

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079973.D
 Acq On : 07 Nov 2023 18:34
 Operator : JC\MD
 Sample : 05107-29 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1076

Quant Time: Nov 08 04:33:09 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)

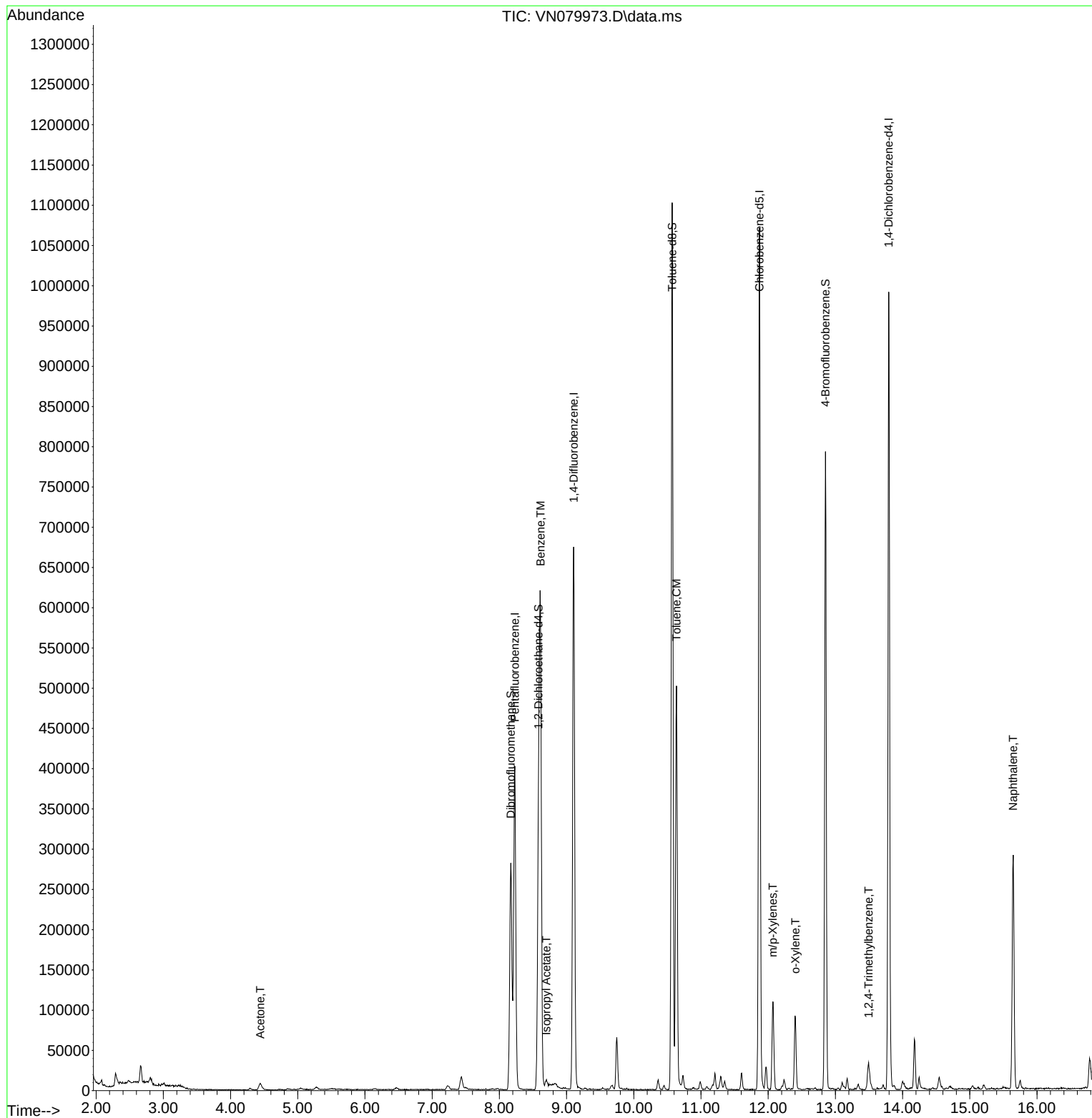
Internal Standards						
1) Pentafluorobenzene	8.229	168	282047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	574687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	603545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	242796	56.503	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 113.000%		
35) Dibromofluoromethane	8.171	113	199037	48.935	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.860%		
50) Toluene-d8	10.570	98	726343	48.508	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 97.020%		
62) 4-Bromofluorobenzene	12.853	95	271784	54.729	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.460%		
Target Compounds						
						Qvalue
16) Acetone	4.441	43	17165	11.372	ug/l #	88
40) Benzene	8.612	78	557895	32.073	ug/l	100
43) Isopropyl Acetate	8.700	43	11130	1.192	ug/l #	78
52) Toluene	10.635	92	218642	21.202	ug/l	100
68) m/p-Xylenes	12.070	106	32732	3.852	ug/l	86
69) o-Xylene	12.406	106	23776	2.906	ug/l	92
84) 1,2,4-Trimethylbenzene	13.494	105	20065	1.371	ug/l	79
95) Naphthalene	15.647	128	266490	20.110	ug/l	99

