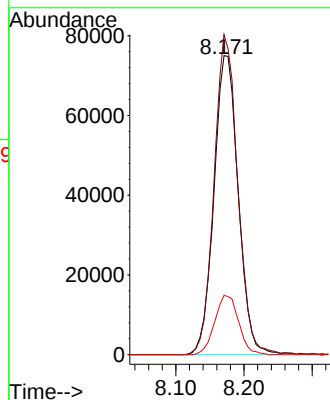
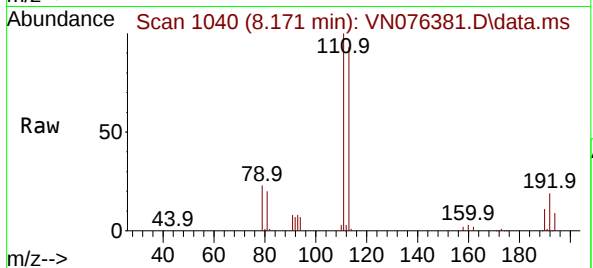
Tgt Ion:113 Resp: 186238

Ion Ratio Lower Upper

113 100

111 104.1 82.7 124.1

192 19.5 15.6 23.4



#44

Trichloroethene

Concen: 26.132 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VN076381.D

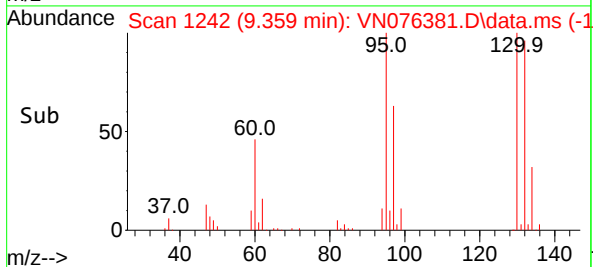
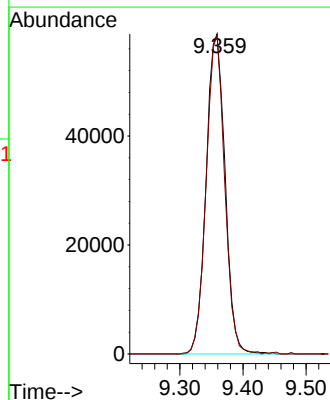
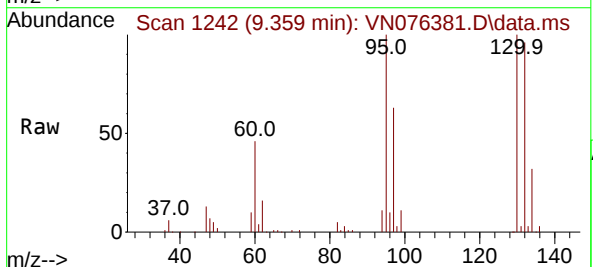
Acq: 24 Jan 2023 14:41

