

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010323\
 Data File : VN076063.D
 Acq On : 03 Jan 2023 15:02
 Operator : JC\MD
 Sample : N6232-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Jan 04 04:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

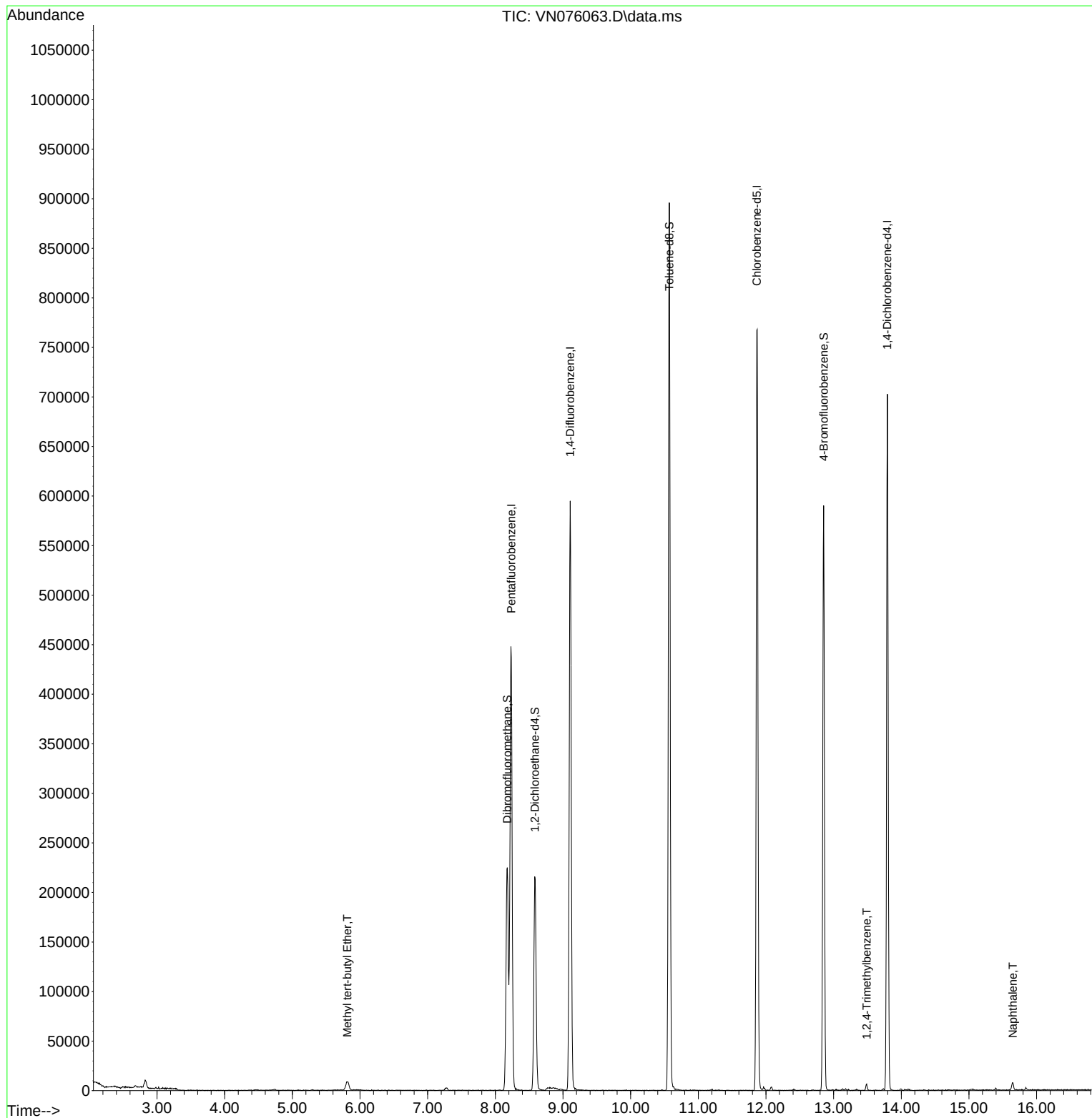
Internal Standards						
1) Pentafluorobenzene	8.235	168	352750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	551241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	486322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	199821	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	179485	46.770	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.540%
35) Dibromofluoromethane	8.177	113	163765	47.972	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.940%
50) Toluene-d8	10.571	98	635398	49.782	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.560%
62) 4-Bromofluorobenzene	12.853	95	196251	46.423	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.840%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.812	73	16009	1.555	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	4332	0.361	ug/l	98
95) Naphthalene	15.647	128	8650	2.938	ug/l	96

