

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092823\
 Data File : VN079369.D
 Acq On : 28 Sep 2023 13:16
 Operator : JC\MD
 Sample : 04613-05 500X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1034

Quant Time: Sep 29 04:34:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

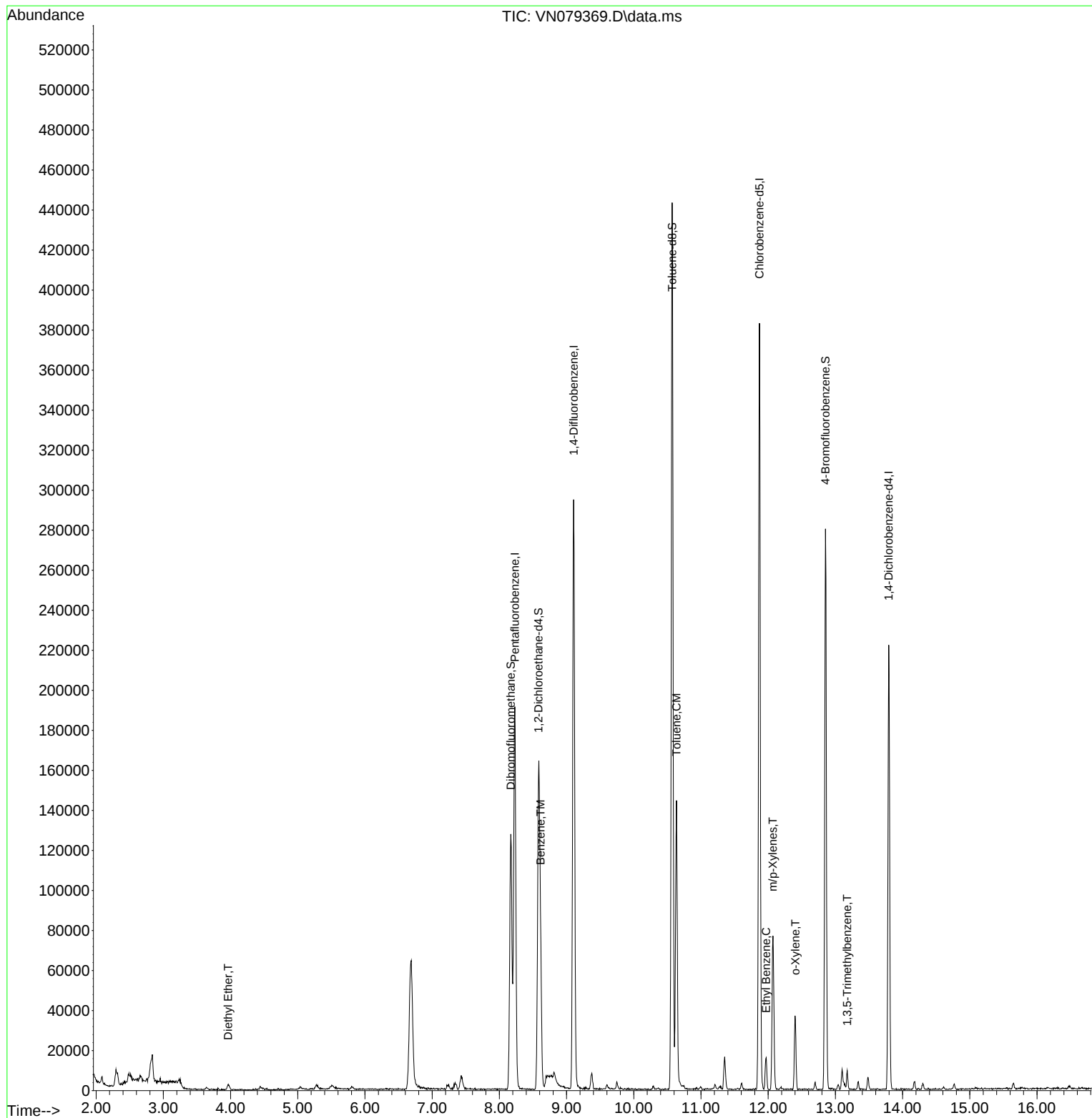
Internal Standards						
1) Pentafluorobenzene	8.230	168	133341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	215792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	57391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	117848	65.472	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 130.940%#	
35) Dibromofluoromethane	8.171	113	92244	56.133	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.260%	
50) Toluene-d8	10.571	98	298078	49.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.800%	
62) 4-Bromofluorobenzene	12.853	95	92384	47.998	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 96.000%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.965	74	1317	1.373	ug/l #	31
40) Benzene	8.612	78	67984	8.768	ug/l	91
52) Toluene	10.635	92	58456	12.267	ug/l	94
67) Ethyl Benzene	11.971	91	11888	1.422	ug/l	95
68) m/p-Xylenes	12.070	106	24403	7.830	ug/l	95
69) o-Xylene	12.406	106	9616	3.217	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	4618	1.061	ug/l	100

