

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079975.D
 Acq On : 07 Nov 2023 19:22
 Operator : JC\MD
 Sample : 05107-31 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1078

Quant Time: Nov 08 04:34:18 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)

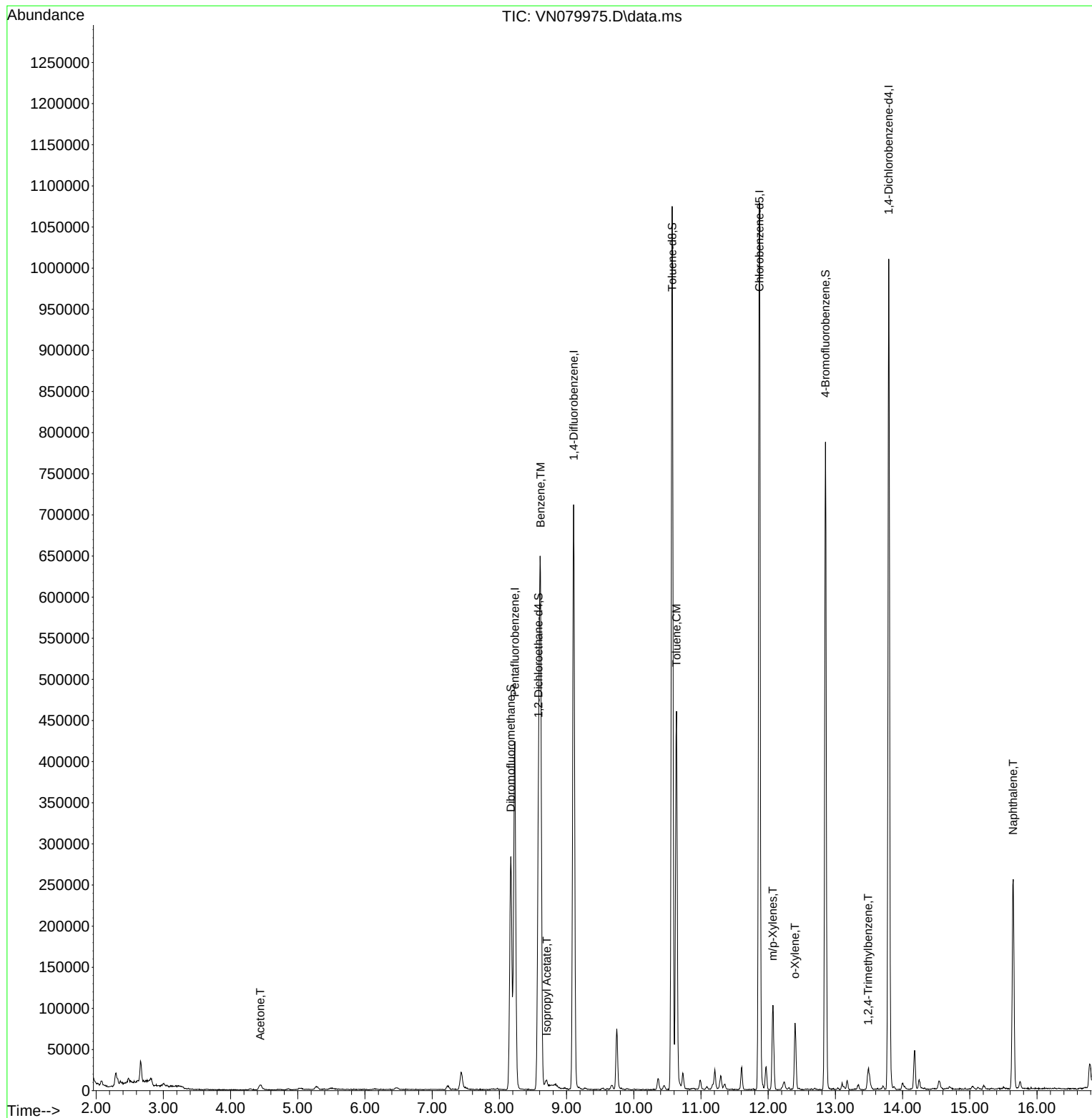
Internal Standards						
1) Pentafluorobenzene	8.229	168	294862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	586553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	612592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	245593	54.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.340%	
35) Dibromofluoromethane	8.171	113	204264	49.204	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.400%	
50) Toluene-d8	10.570	98	724437	47.402	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.800%	
62) 4-Bromofluorobenzene	12.853	95	265373	52.357	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.720%	
Target Compounds						Qvalue
16) Acetone	4.441	43	13505	8.558	ug/l	94
40) Benzene	8.612	78	592443	33.370	ug/l	99
43) Isopropyl Acetate	8.706	43	12758	1.338	ug/l #	75
52) Toluene	10.635	92	196879	18.706	ug/l	98
68) m/p-Xylenes	12.070	106	31349	3.635	ug/l	93
69) o-Xylene	12.400	106	20231	2.436	ug/l	92
84) 1,2,4-Trimethylbenzene	13.488	105	16708	1.107	ug/l	82
95) Naphthalene	15.647	128	228125	16.683	ug/l	98

