

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079972.D
 Acq On : 07 Nov 2023 18:10
 Operator : JC\MD
 Sample : 05107-28 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1075

Quant Time: Nov 08 04:32:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

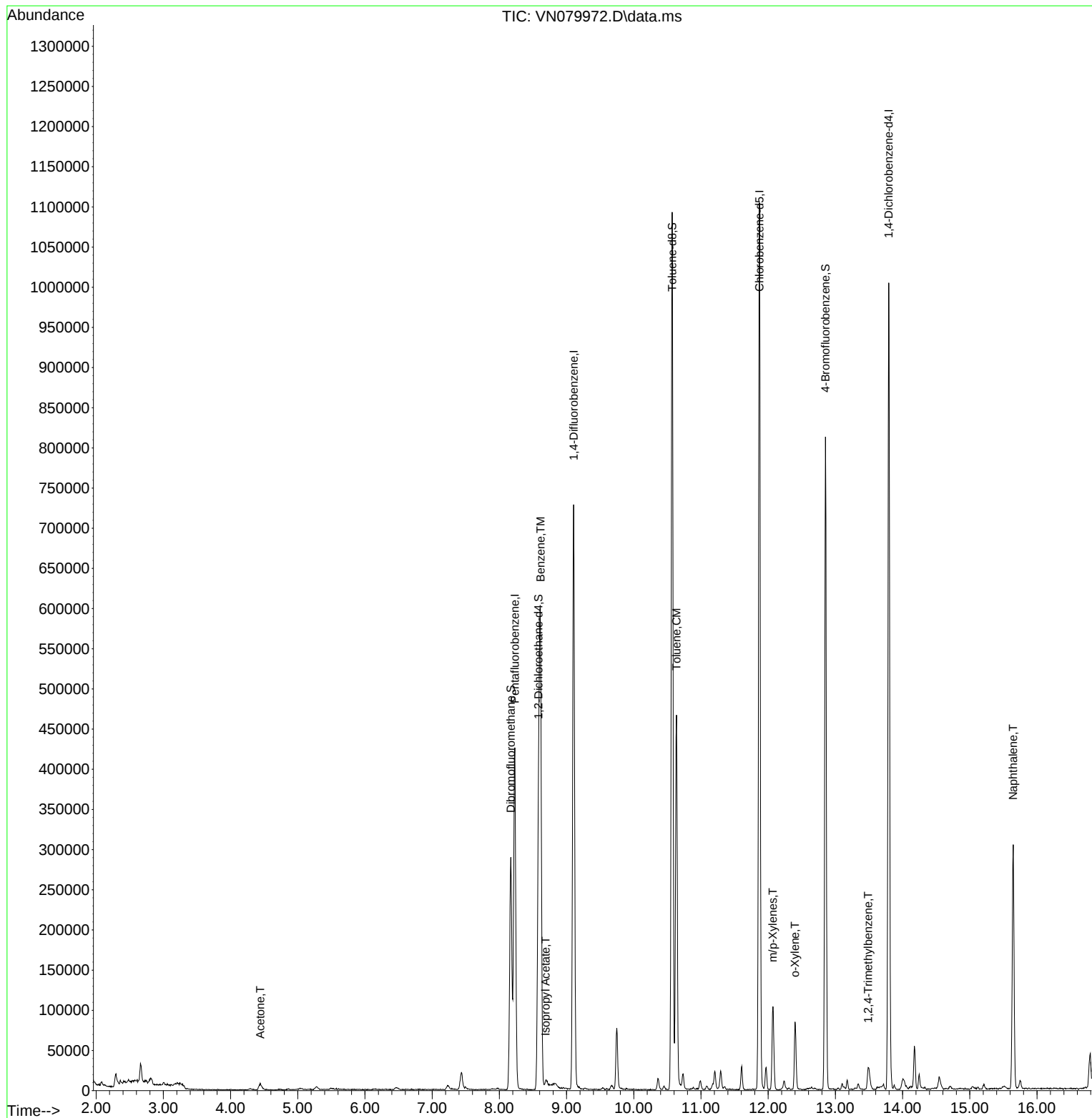
Internal Standards						
1) Pentafluorobenzene	8.230	168	298763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	598573	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	620192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	263306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245839	54.010	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.020%		
35) Dibromofluoromethane	8.171	113	206187	48.670	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.340%		
50) Toluene-d8	10.571	98	726788	46.601	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 93.200%		
62) 4-Bromofluorobenzene	12.853	95	270906	52.375	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 104.760%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	15116	9.454	ug/l	89
40) Benzene	8.612	78	543092	29.976	ug/l	100
43) Isopropyl Acetate	8.688	43	14195	1.459	ug/l #	76
52) Toluene	10.635	92	200818	18.697	ug/l	97
68) m/p-Xylenes	12.070	106	31901	3.654	ug/l	94
69) o-Xylene	12.400	106	21159	2.517	ug/l	87
84) 1,2,4-Trimethylbenzene	13.488	105	18057	1.180	ug/l	78
95) Naphthalene	15.647	128	272012	19.634	ug/l	99