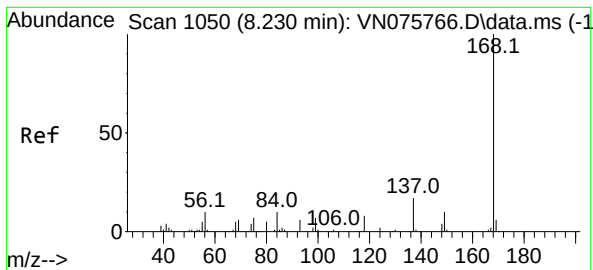
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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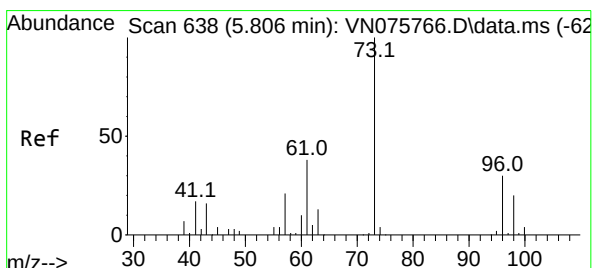
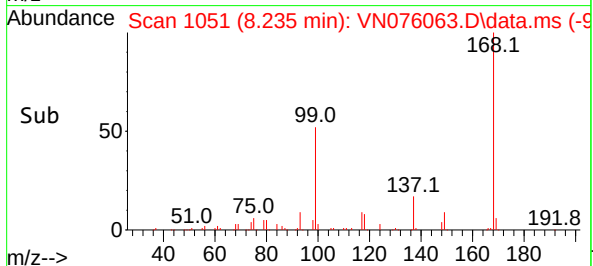
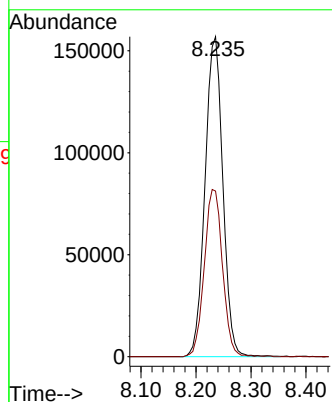
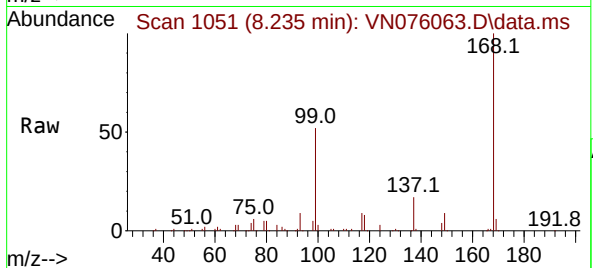




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076063.D
Acq: 03 Jan 2023 15:02

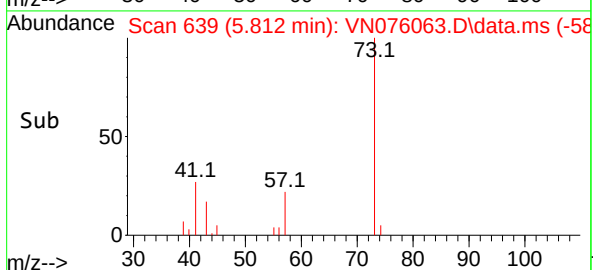
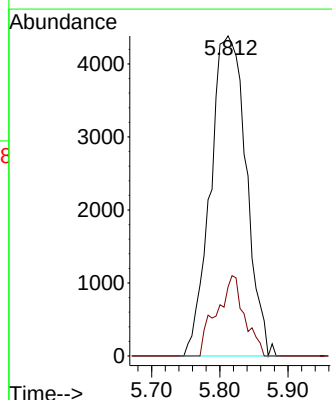
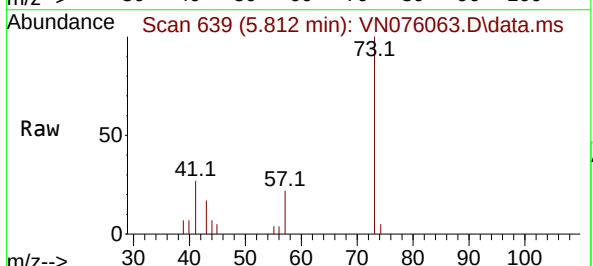
Instrument :
MSVOA_N
ClientSampleId :
MW-11