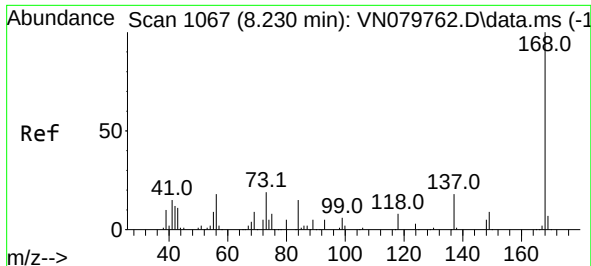
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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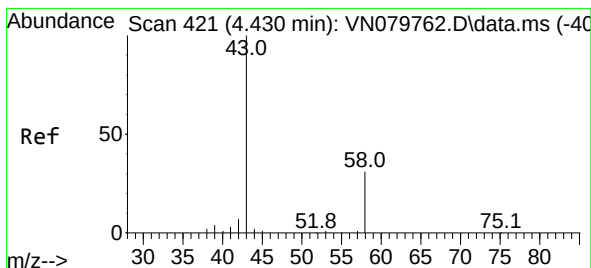
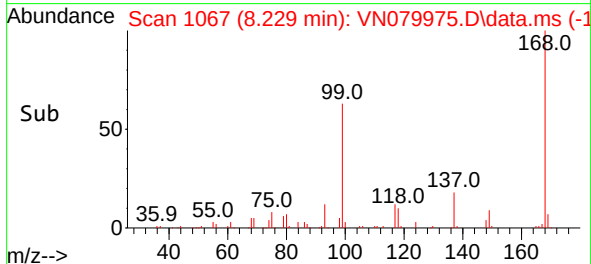
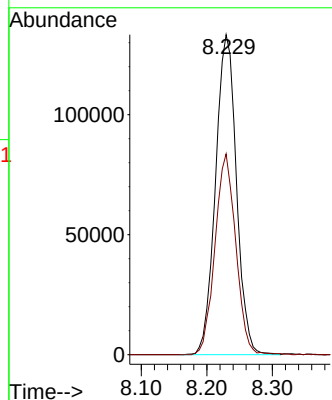
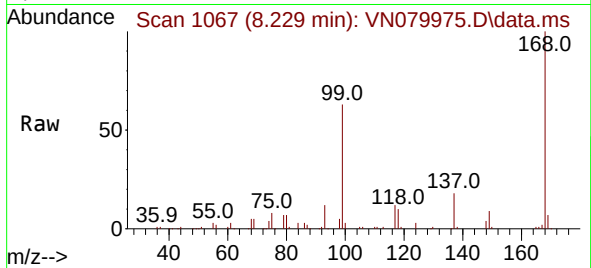




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079975.D
Acq: 07 Nov 2023 19:22

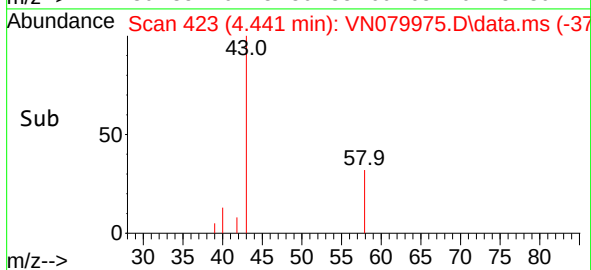
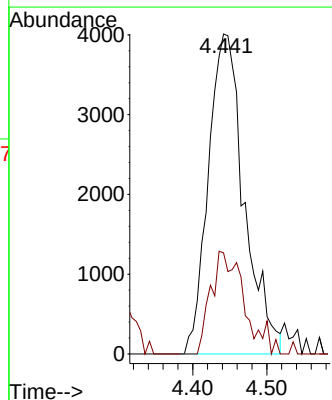
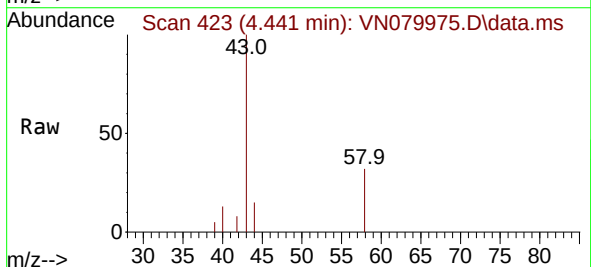
Instrument :
MSVOA_N
ClientSampleId :
1078

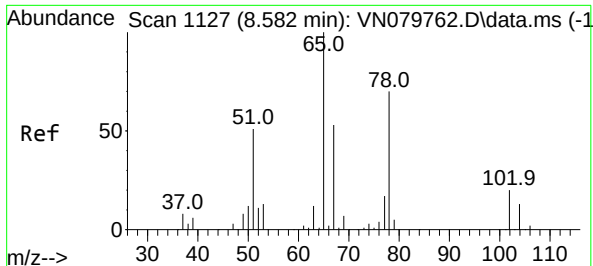
Tgt Ion:168 Resp: 294862
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#16
Acetone
Concen: 8.558 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079975.D
Acq: 07 Nov 2023 19:22