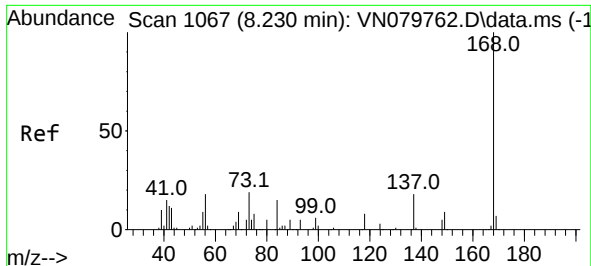
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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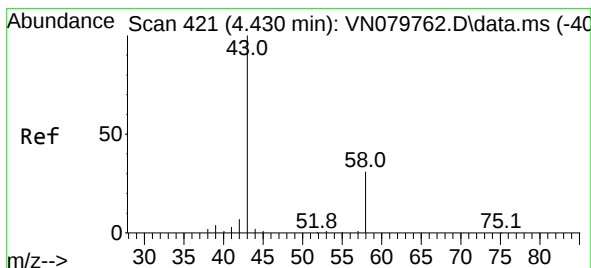
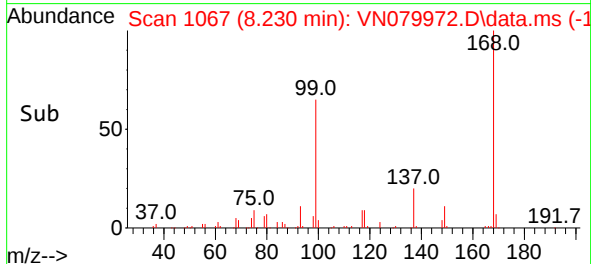
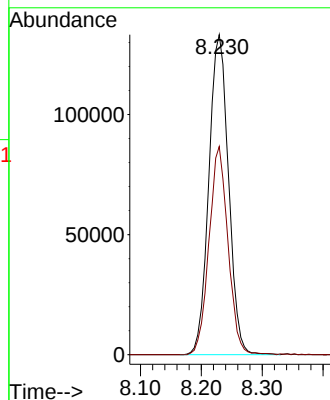
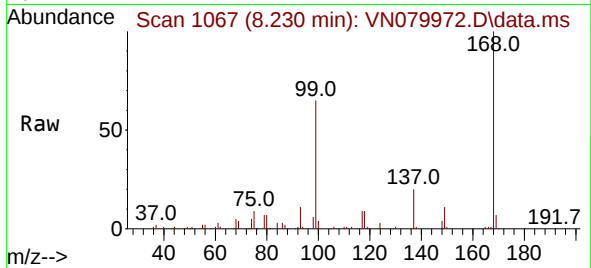




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

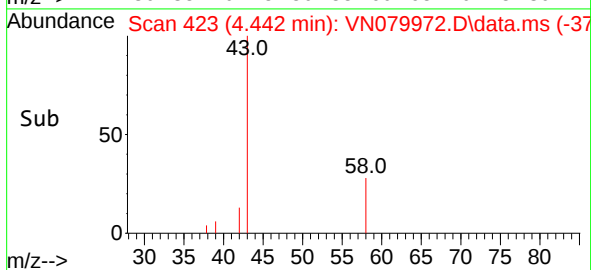
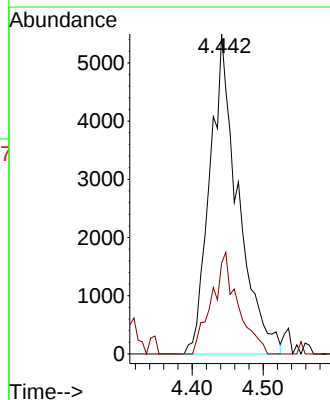
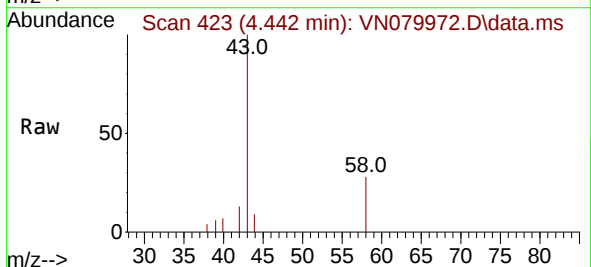
Instrument :
MSVOA_N
ClientSampleId :
1075

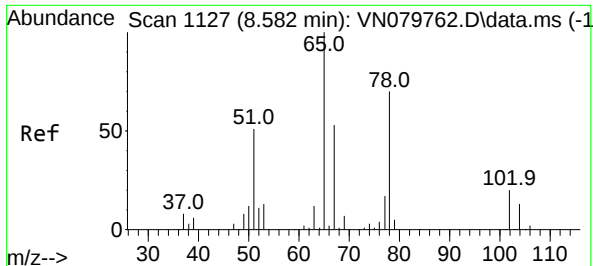
Tgt Ion:168 Resp: 298763
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#16
Acetone
Concen: 9.454 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