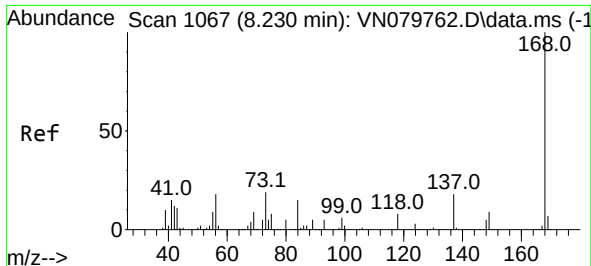
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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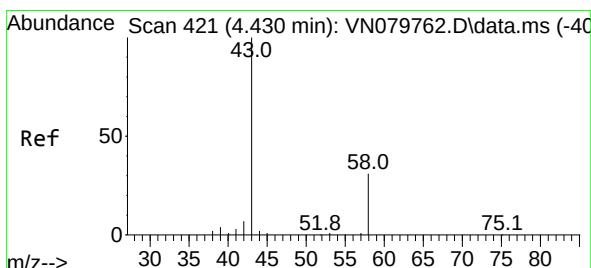
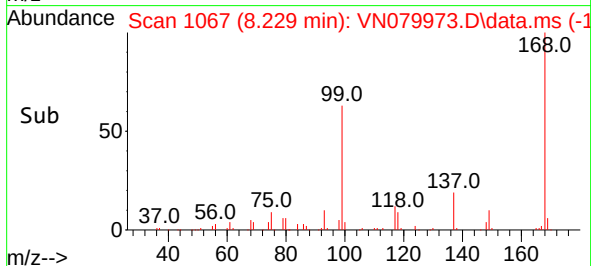
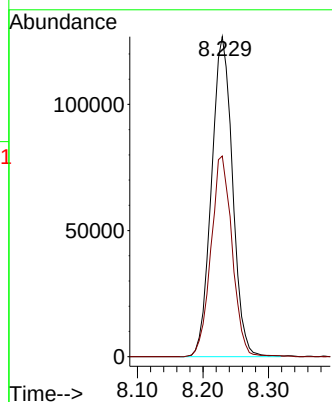
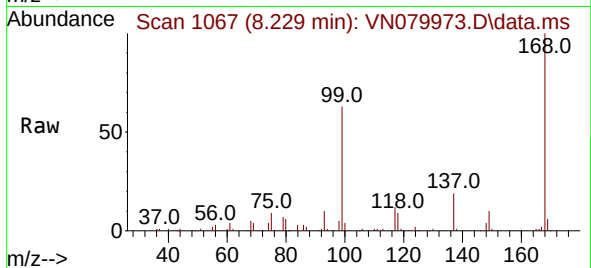




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

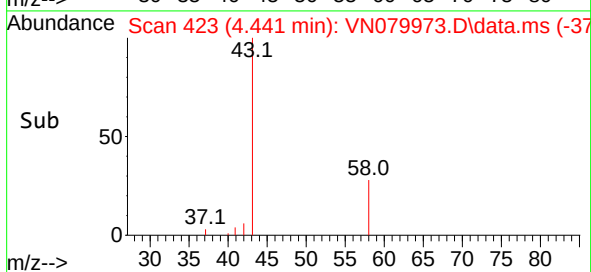
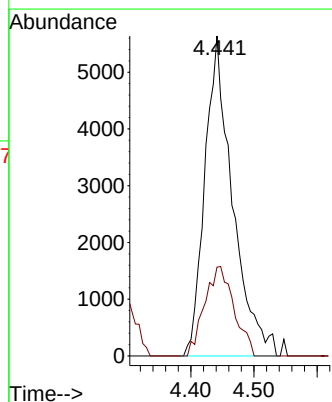
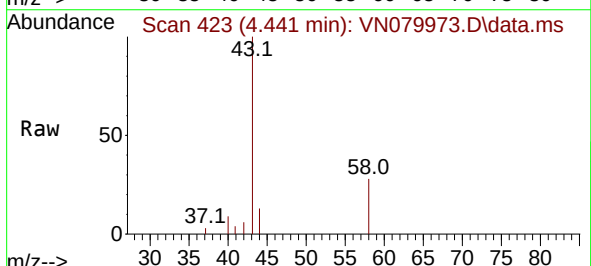
Instrument :
MSVOA_N
ClientSampleId :
1076

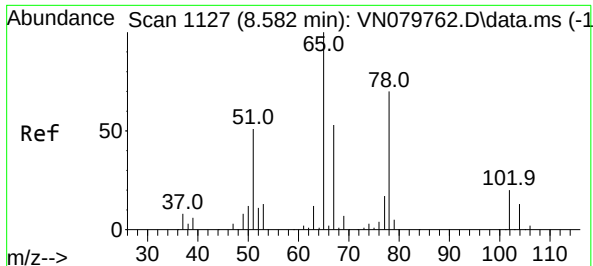
Tgt Ion:168 Resp: 282047
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#16
Acetone
Concen: 11.372 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