Tgt Ion: 43 Resp: 13505
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 54.670 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079975.D

Acq: 07 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

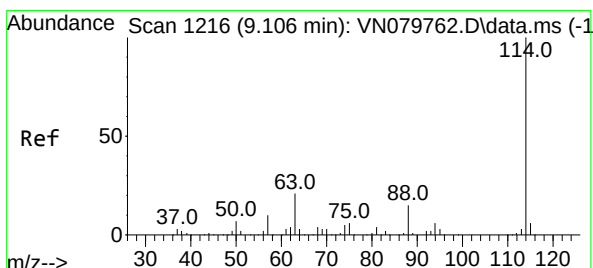
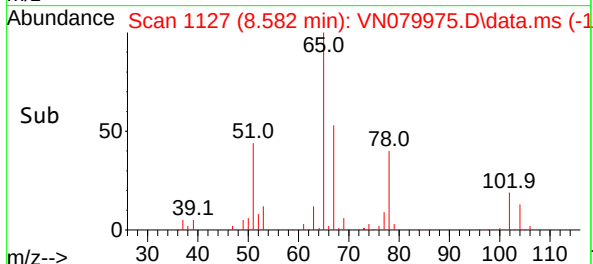
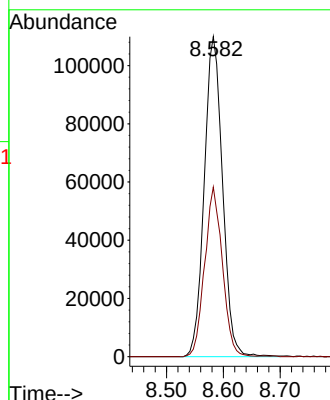
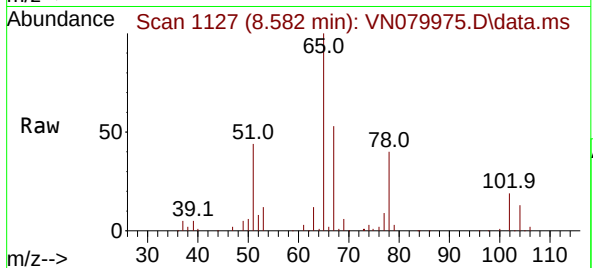
1078

Tgt Ion: 65 Resp: 245593

Ion Ratio Lower Upper

65 100

67 51.3 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: VN079975.D

Acq: 07 Nov 2023 19:22

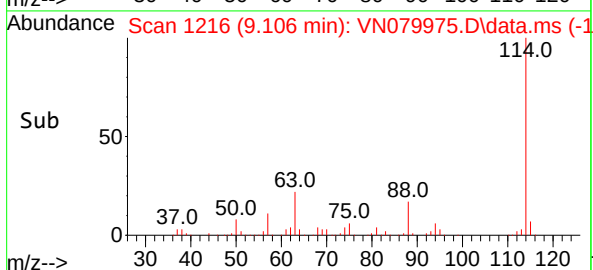
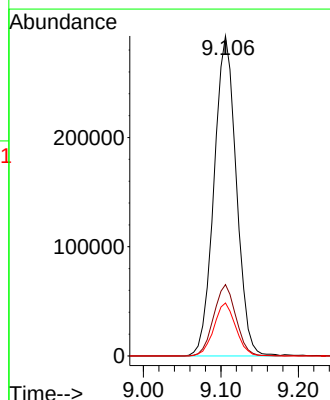
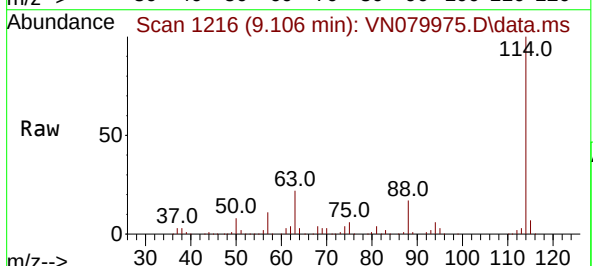
Tgt Ion: 114 Resp: 586553

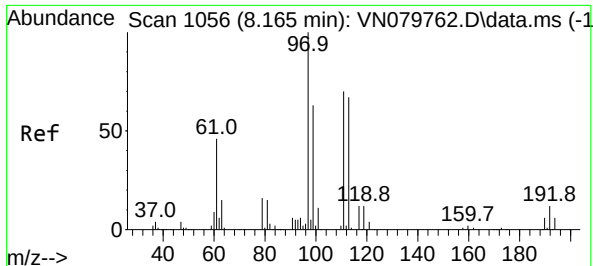
Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.204 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN079975.D