Tgt Ion: 43 Resp: 15116
Ion Ratio Lower Upper
43 100
58 28.4 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 54.010 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079972.D

Acq: 07 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

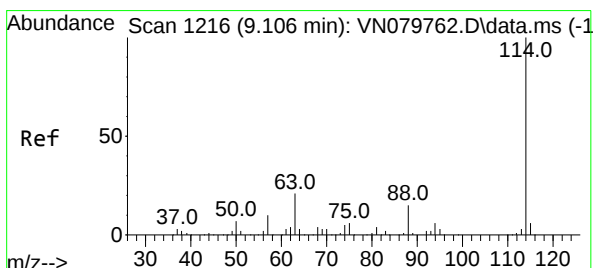
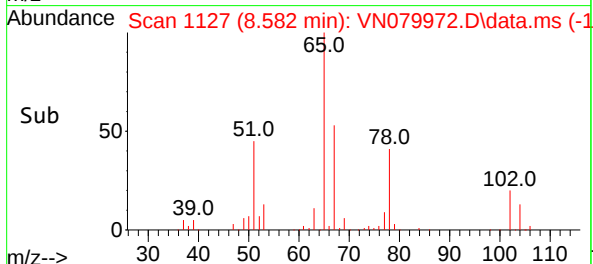
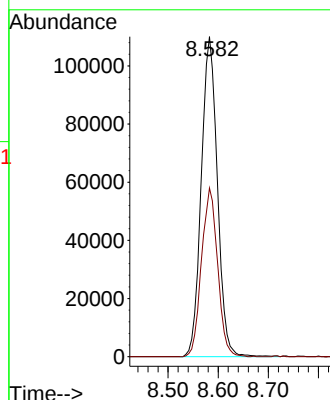
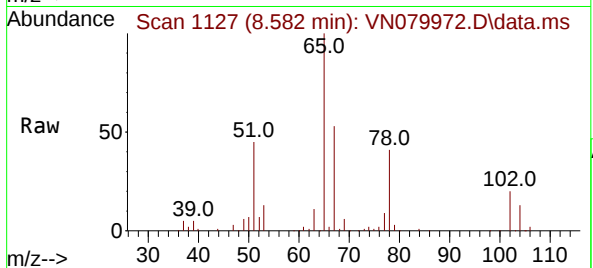
1075

Tgt Ion: 65 Resp: 245839

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN079972.D

Acq: 07 Nov 2023 18:10

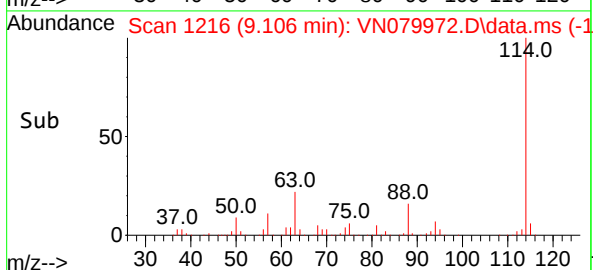
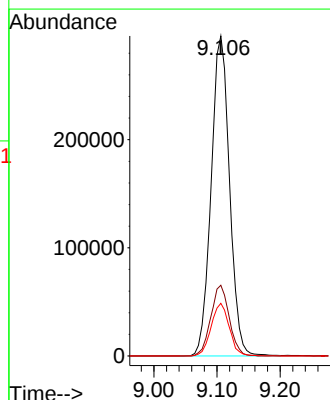
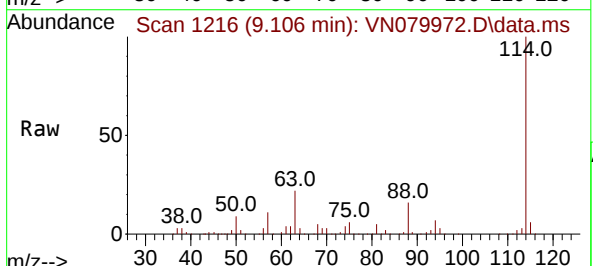
Tgt Ion: 114 Resp: 598573

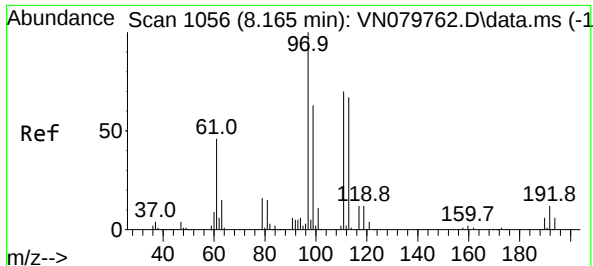
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.670 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079972.D