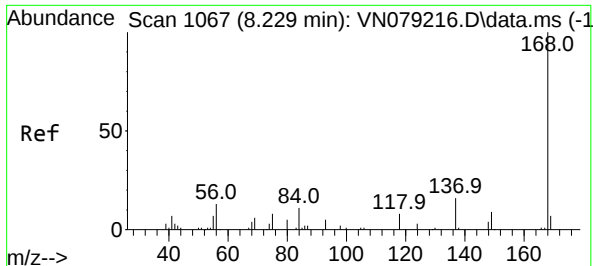
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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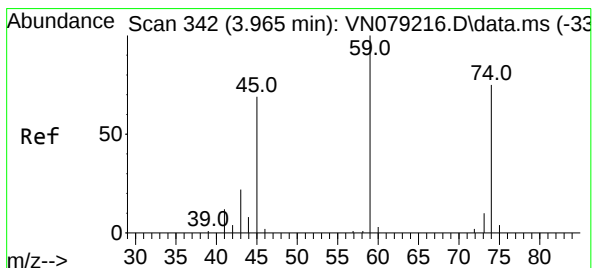
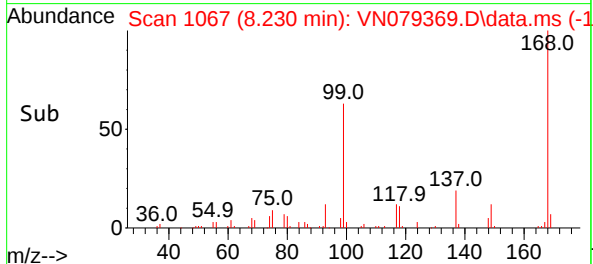
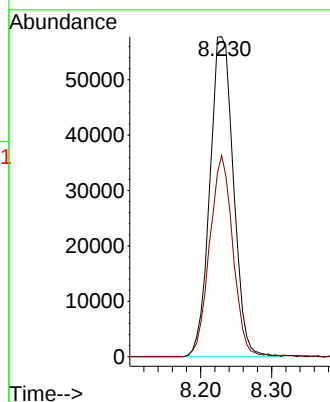
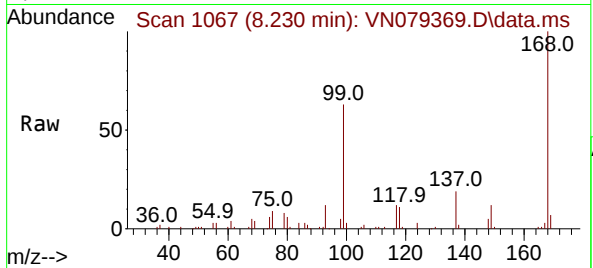




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

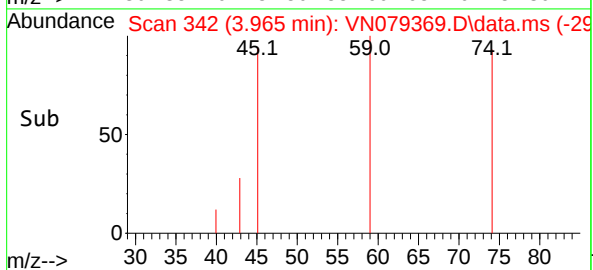
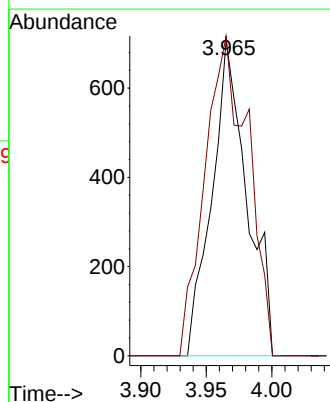
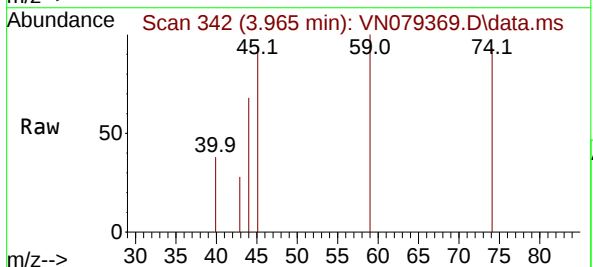
Instrument :
MSVOA_N
ClientSampleId :
1034