Acq: 07 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

1078

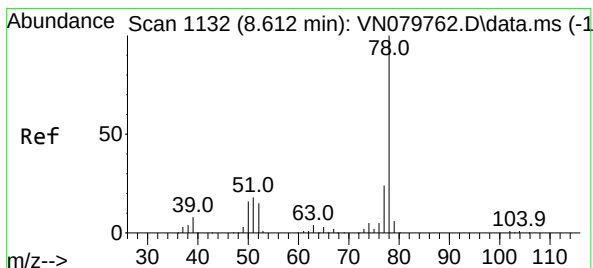
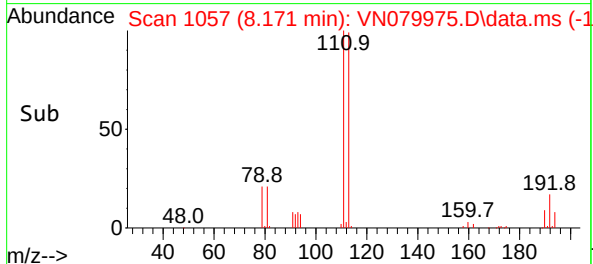
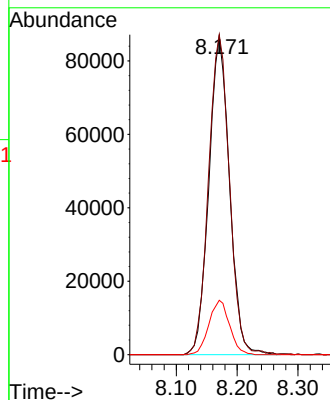
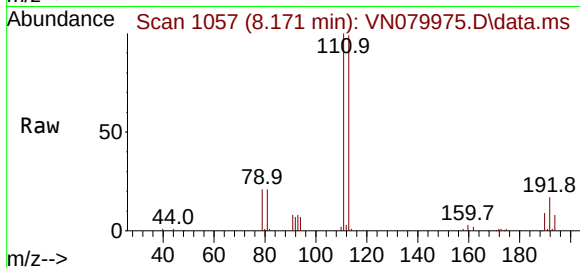
Tgt Ion:113 Resp: 204264

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 17.1 12.7 19.1



#40

Benzene

Concen: 33.370 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079975.D

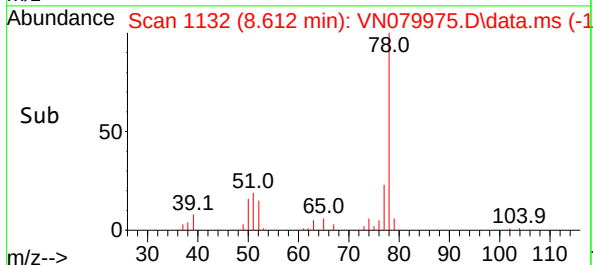
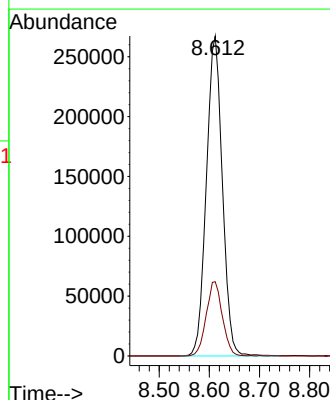
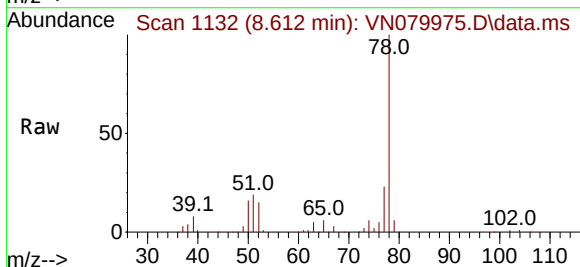
Acq: 07 Nov 2023 19:22