Acq: 07 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

1075

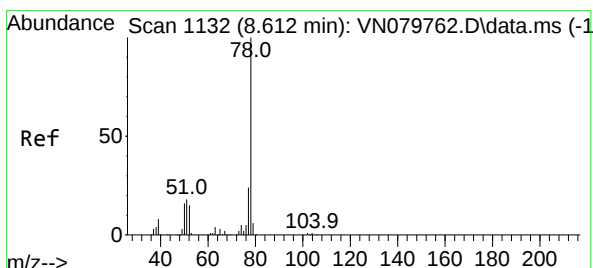
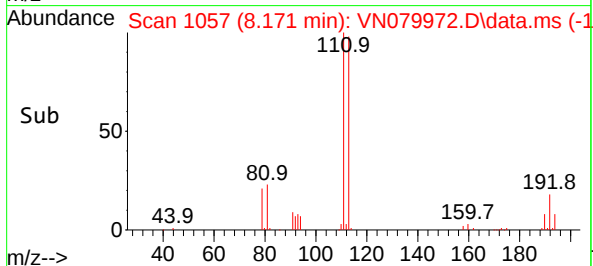
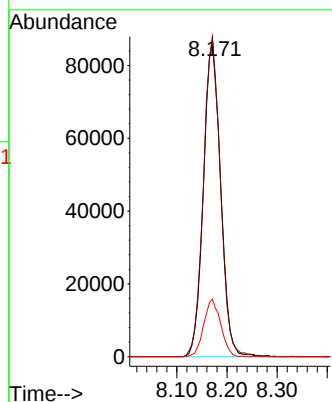
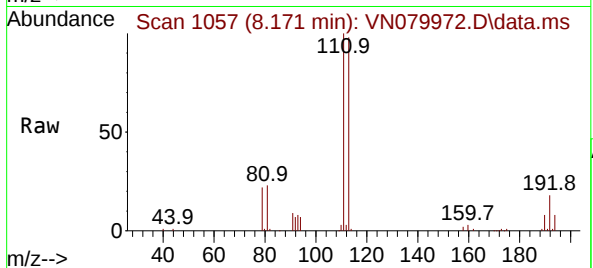
Tgt Ion:113 Resp: 206187

Ion Ratio Lower Upper

113 100

111 100.8 82.6 123.8

192 17.9 12.7 19.1



#40

Benzene

Concen: 29.976 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079972.D

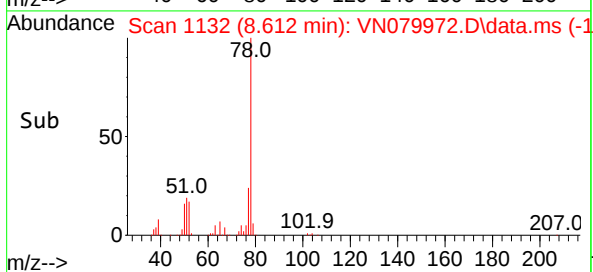
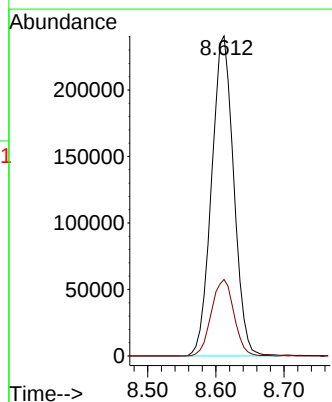
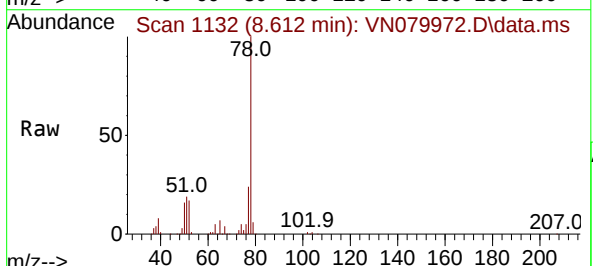
Acq: 07 Nov 2023 18:10