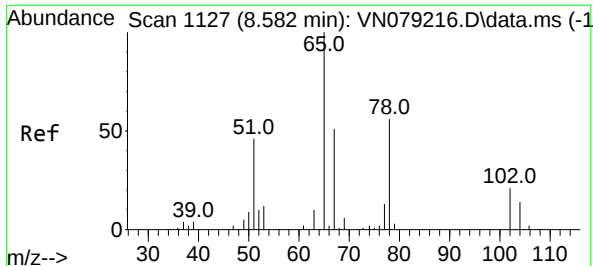
Tgt Ion:168 Resp: 133341
Ion Ratio Lower Upper
168 100
99 62.9 53.0 79.6



#8
Diethyl Ether
Concen: 1.373 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

Tgt Ion: 74 Resp: 1317
Ion Ratio Lower Upper
74 100
45 124.8 34.4 103.3#





#33

1,2-Dichloroethane-d4

Concen: 65.472 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079369.D

Acq: 28 Sep 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

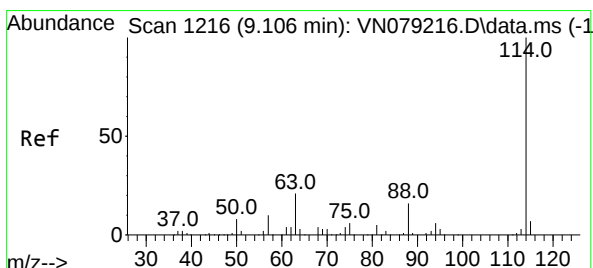
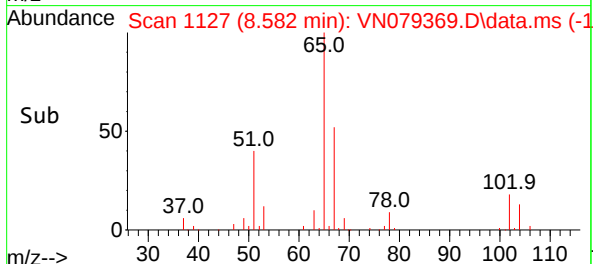
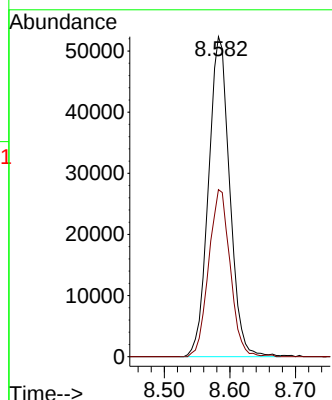
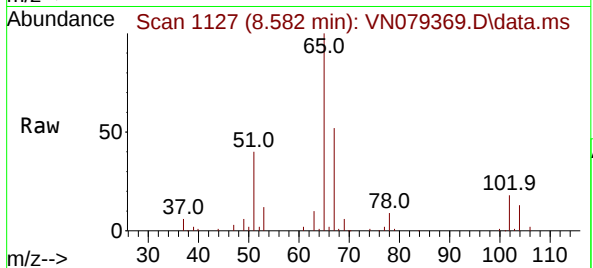
1034

Tgt Ion: 65 Resp: 117848

Ion Ratio Lower Upper

65 100

67 52.5 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079369.D

Acq: 28 Sep 2023 13:16

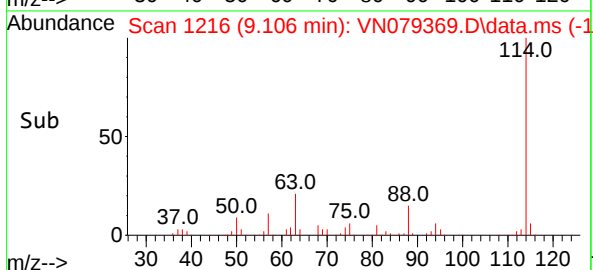
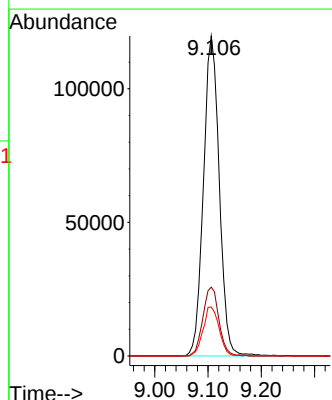
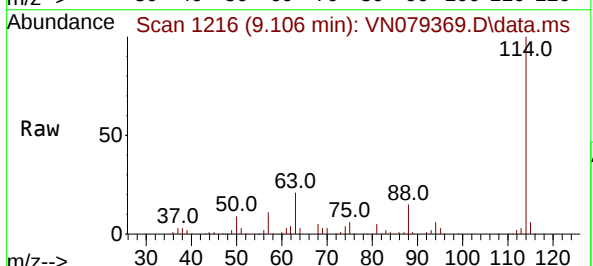
Tgt Ion: 114 Resp: 247049