Tgt Ion: 43 Resp: 17165
Ion Ratio Lower Upper
43 100
58 27.8 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 56.503 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079973.D

Acq: 07 Nov 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

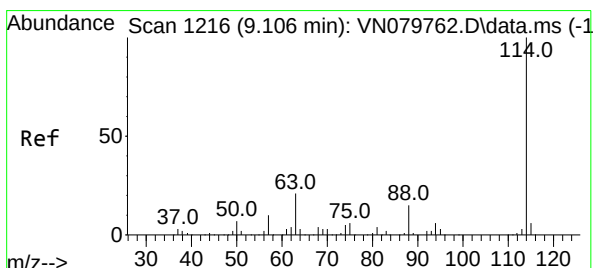
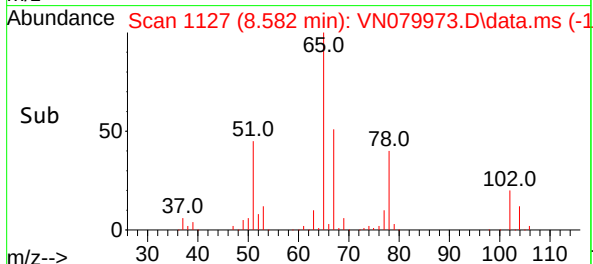
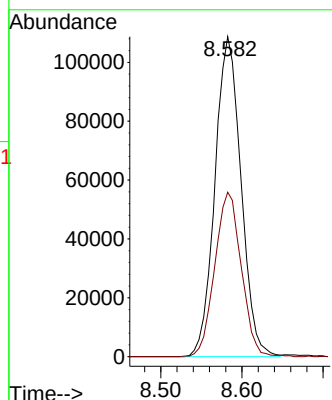
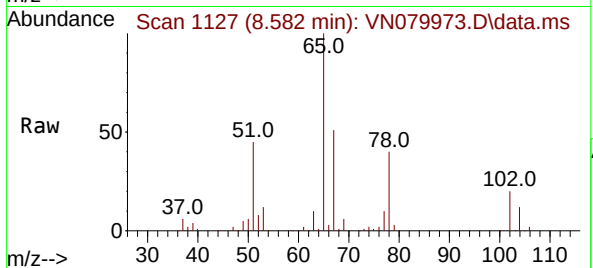
1076

Tgt Ion: 65 Resp: 242796

Ion Ratio Lower Upper

65 100

67 52.1 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: VN079973.D

Acq: 07 Nov 2023 18:34

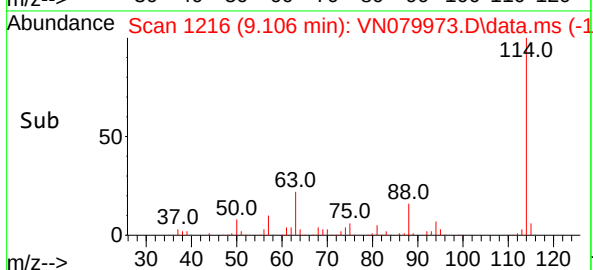
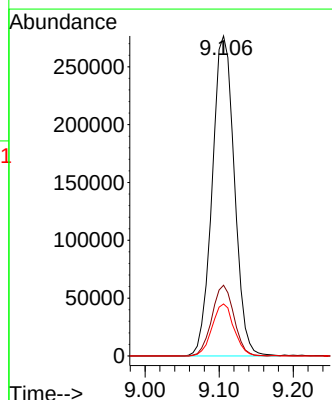
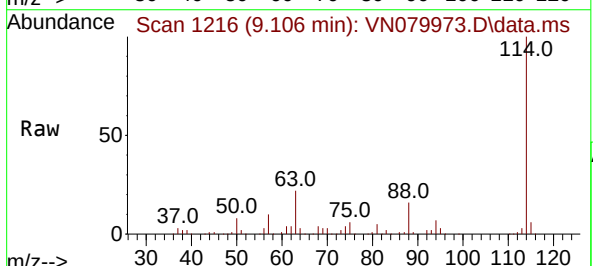
Tgt Ion: 114 Resp: 574687

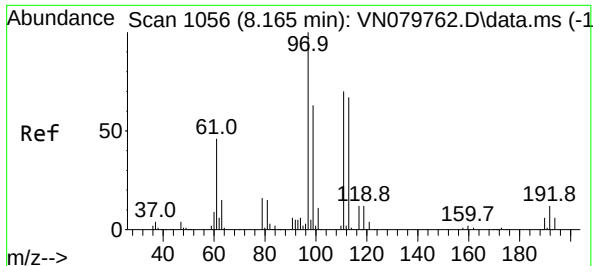
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.935 ug/l