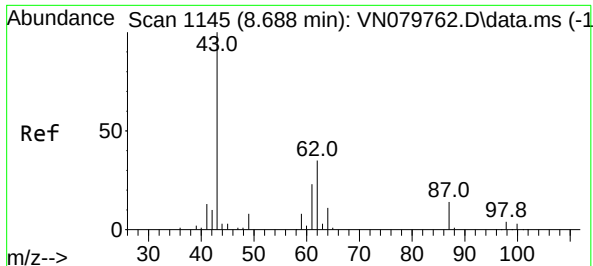
Tgt Ion: 78 Resp: 592443

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6





#43

Isopropyl Acetate

Concen: 1.338 ug/l

RT: 8.706 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN079975.D

Acq: 07 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

1078

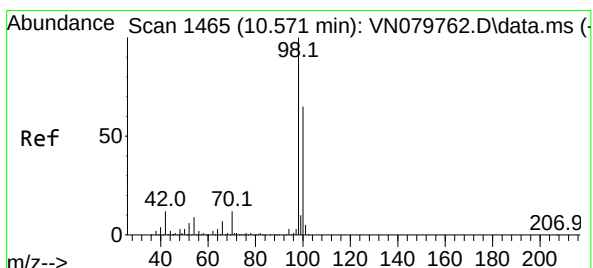
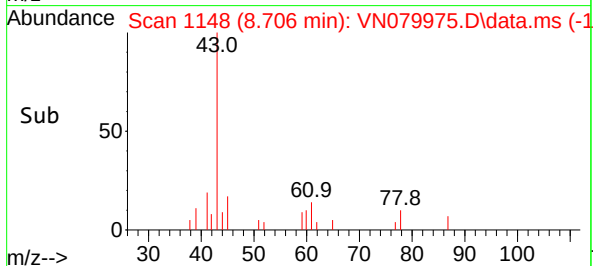
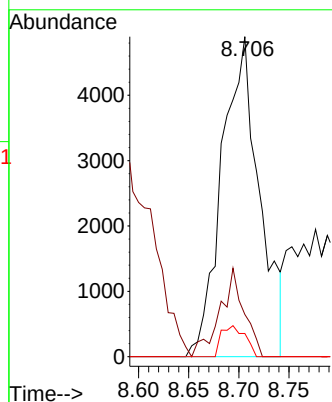
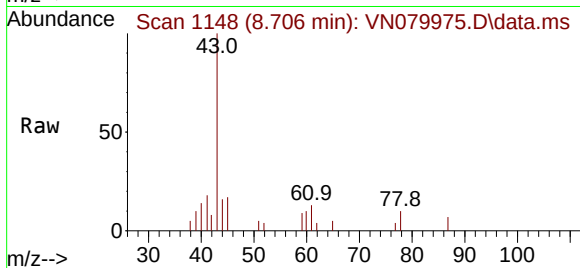
Tgt Ion: 43 Resp: 12758

Ion Ratio Lower Upper

43 100

61 17.7 24.7 37.1#

87 6.1 14.6 21.8#



#50

Toluene-d8

Concen: 47.402 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079975.D

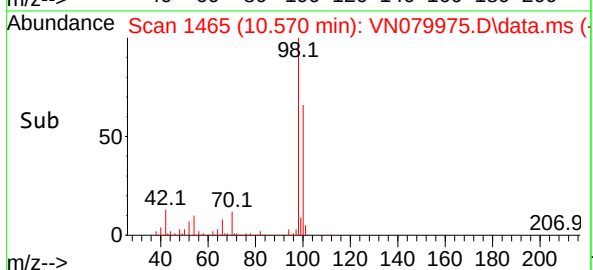
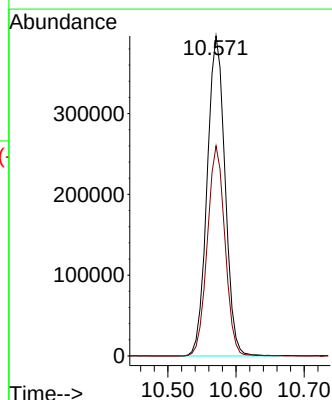
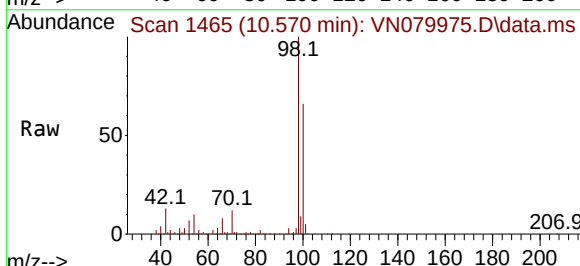
Acq: 07 Nov 2023 19:22

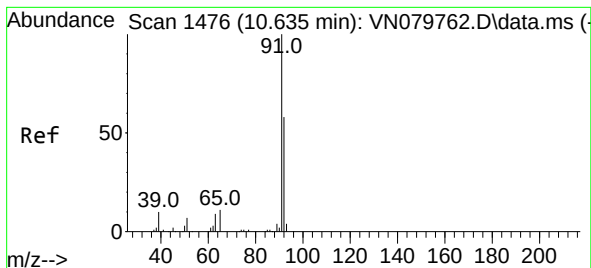
Tgt Ion: 98 Resp: 724437

Ion Ratio Lower Upper

98 100

100 64.4 52.0 78.0





#52

Toluene

Concen: 18.706 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079975.D

Acq: 07 Nov 2023 19:22

Instrument :

MSVOA_N

ClientSampleId :

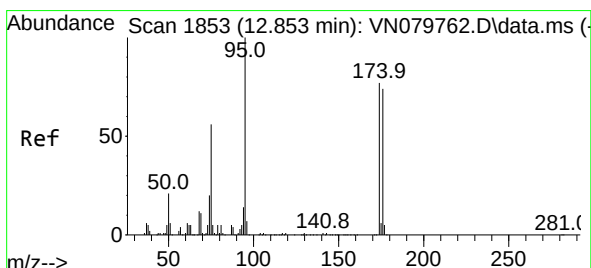
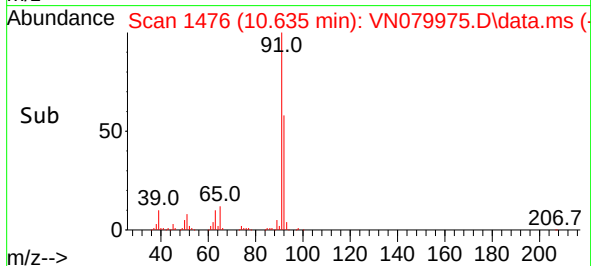
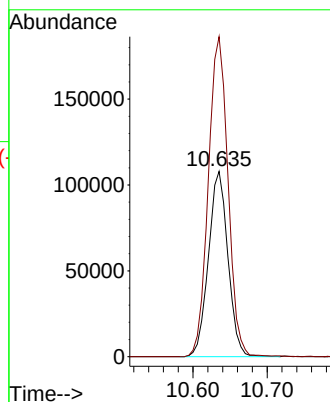
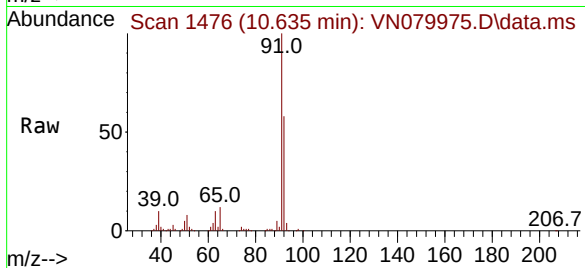
1078