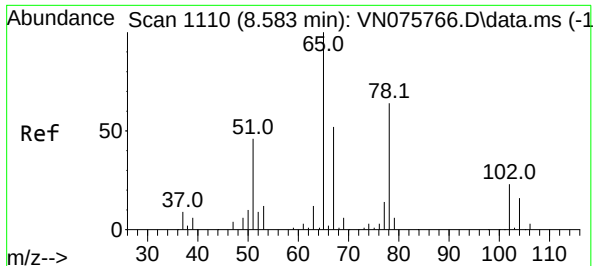
Tgt Ion:168 Resp: 352750
Ion Ratio Lower Upper
168 100
99 51.7 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 1.555 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076063.D
Acq: 03 Jan 2023 15:02

Tgt Ion: 73 Resp: 16009
Ion Ratio Lower Upper
73 100
57 21.6 17.1 25.7





#33

1,2-Dichloroethane-d4

Concen: 46.770 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076063.D

Acq: 03 Jan 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

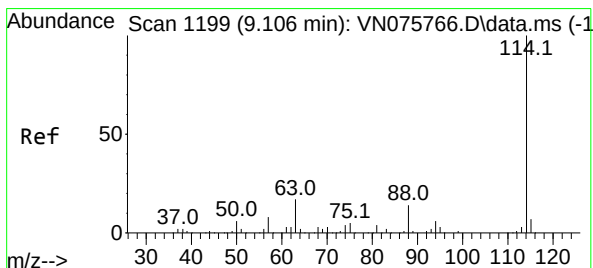
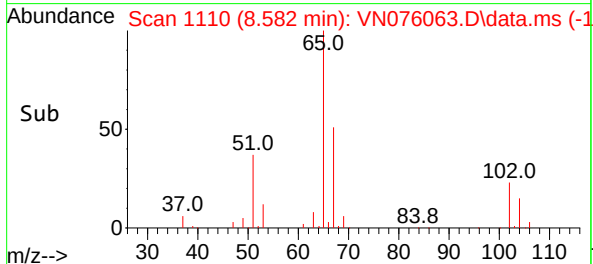
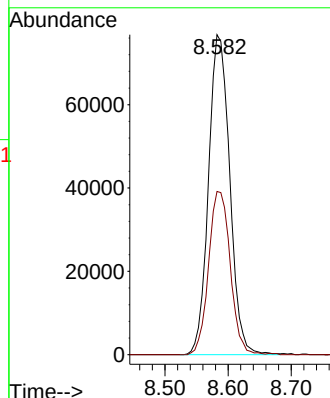
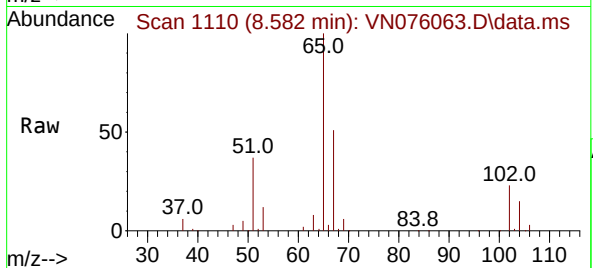
MW-11