RT: 8.171 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VN079973.D

Acq: 07 Nov 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

1076

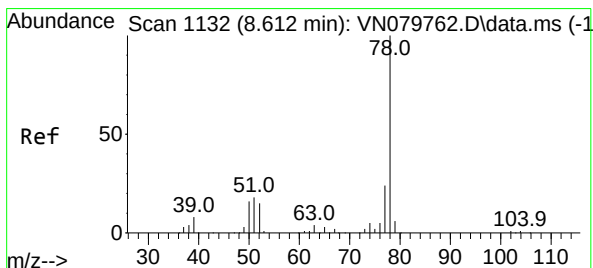
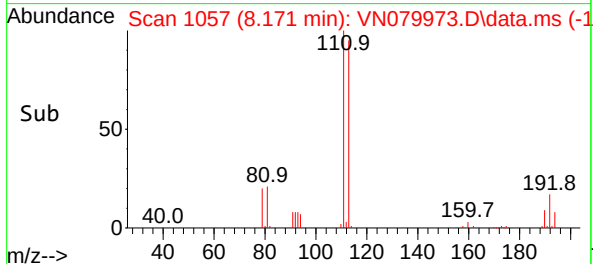
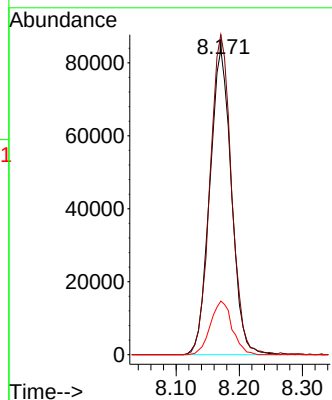
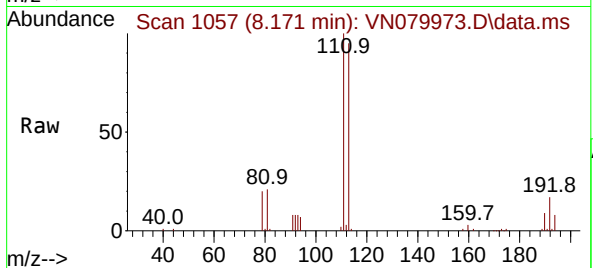
Tgt Ion:113 Resp: 199037

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 17.7 12.7 19.1



#40

Benzene

Concen: 32.073 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079973.D

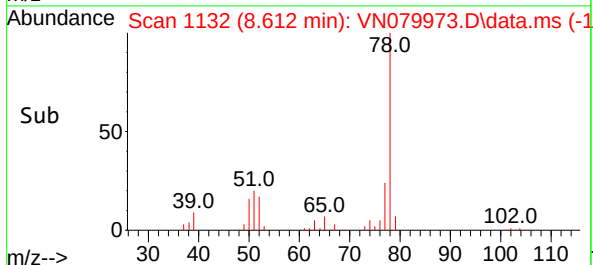
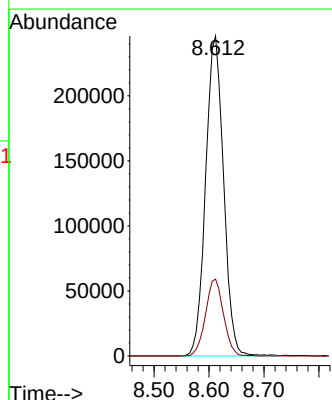
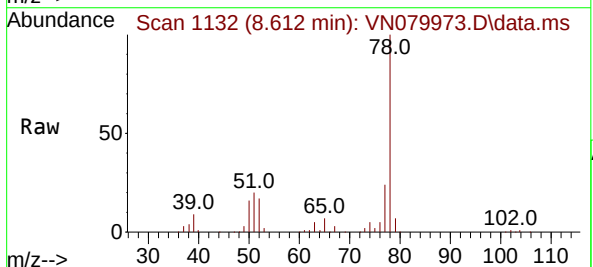
Acq: 07 Nov 2023 18:34

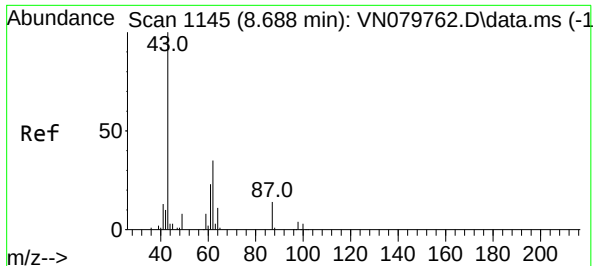
Tgt Ion: 78 Resp: 557895

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6





#43

Isopropyl Acetate

Concen: 1.192 ug/l

RT: 8.700 min Scan# 1145

Delta R.T. 0.012 min

Lab File: VN079973.D

Acq: 07 Nov 2023 18:34

Instrument :

MSVOA_N

ClientSampleId :