Tgt Ion: 92 Resp: 196879

Ion Ratio Lower Upper

92 100

91 174.7 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 52.357 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079975.D

Acq: 07 Nov 2023 19:22

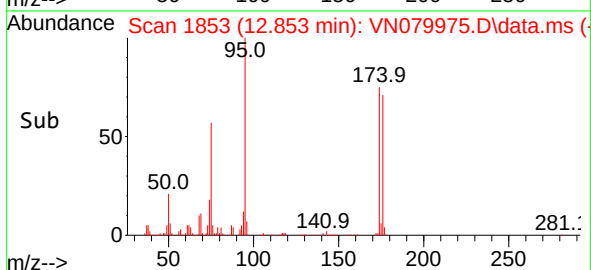
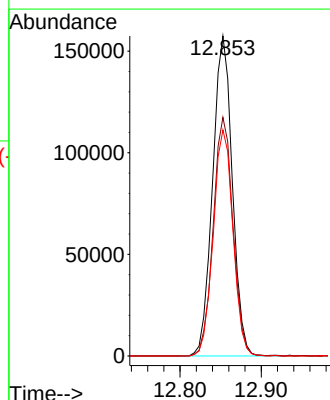
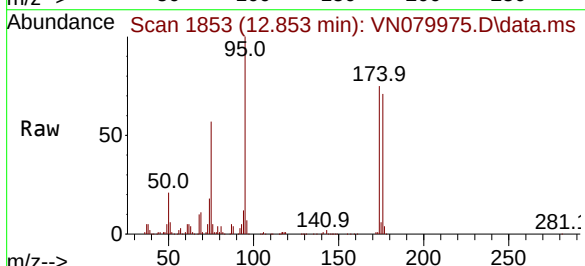
Tgt Ion: 95 Resp: 265373

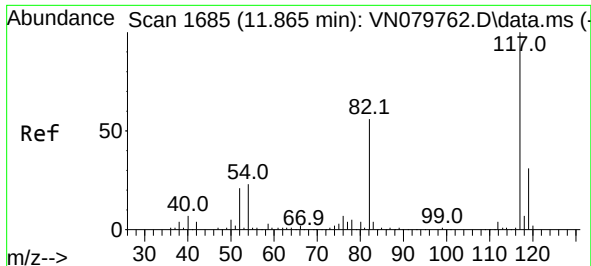
Ion Ratio Lower Upper

95 100

174 74.6 0.0 143.8

176 70.5 0.0 135.8

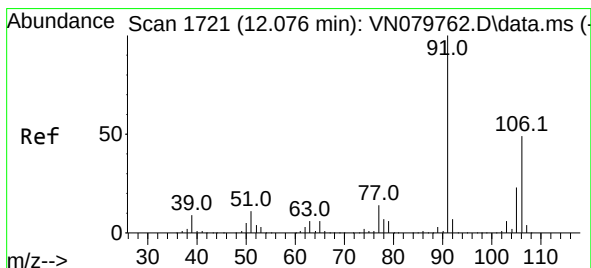
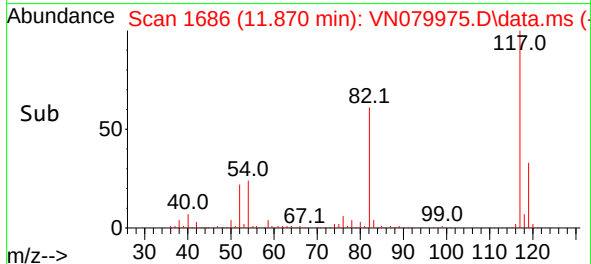
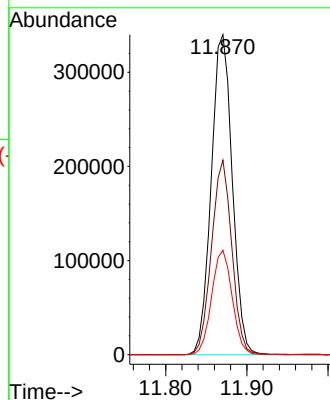
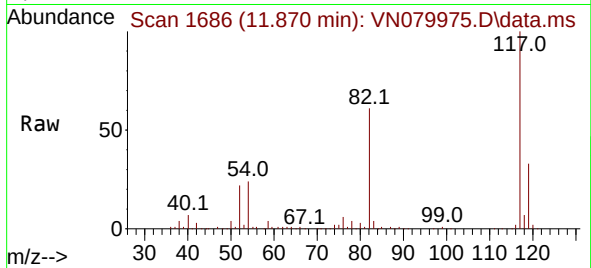