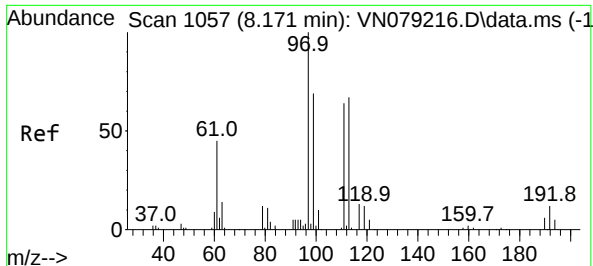
Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 56.133 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079369.D

Acq: 28 Sep 2023 13:16

Instrument :

MSVOA_N

ClientSampleId :

1034

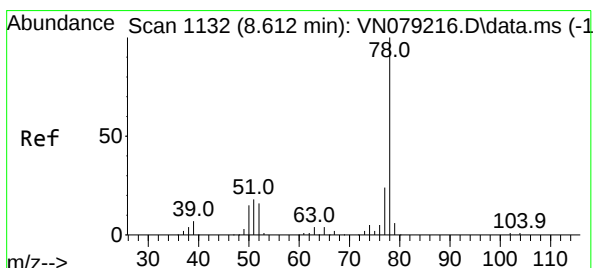
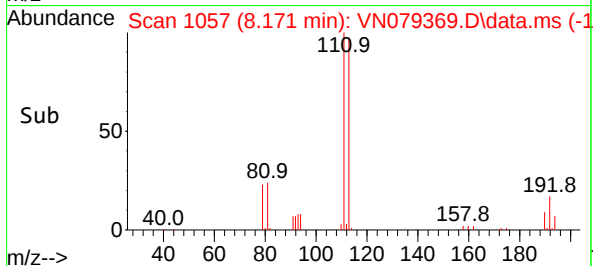
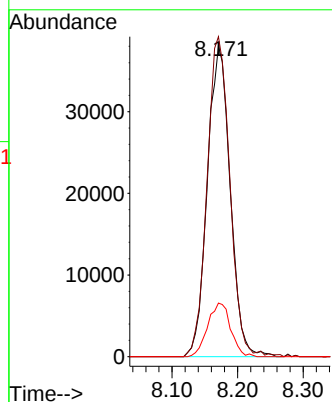
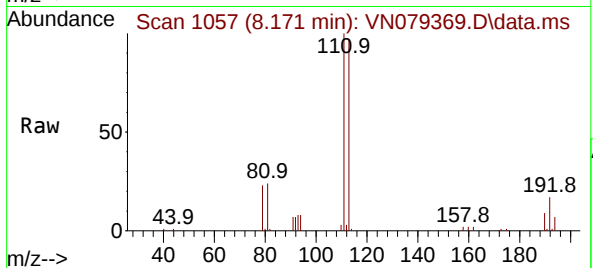
Tgt Ion:113 Resp: 92244

Ion Ratio Lower Upper

113 100

111 102.6 82.6 123.8

192 17.3 12.7 19.1



#40

Benzene

Concen: 8.768 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079369.D

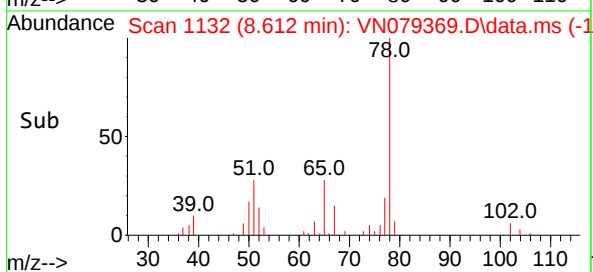
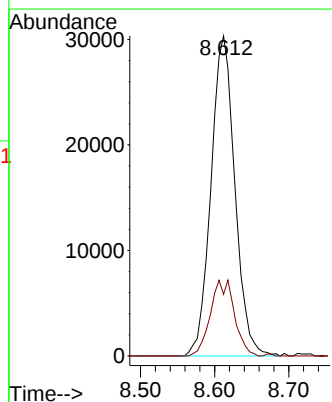
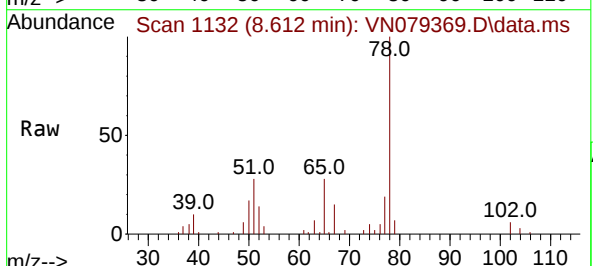
Acq: 28 Sep 2023 13:16