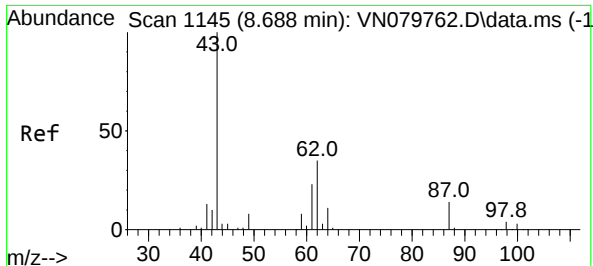
Tgt Ion: 78 Resp: 543092

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6





#43

Isopropyl Acetate

Concen: 1.459 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN079972.D

Acq: 07 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

1075

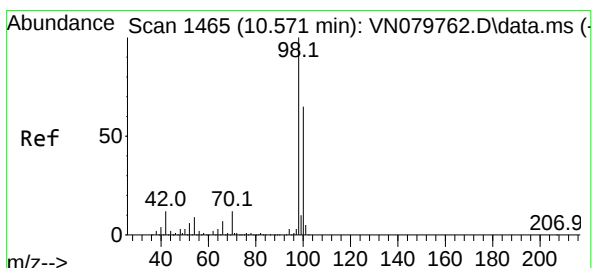
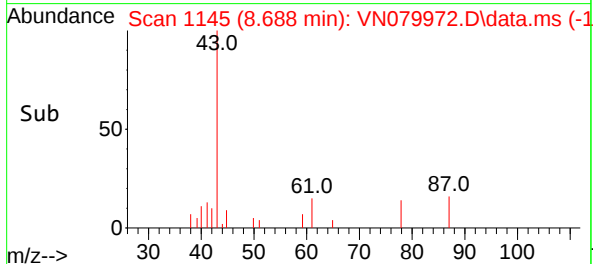
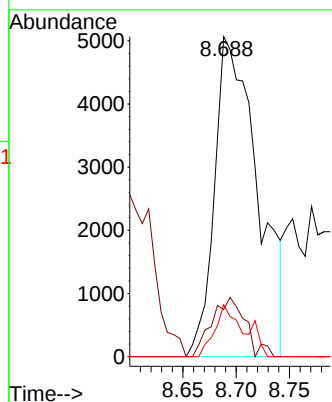
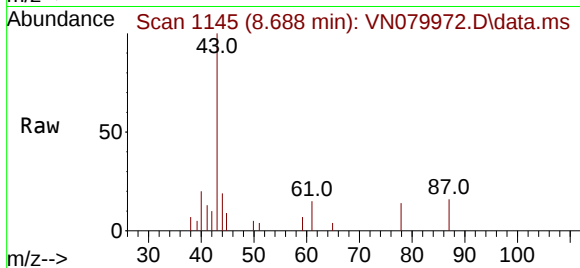
Tgt Ion: 43 Resp: 14195

Ion Ratio Lower Upper

43 100

61 14.7 24.7 37.1#

87 11.2 14.6 21.8#



#50

Toluene-d8

Concen: 46.601 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079972.D

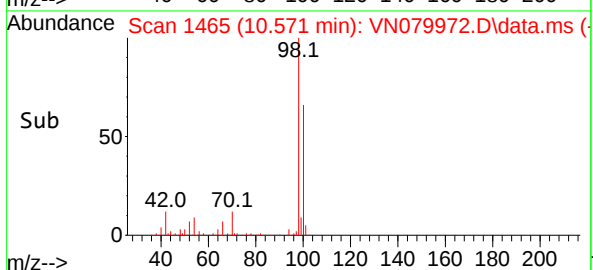
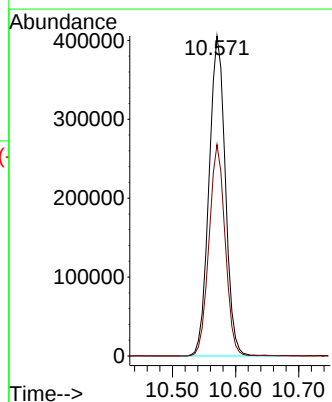
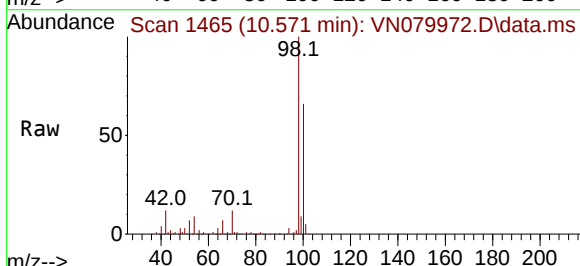
Acq: 07 Nov 2023 18:10

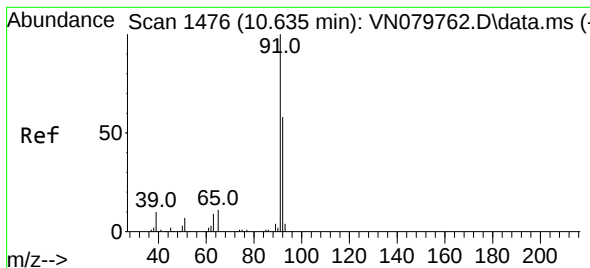
Tgt Ion: 98 Resp: 726788

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0





#52

Toluene

Concen: 18.697 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079972.D

Acq: 07 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

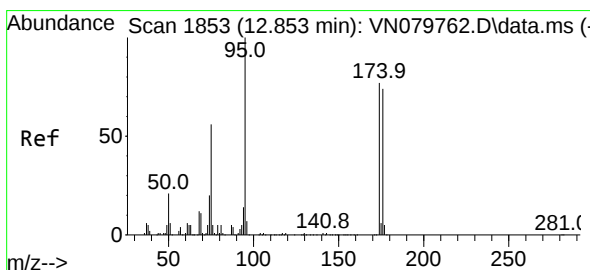
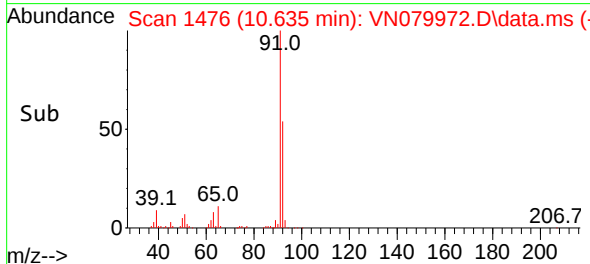
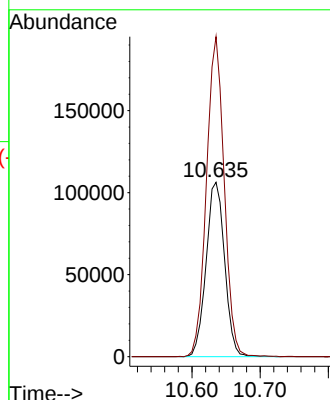
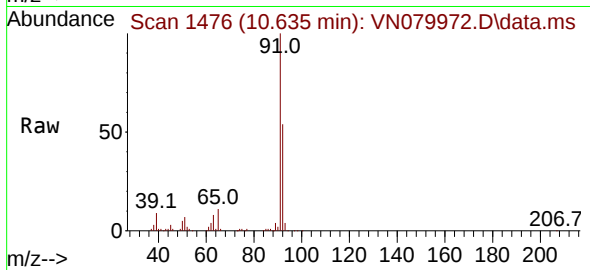
1075