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11078
Delta R.T. 0.000 min
Lab File: VN079975.D
Acq: 07 Nov 2023 19:22

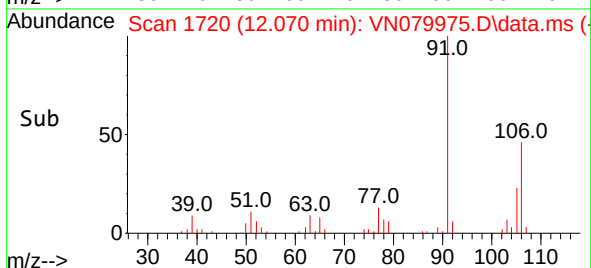
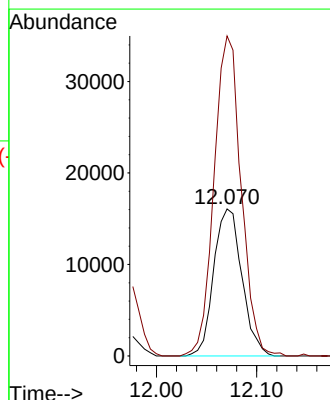
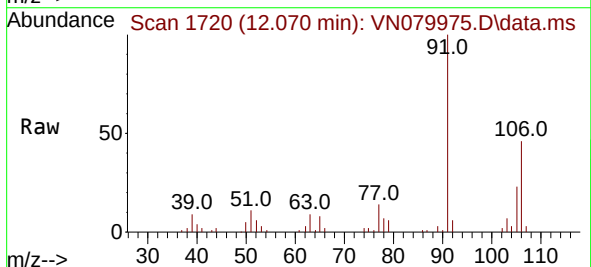
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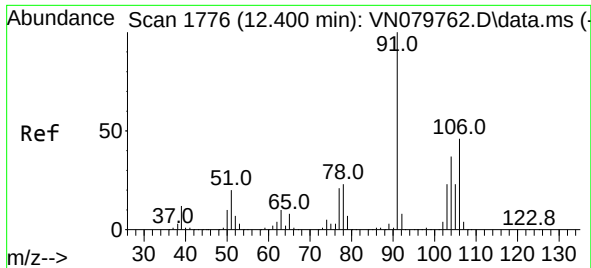
Tgt Ion:117 Resp: 612592
Ion Ratio Lower Upper
117 100
82 60.8 44.0 66.0
119 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 3.635 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN079975.D
Acq: 07 Nov 2023 19:22

Tgt Ion:106 Resp: 31349
Ion Ratio Lower Upper
106 100
91 209.7 159.6 239.4

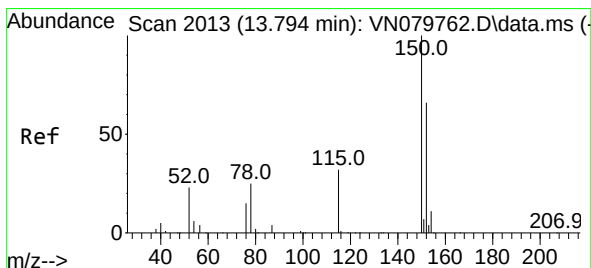
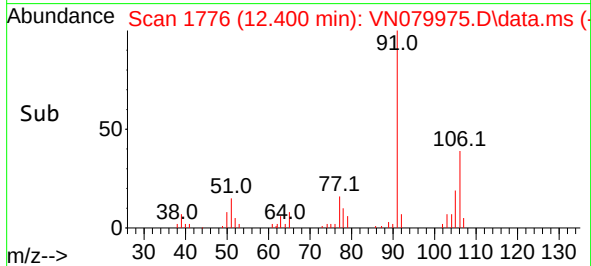
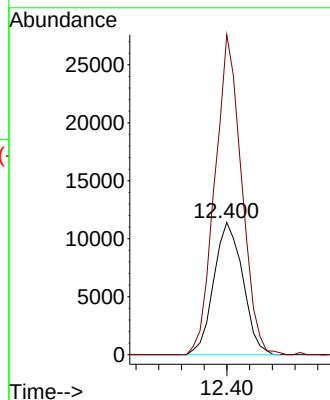
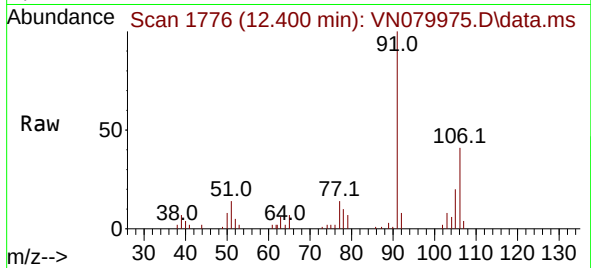




#69
o-Xylene
Concen: 2.436 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079975.D
Acq: 07 Nov 2023 19:22