1076

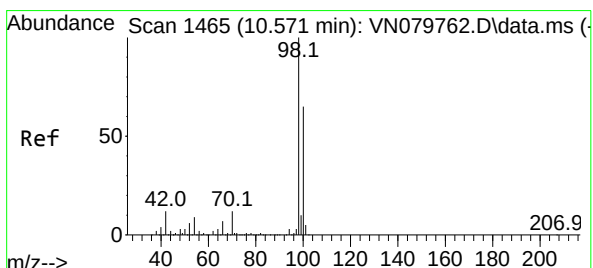
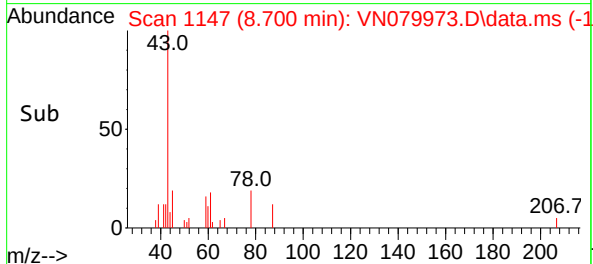
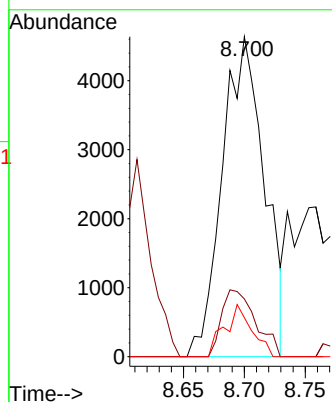
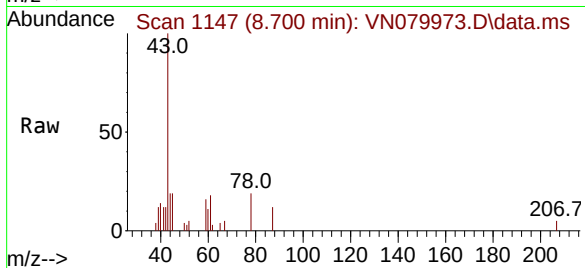
Tgt Ion: 43 Resp: 11130

Ion Ratio Lower Upper

43 100

61 16.9 24.7 37.1#

87 10.5 14.6 21.8#



#50

Toluene-d8

Concen: 48.508 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079973.D

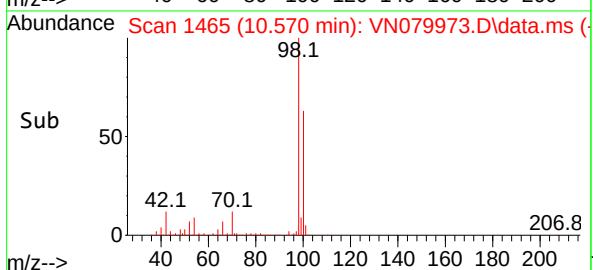
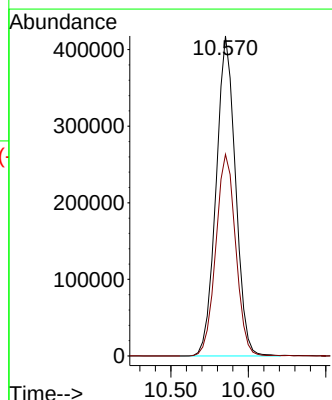
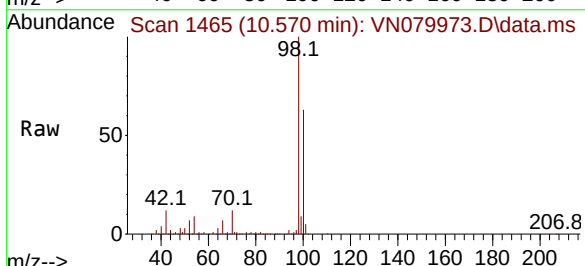
Acq: 07 Nov 2023 18:34