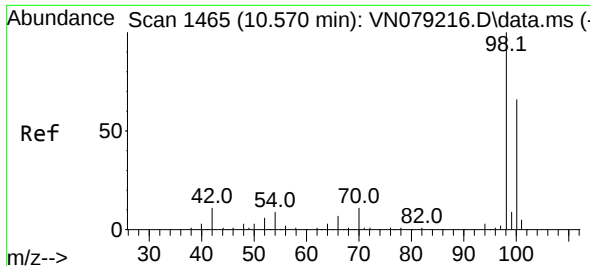
Tgt Ion: 78 Resp: 67984

Ion Ratio Lower Upper

78 100

77 19.2 19.0 28.6

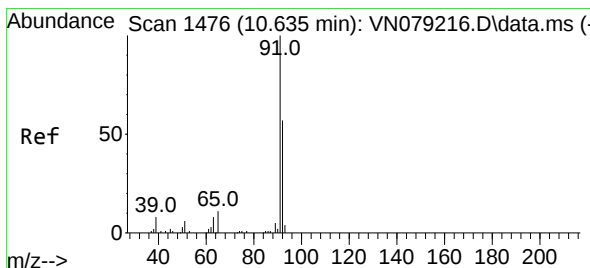
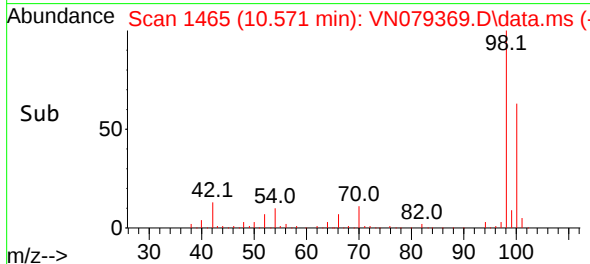
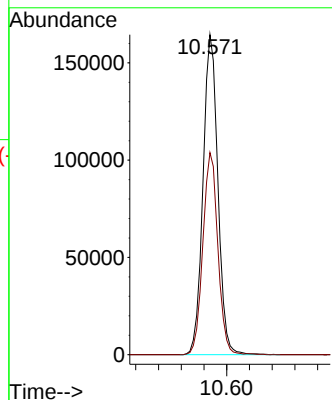
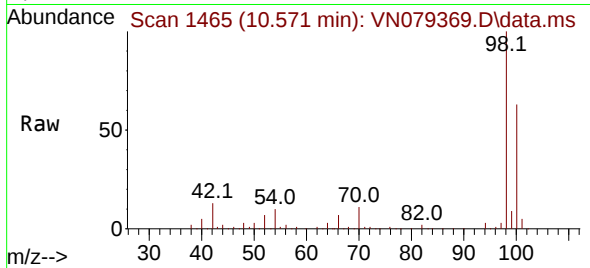




#50
Toluene-d8
Concen: 49.399 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

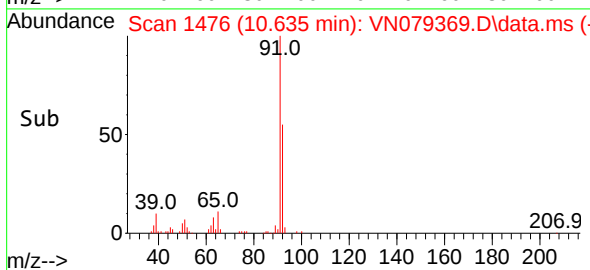
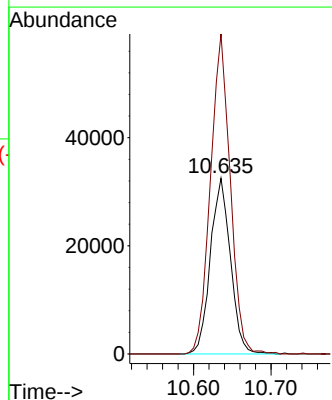
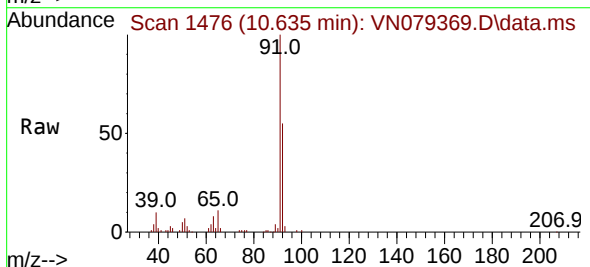
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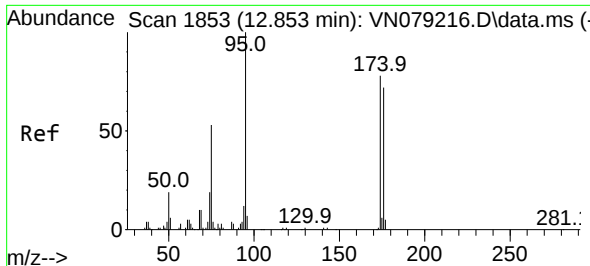
Tgt Ion: 98 Resp: 298078
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#52
Toluene
Concen: 12.267 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