Tgt Ion: 65 Resp: 179485

Ion Ratio Lower Upper

65 100

67 52.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076063.D

Acq: 03 Jan 2023 15:02

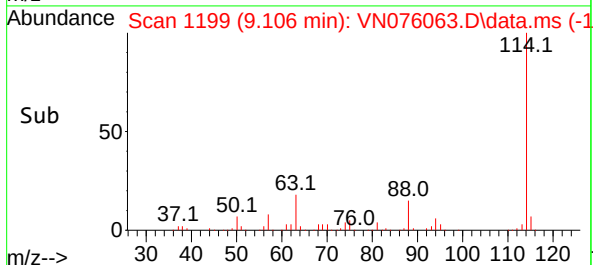
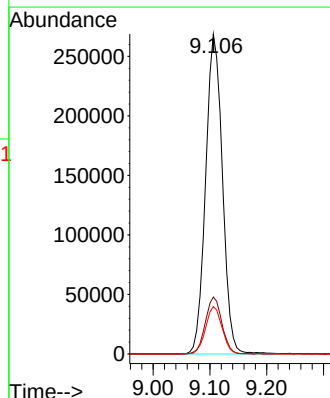
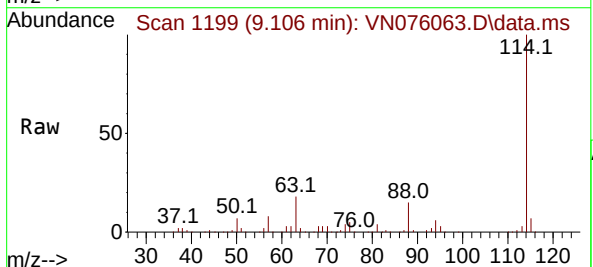
Tgt Ion: 114 Resp: 551241

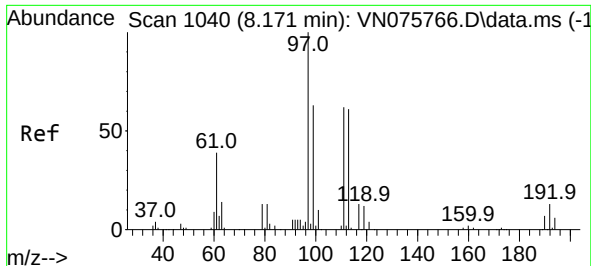
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.972 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076063.D

Acq: 03 Jan 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

MW-11

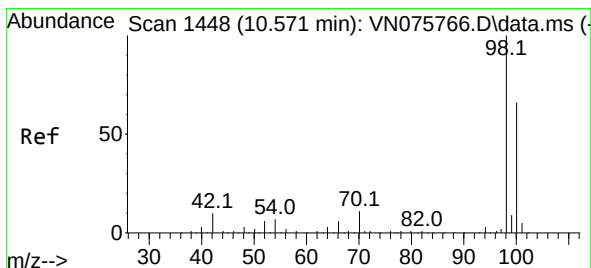
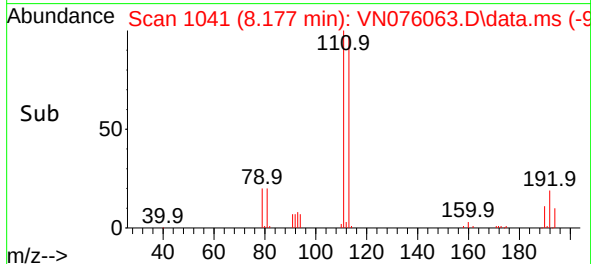
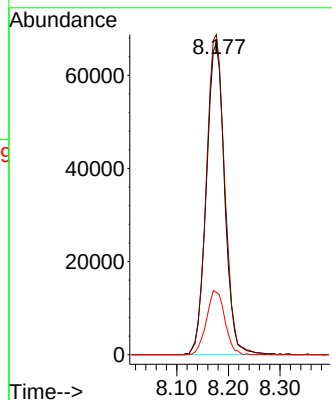
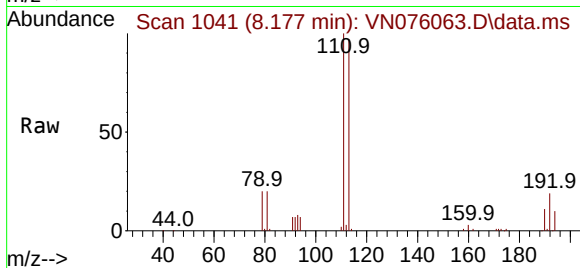
Tgt Ion:113 Resp: 163765