Tgt Ion: 92 Resp: 200818

Ion Ratio Lower Upper

92 100

91 175.9 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 52.375 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079972.D

Acq: 07 Nov 2023 18:10

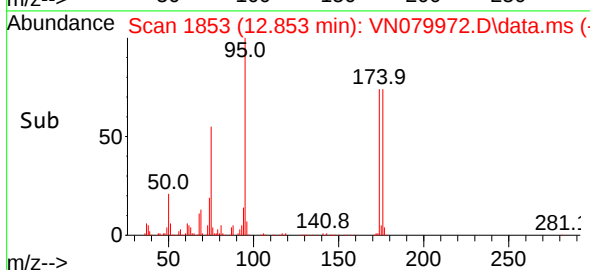
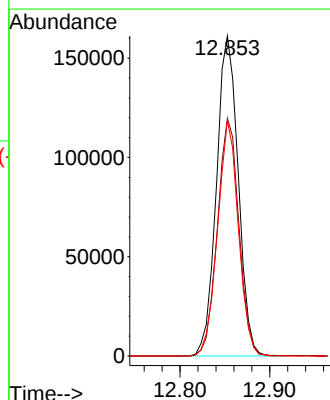
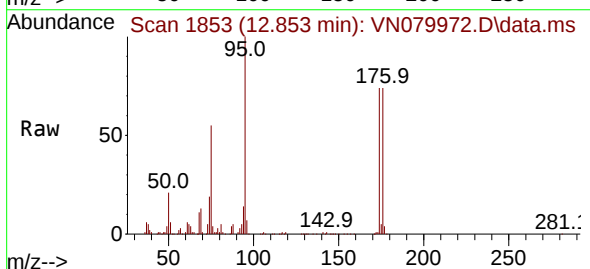
Tgt Ion: 95 Resp: 270906

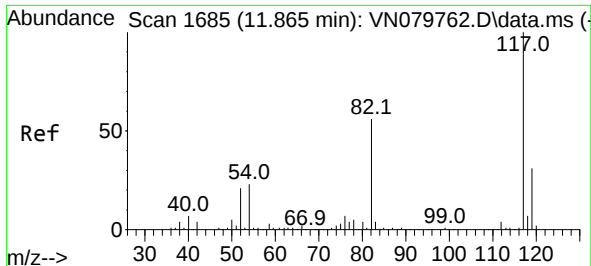
Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.8

176 70.4 0.0 135.8

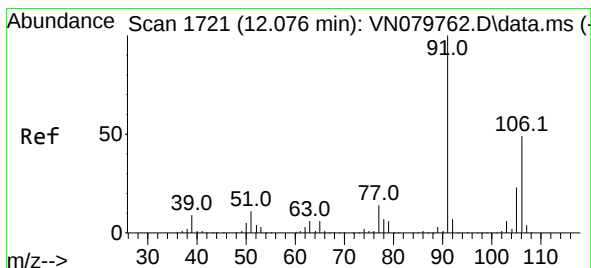
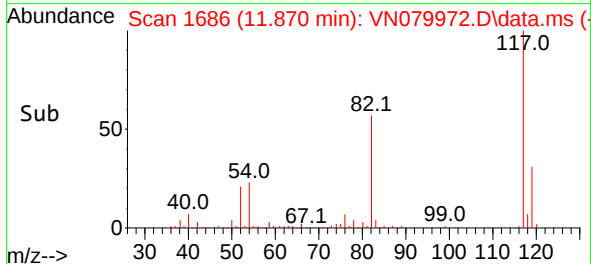
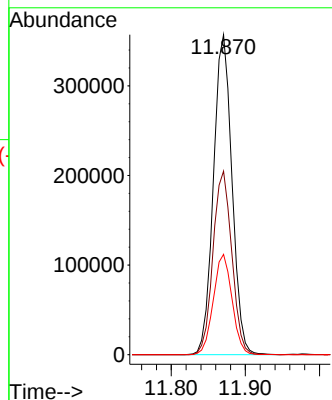
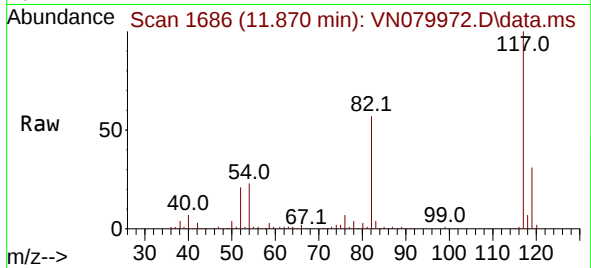