Tgt Ion: 92 Resp: 58456
Ion Ratio Lower Upper
92 100
91 179.9 137.4 206.0

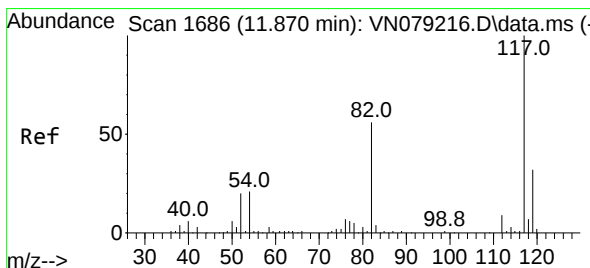
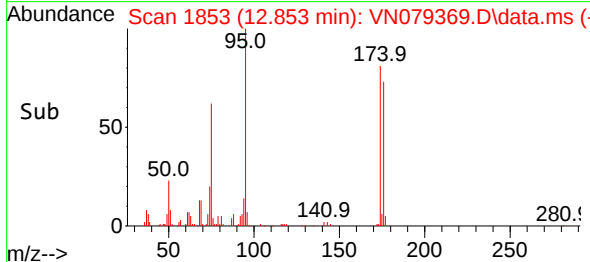
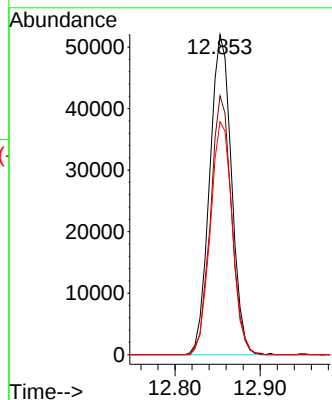
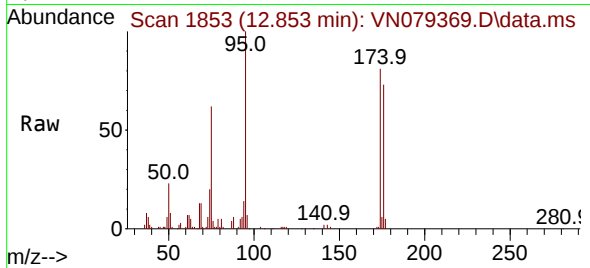




#62
4-Bromofluorobenzene
Concen: 47.998 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

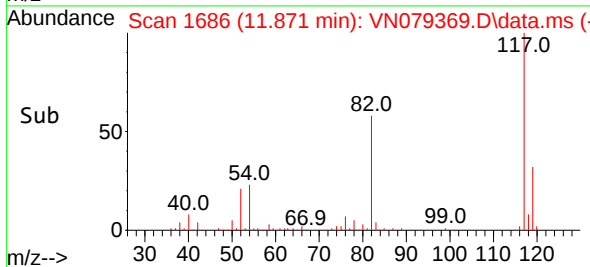
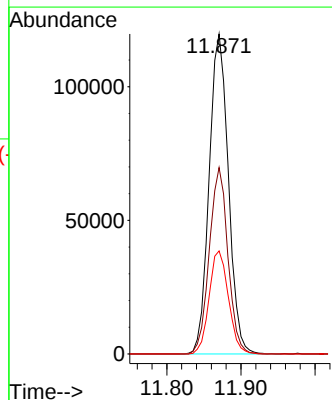
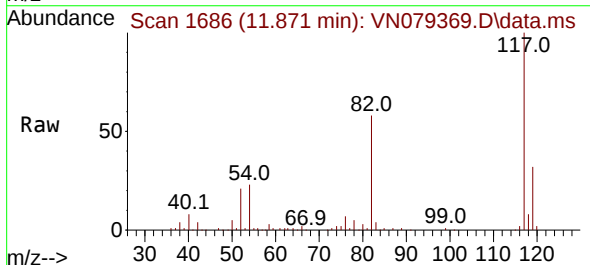
Instrument :
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ClientSampleId :
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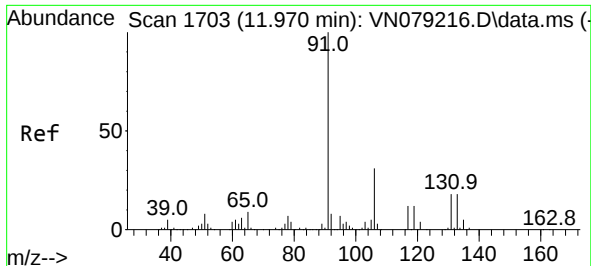
Tgt Ion:	95	Resp:	92384
Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	143.8
176	73.0	0.0	135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

Tgt Ion:	117	Resp:	215792
Ion	Ratio	Lower	Upper
117	100		
82	58.3	44.0	66.0
119	32.2	25.6	38.4