Ion Ratio Lower Upper

113 100

111 103.1 83.4 125.2

192 20.8 16.1 24.1



#50

Toluene-d8

Concen: 49.782 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076063.D

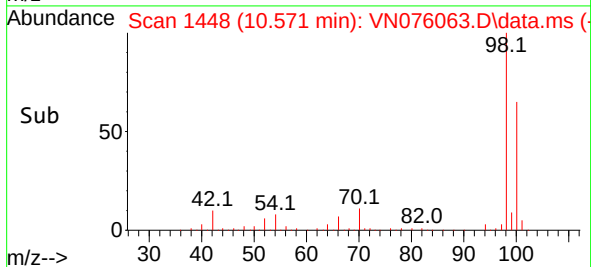
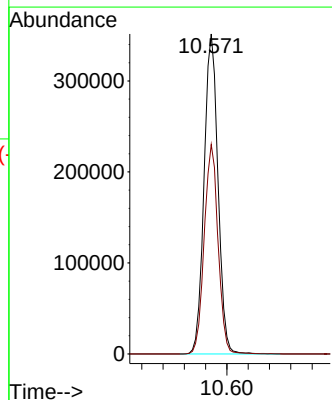
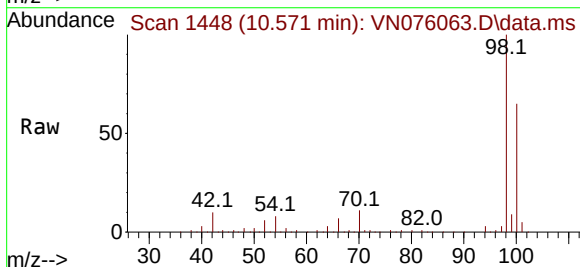
Acq: 03 Jan 2023 15:02

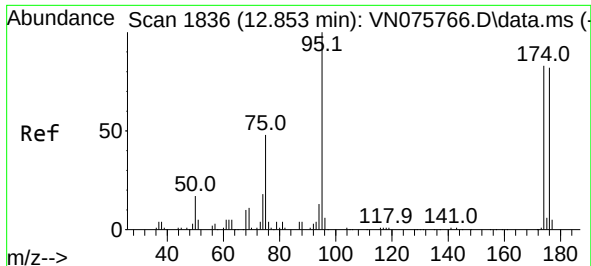
Tgt Ion: 98 Resp: 635398

Ion Ratio Lower Upper

98 100

100 65.2 52.1 78.1

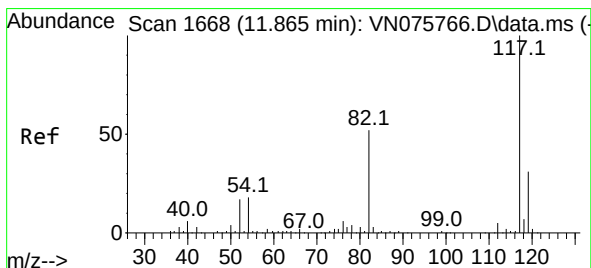
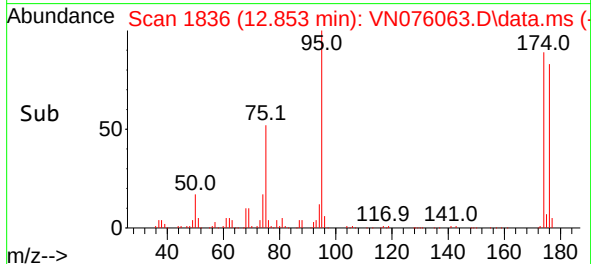
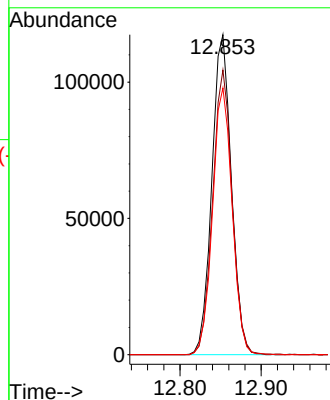
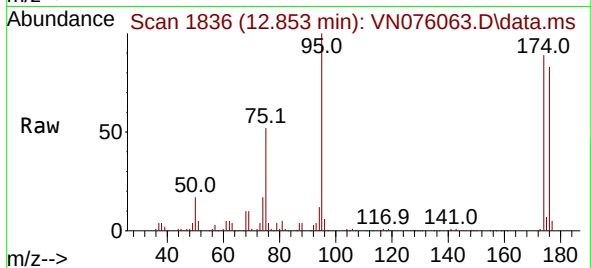