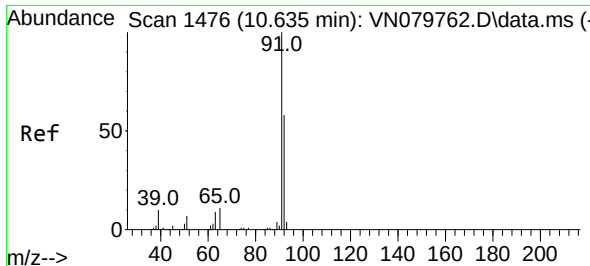
Tgt Ion: 98 Resp: 726343

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

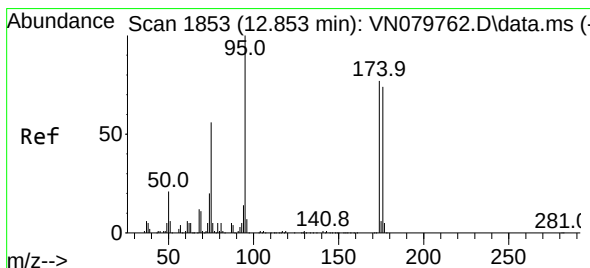
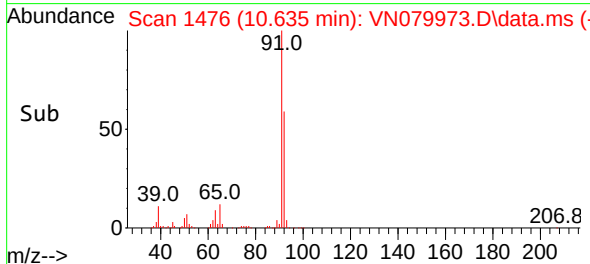
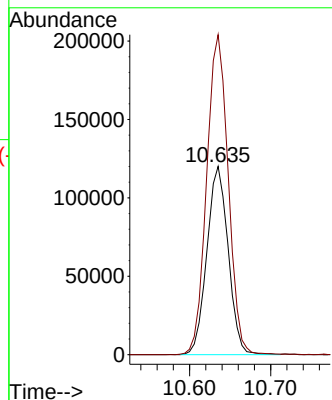
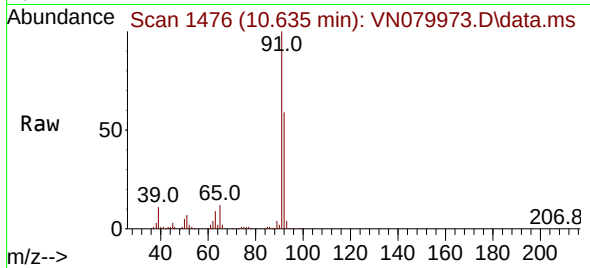




#52
Toluene
Concen: 21.202 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

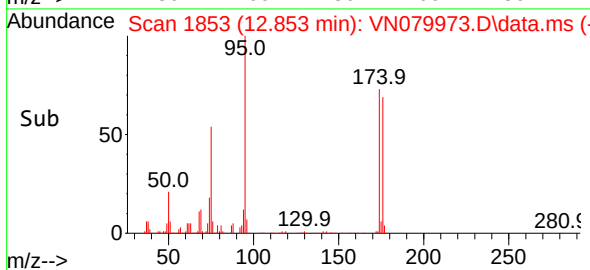
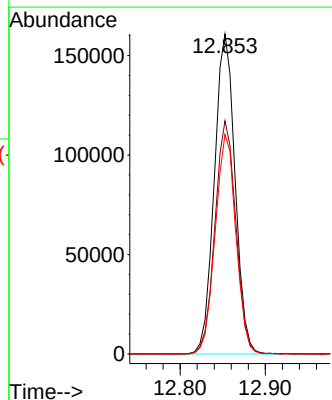
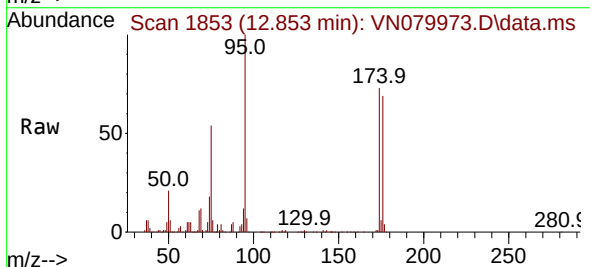
Instrument :
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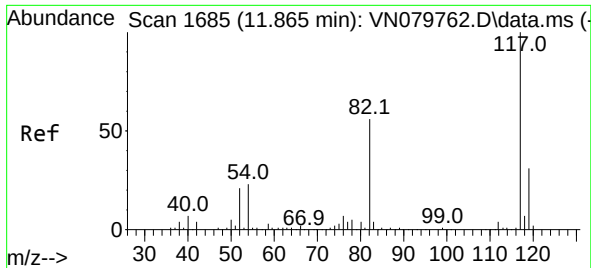
Tgt Ion: 92 Resp: 218642
Ion Ratio Lower Upper
92 100
91 172.2 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 54.729 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

Tgt Ion: 95 Resp: 271784
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 68.7 0.0 135.8

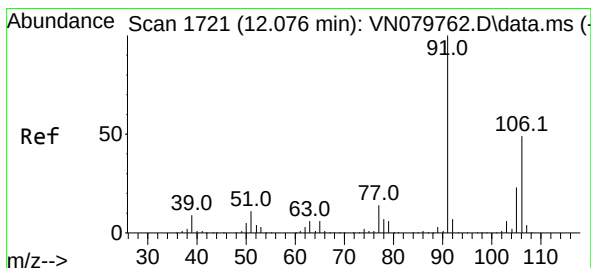
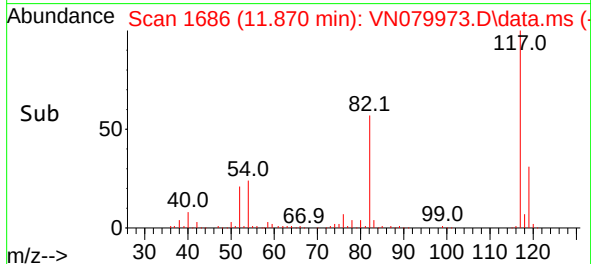
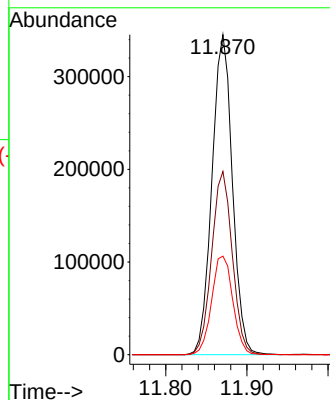
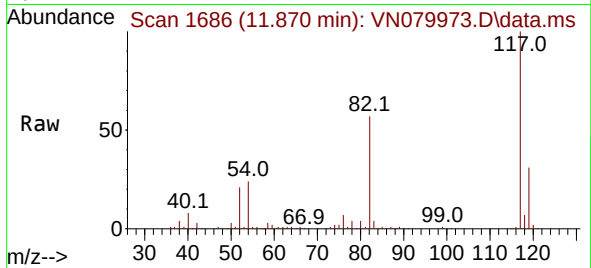