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11075
Delta R.T. 0.000 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

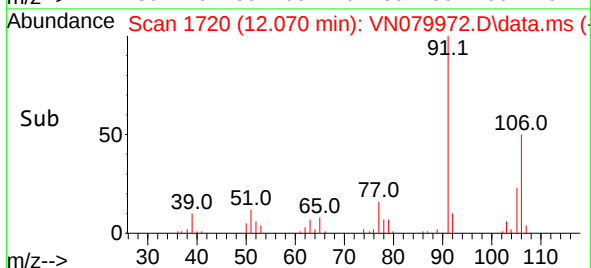
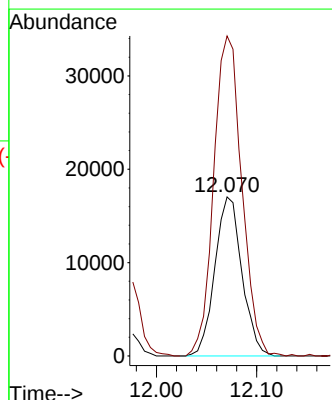
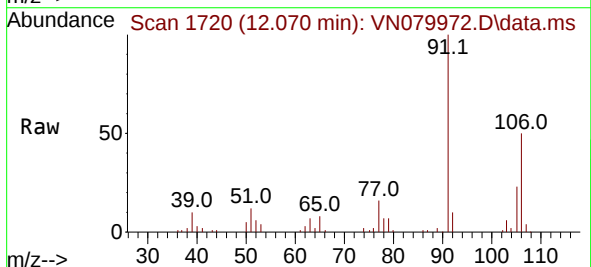
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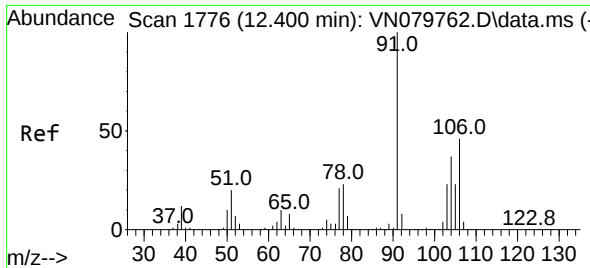
Tgt Ion:117 Resp: 620192
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 3.654 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

Tgt Ion:106 Resp: 31901
Ion Ratio Lower Upper
106 100
91 209.1 159.6 239.4

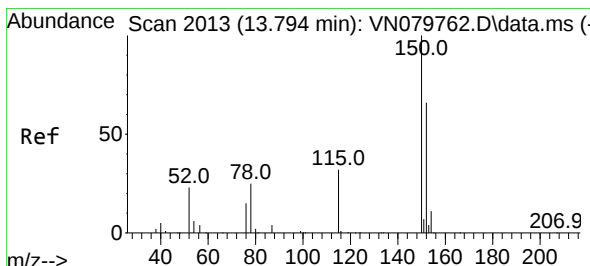
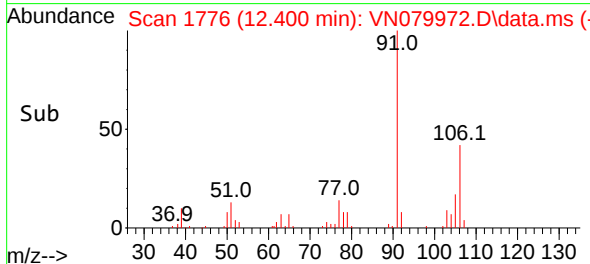
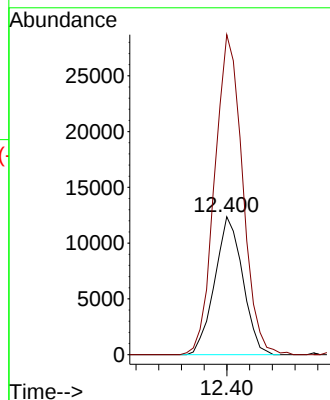
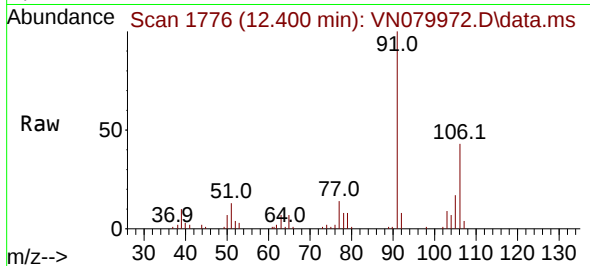