#62
4-Bromofluorobenzene
Concen: 46.423 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076063.D
Acq: 03 Jan 2023 15:02

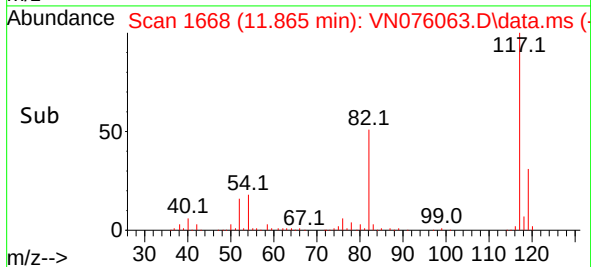
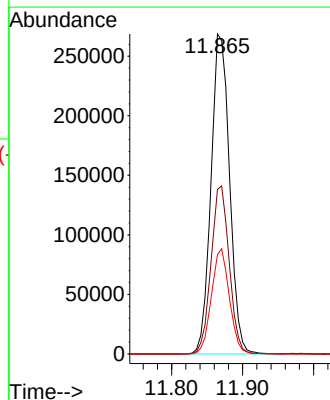
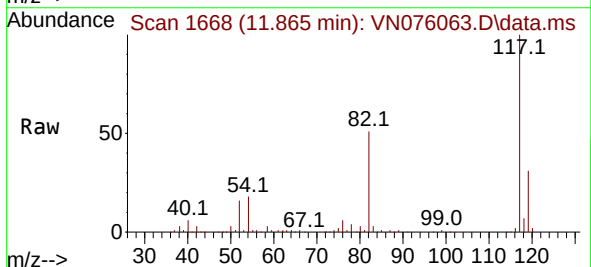
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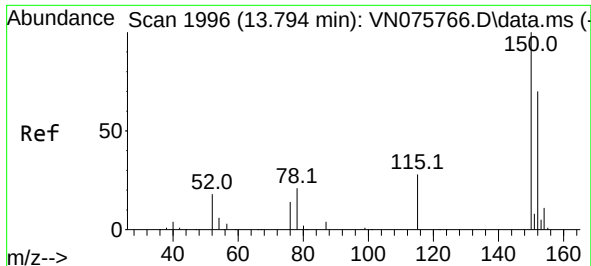
Tgt Ion: 95 Resp: 196251
Ion Ratio Lower Upper
95 100
174 88.8 0.0 171.6
176 83.8 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076063.D
Acq: 03 Jan 2023 15:02

Tgt Ion: 117 Resp: 486322
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 31.1 24.6 37.0