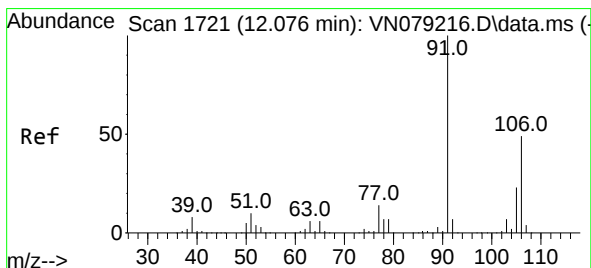
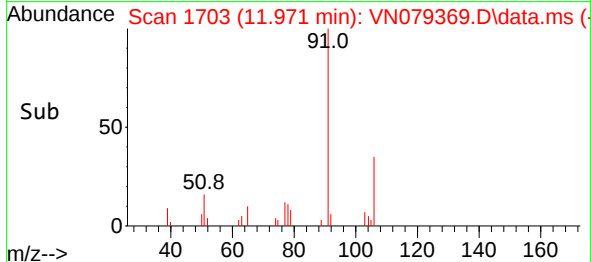
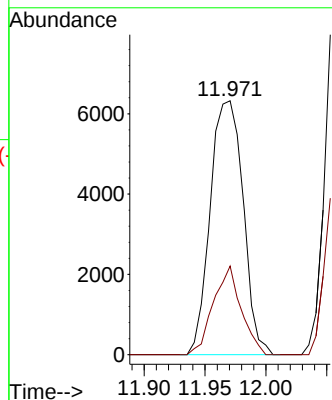
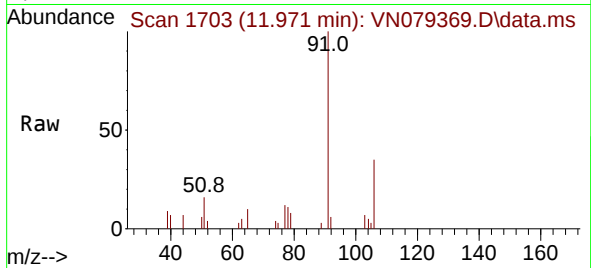




#67
Ethyl Benzene
Concen: 1.422 ug/l
RT: 11.971 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

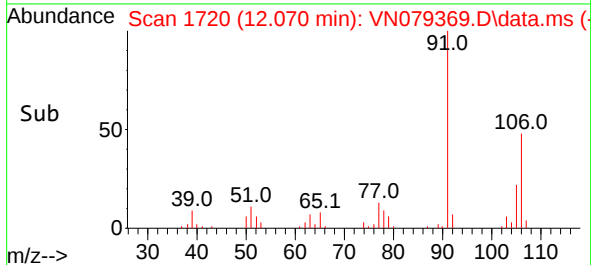
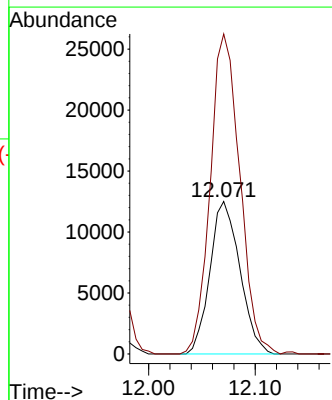
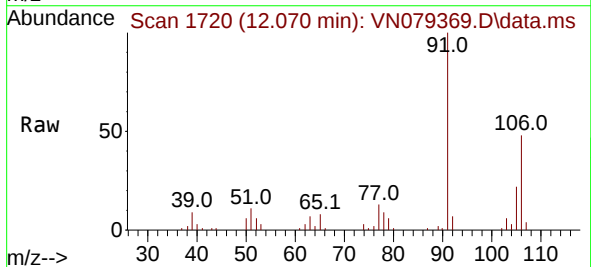
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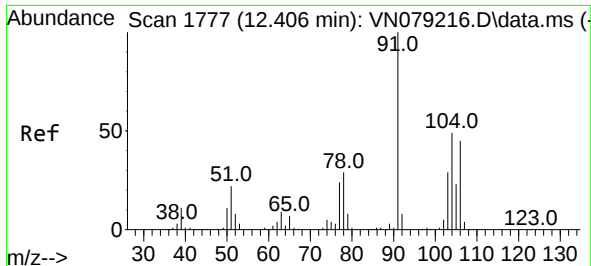
Tgt Ion: 91 Resp: 11888
Ion Ratio Lower Upper
91 100
106 34.9 25.6 38.4



#68
m/p-Xylenes
Concen: 7.830 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.006 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