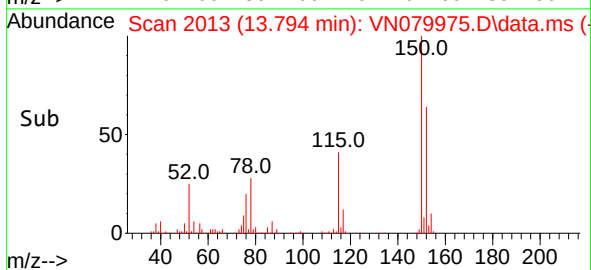
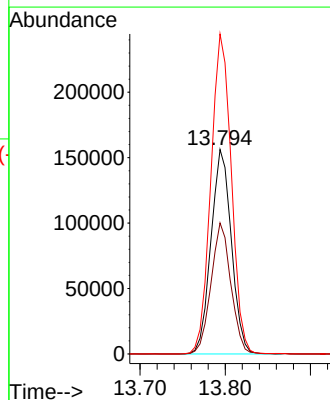
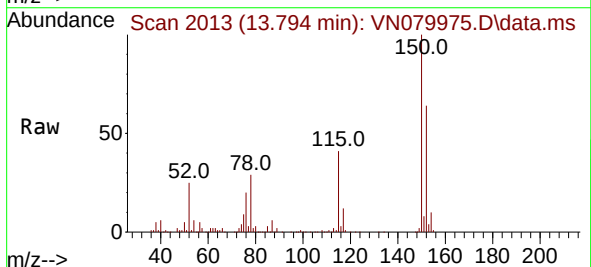
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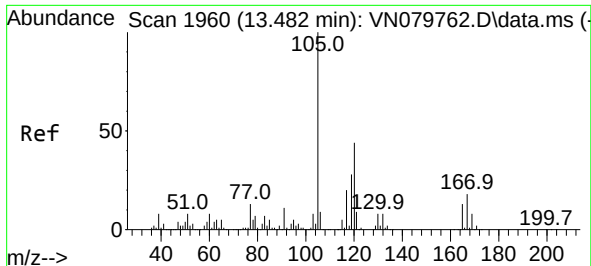
Tgt Ion:106 Resp: 20231
Ion Ratio Lower Upper
106 100
91 223.2 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079975.D
Acq: 07 Nov 2023 19:22

Tgt Ion:152 Resp: 259883
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 156.9 0.0 355.8

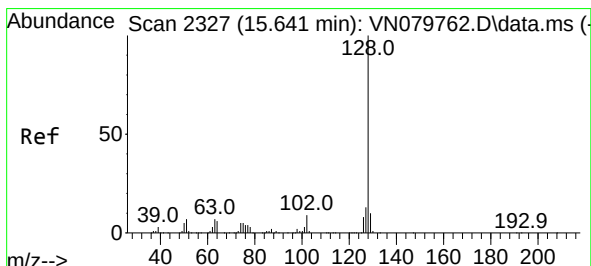
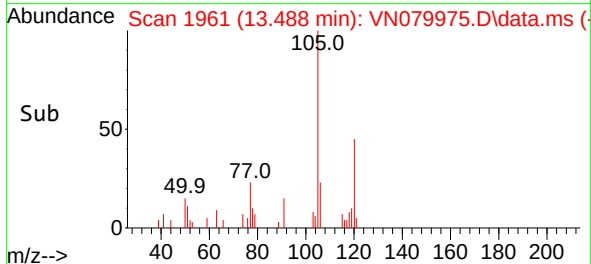
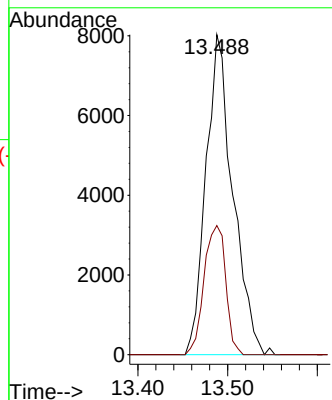
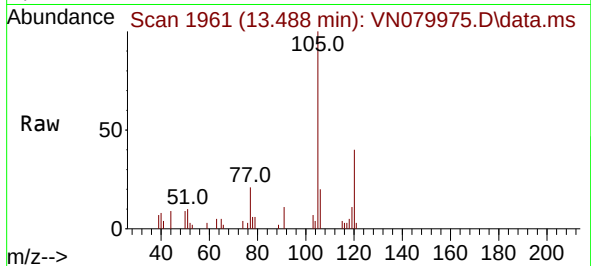




#84
 1,2,4-Trimethylbenzene
 Concen: 1.107 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.006 min
 Lab File: VN079975.D
 Acq: 07 Nov 2023 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 1078

Tgt Ion:105 Resp: 16708
 Ion Ratio Lower Upper
 105 100
 120 32.5 22.0 66.0



#95
 Naphthalene
 Concen: 16.683 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. 0.006 min
 Lab File: VN079975.D
 Acq: 07 Nov 2023 19:22

Tgt Ion:128 Resp: 228125
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.0 15.0
 129 11.3 8.7 13.1