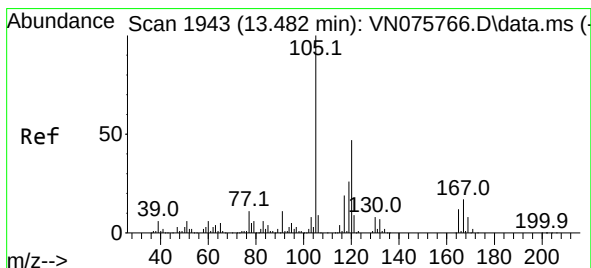
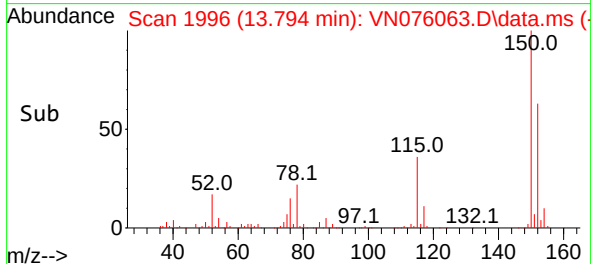
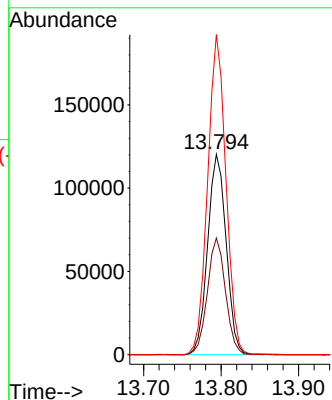
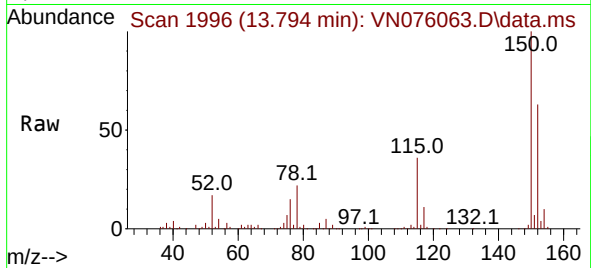




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076063.D
 Acq: 03 Jan 2023 15:02

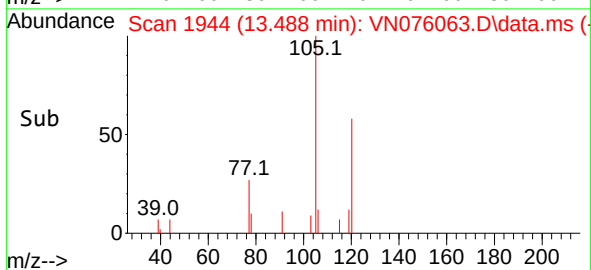
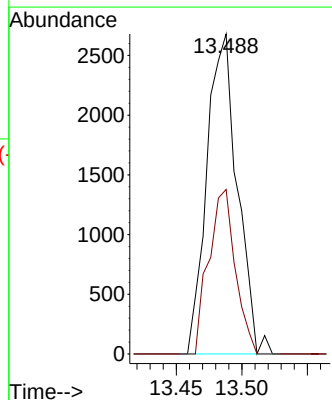
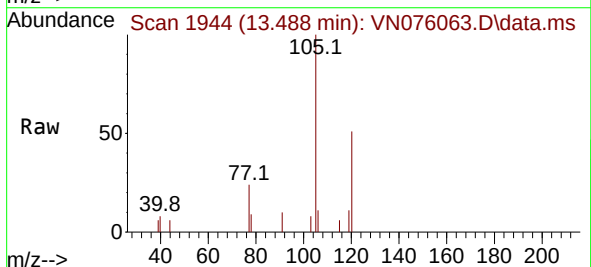
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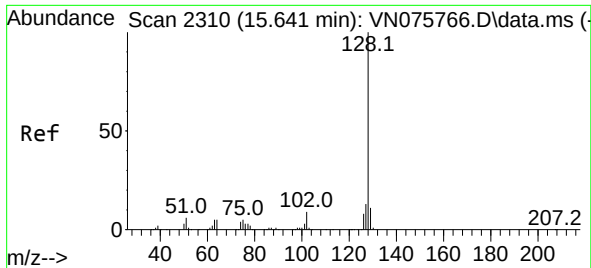
Tgt Ion:152 Resp: 199821
 Ion Ratio Lower Upper
 152 100
 115 56.9 29.1 87.4
 150 157.4 0.0 347.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.361 ug/l
 RT: 13.488 min Scan# 1944
 Delta R.T. 0.006 min
 Lab File: VN076063.D
 Acq: 03 Jan 2023 15:02

Tgt Ion:105 Resp: 4332
 Ion Ratio Lower Upper
 105 100
 120 44.9 23.3 69.8





#95
Naphthalene
Concen: 2.938 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN076063.D
Acq: 03 Jan 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:128 Resp: 8650
Ion Ratio Lower Upper
128 100
127 11.5 10.4 15.6
129 9.6 8.7 13.1