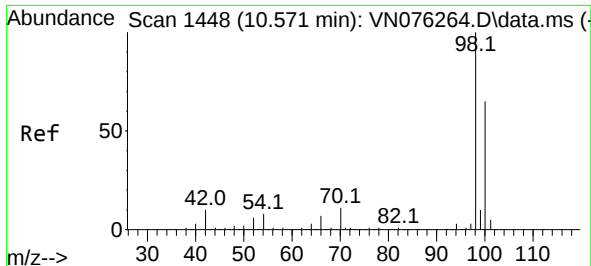
Tgt Ion:130 Resp: 121934

Ion Ratio Lower Upper

130 100

95 99.6 0.0 192.0

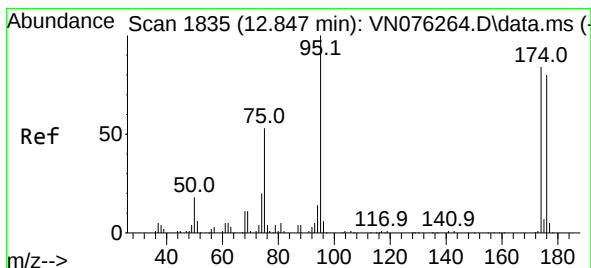
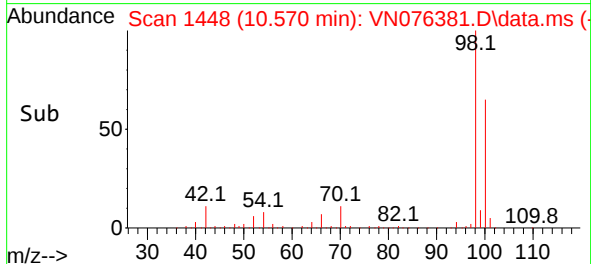
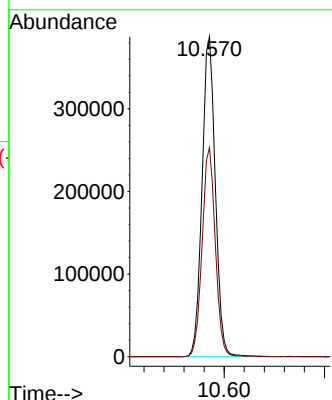
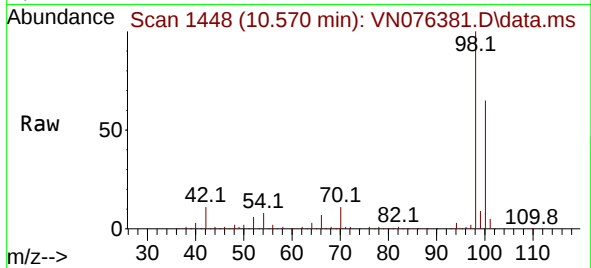




#50
Toluene-d8
Concen: 49.589 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.001 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

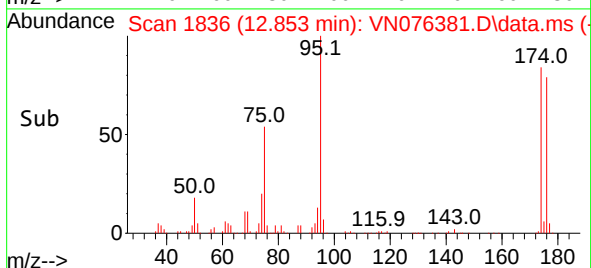
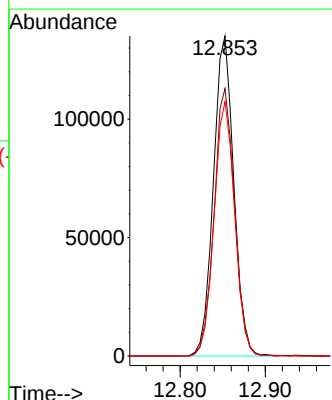
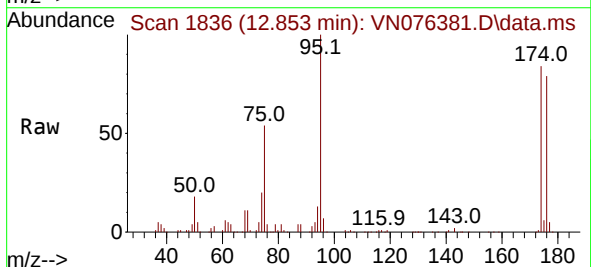
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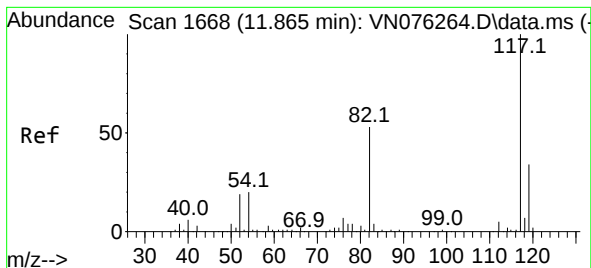
Tgt Ion: 98 Resp: 711088
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.852 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Tgt Ion: 95 Resp: 224007
Ion Ratio Lower Upper
95 100
174 84.2 0.0 174.6
176 80.2 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN076381.D

Acq: 24 Jan 2023 14:41

Instrument :

MSVOA_N

ClientSampleId :