#69
o-Xylene
Concen: 2.517 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

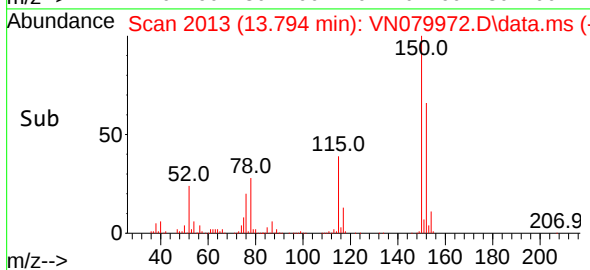
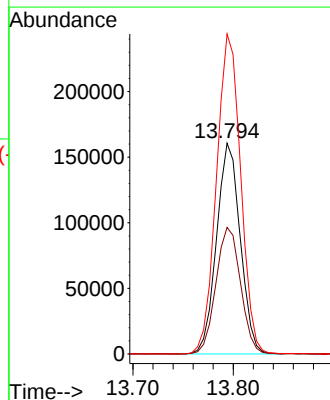
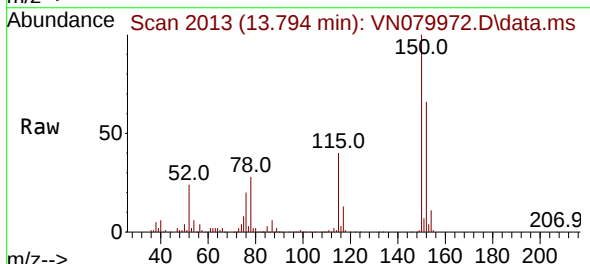
Instrument :
MSVOA_N
ClientSampleId :
1075

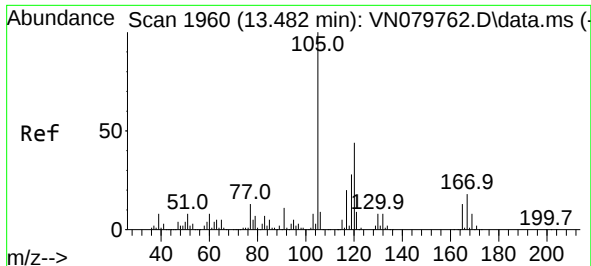
Tgt Ion:106 Resp: 21159
Ion Ratio Lower Upper
106 100
91 231.3 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

Tgt Ion:152 Resp: 263306
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 155.2 0.0 355.8

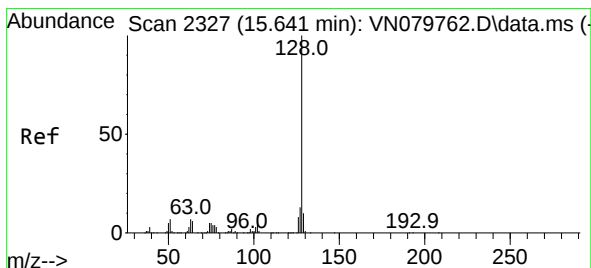
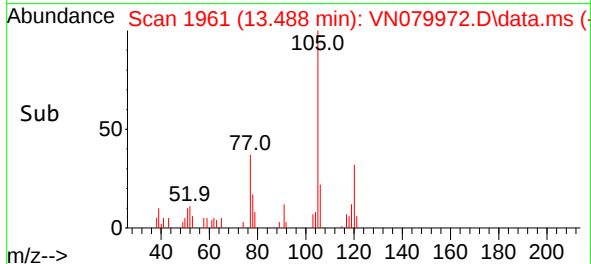
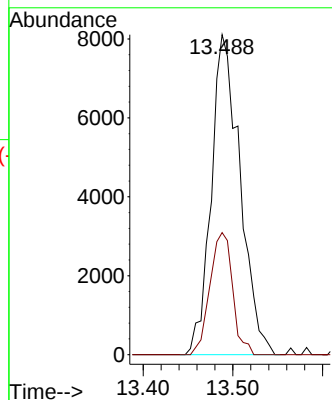
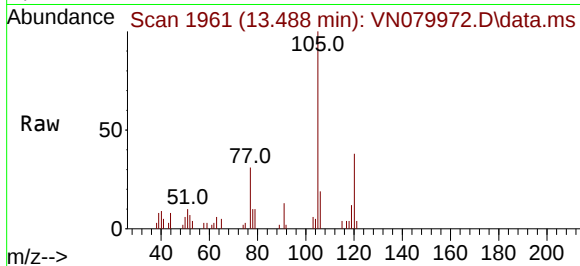




#84
1,2,4-Trimethylbenzene
Concen: 1.180 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.006 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
1075

Tgt Ion:105 Resp: 18057
Ion Ratio Lower Upper
105 100
120 30.1 22.0 66.0



#95
Naphthalene
Concen: 19.634 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079972.D
Acq: 07 Nov 2023 18:10

Tgt Ion:128 Resp: 272012
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 11.3 8.7 13.1