Tgt Ion: 106 Resp: 24403
Ion Ratio Lower Upper
106 100
91 207.4 159.6 239.4

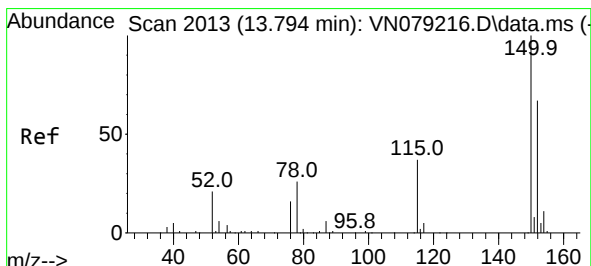
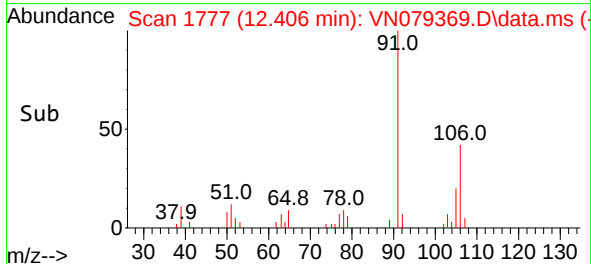
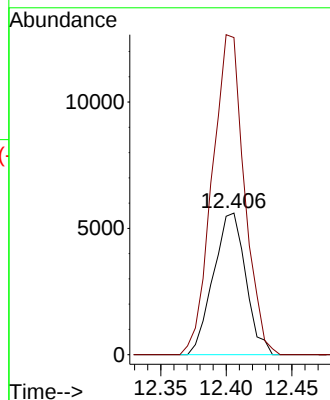
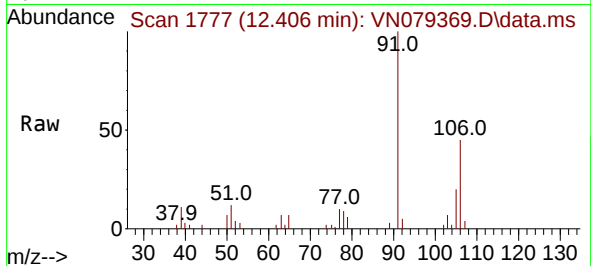




#69
o-Xylene
Concen: 3.217 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

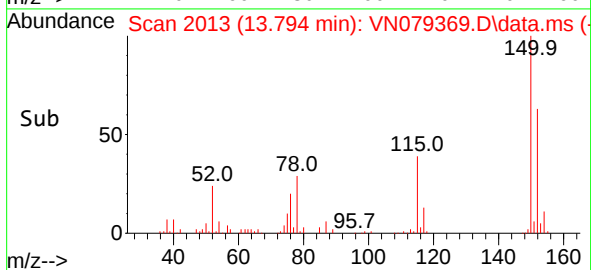
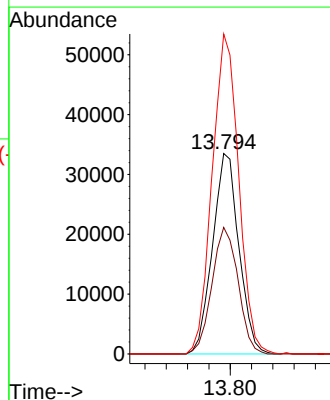
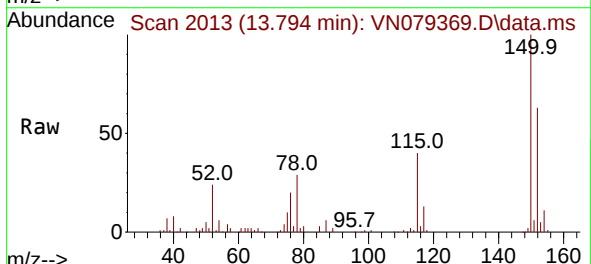
Instrument :
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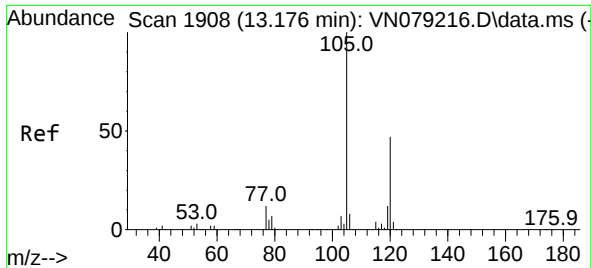
Tgt Ion:106 Resp: 9616
Ion Ratio Lower Upper
106 100
91 224.8 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079369.D
Acq: 28 Sep 2023 13:16

Tgt Ion:152 Resp: 57391
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 160.9 0.0 355.8





#80
 1,3,5-Trimethylbenzene
 Concen: 1.061 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. 0.000 min
 Lab File: VN079369.D
 Acq: 28 Sep 2023 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 1034

Tgt Ion:105 Resp: 4618
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.1 72.3