22-MW-4I

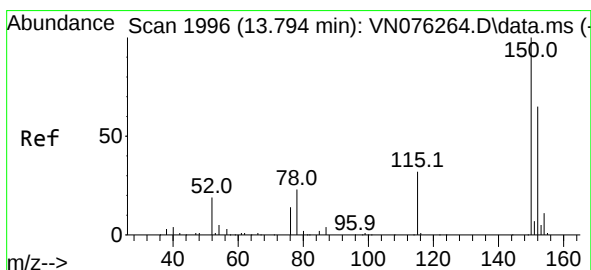
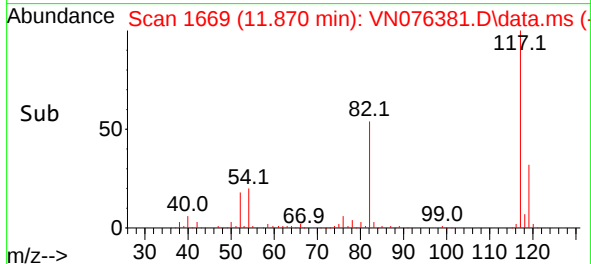
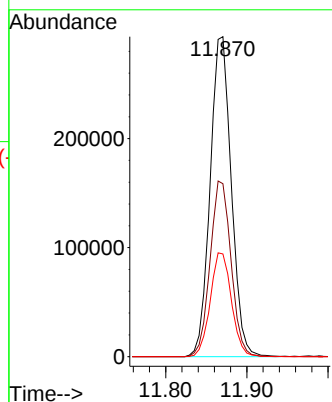
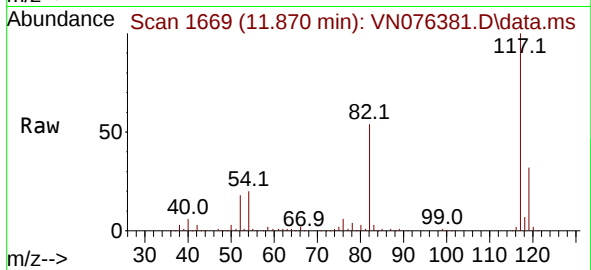
Tgt Ion:117 Resp: 530925

Ion Ratio Lower Upper

117 100

82 54.1 42.2 63.2

119 32.1 26.9 40.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076381.D

Acq: 24 Jan 2023 14:41

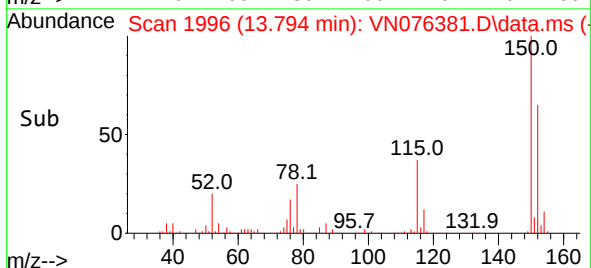
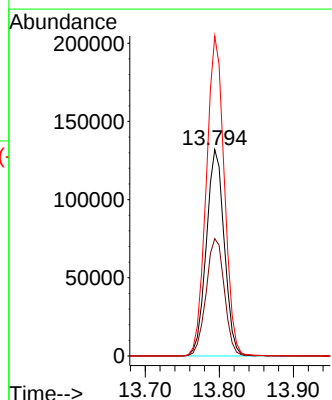
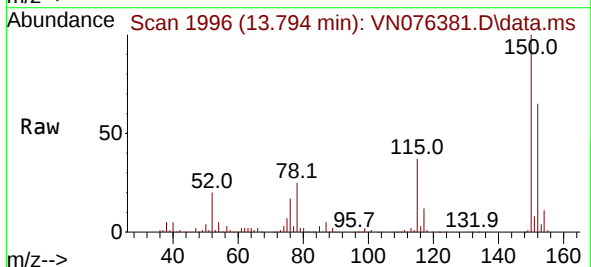
Tgt Ion:152 Resp: 222241

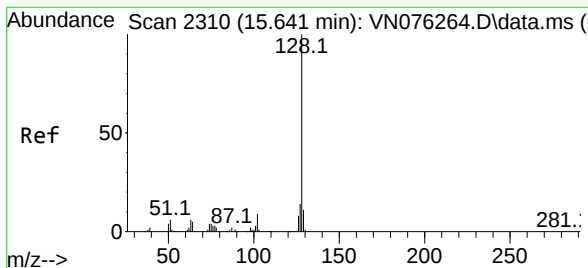
Ion Ratio Lower Upper

152 100

115 57.8 29.6 88.9

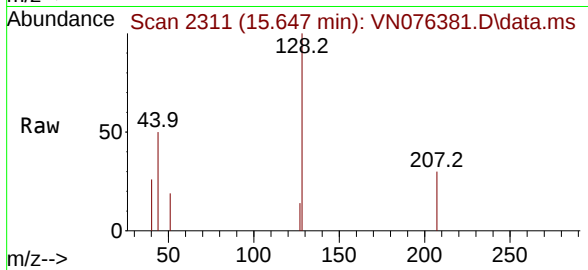
150 155.2 0.0 351.4





#95
Naphthalene
Concen: 1.990 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076381.D
Acq: 24 Jan 2023 14:41

Instrument :
MSVOA_N
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22-MW-4I



Tgt Ion:128 Resp: 1808
Ion Ratio Lower Upper
128 100
127 2.9 10.3 15.5#
129 3.1 8.6 13.0#