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

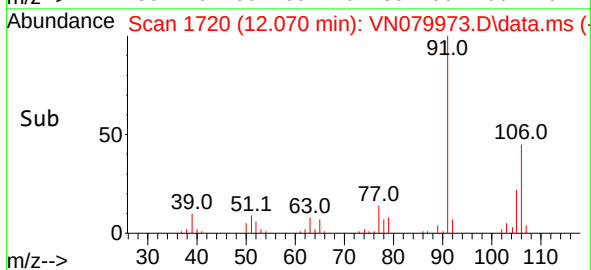
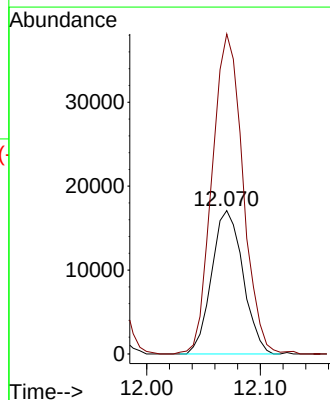
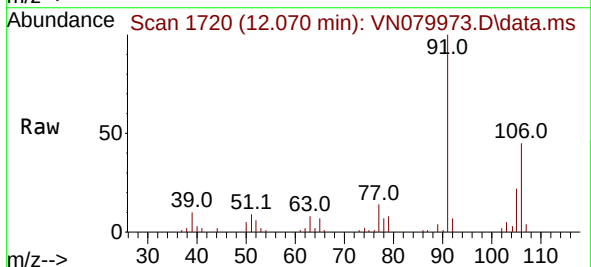
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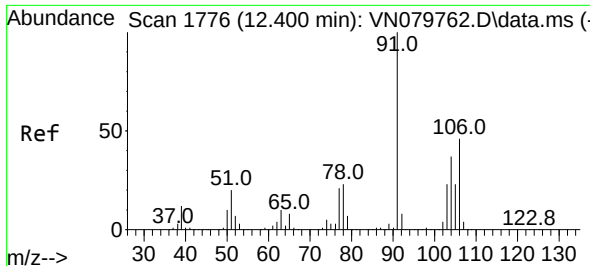
Tgt Ion:117 Resp: 603545
Ion Ratio Lower Upper
117 100
82 57.3 44.0 66.0
119 30.8 25.6 38.4



#68
m/p-Xylenes
Concen: 3.852 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

Tgt Ion:106 Resp: 32732
Ion Ratio Lower Upper
106 100
91 220.1 159.6 239.4

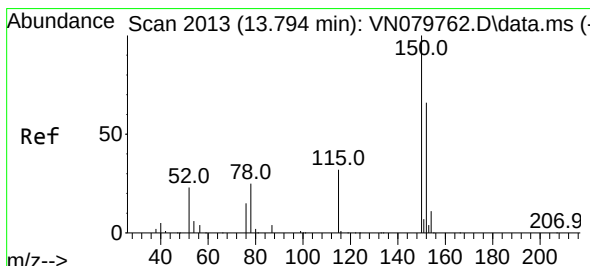
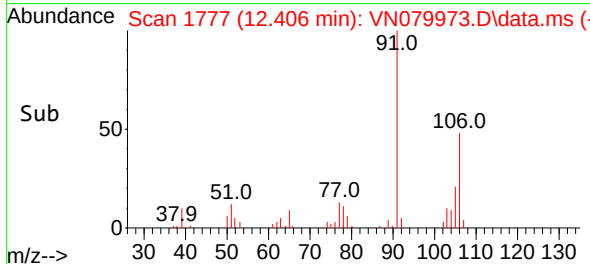
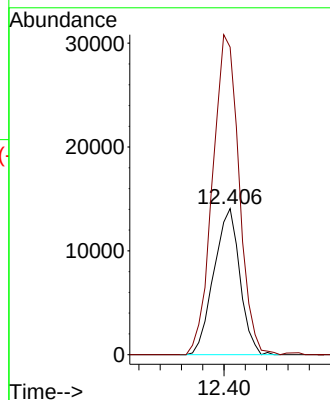
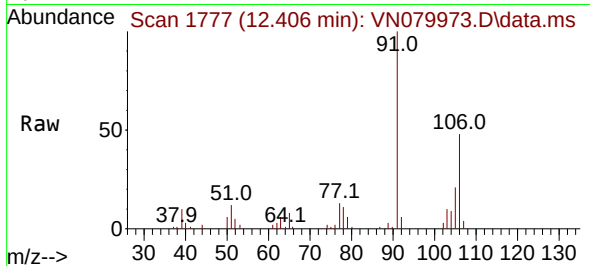




#69
o-Xylene
Concen: 2.906 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

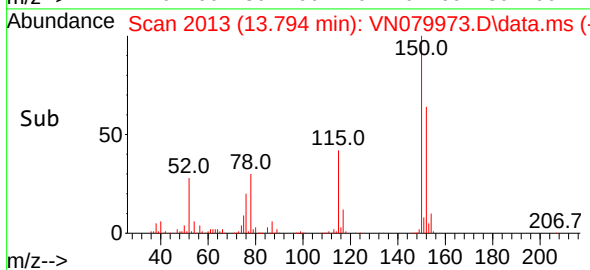
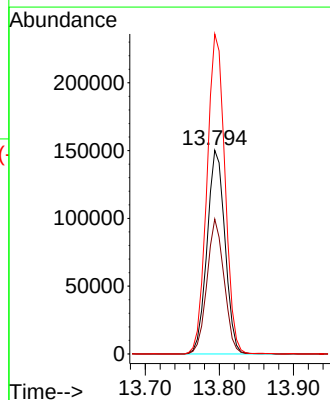
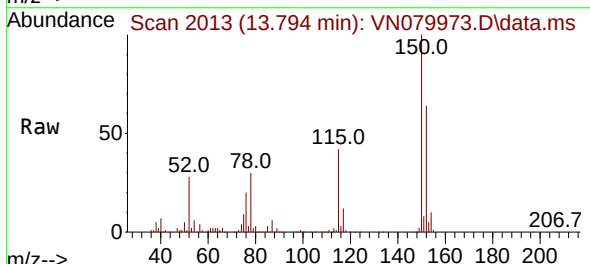
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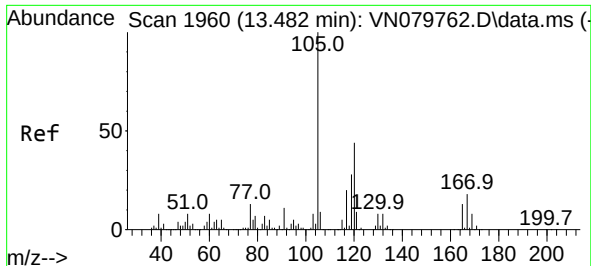
Tgt Ion:106 Resp: 23776
Ion Ratio Lower Upper
106 100
91 223.4 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

Tgt Ion:152 Resp: 251854
Ion Ratio Lower Upper
152 100
115 63.6 32.3 96.8
150 157.9 0.0 355.8

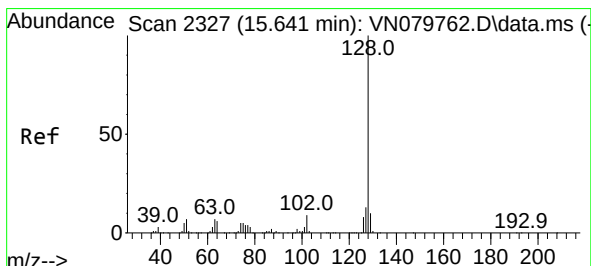
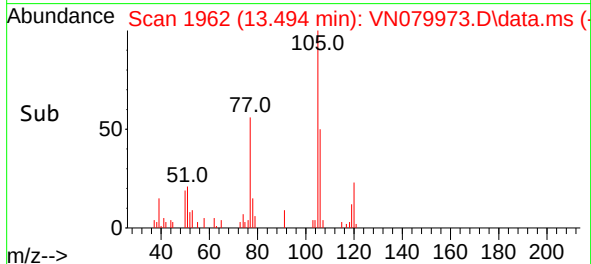
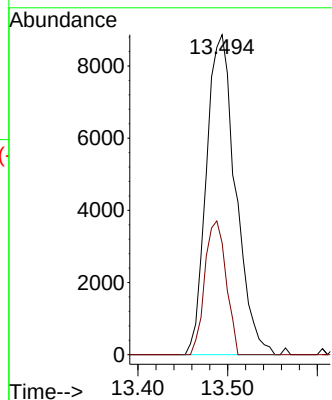
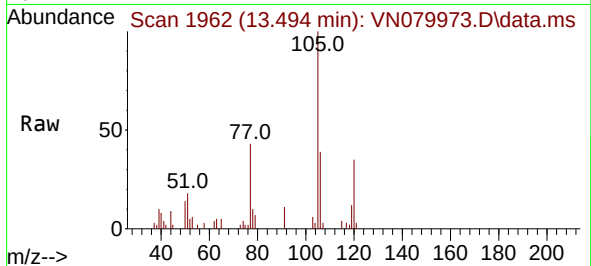




#84
1,2,4-Trimethylbenzene
Concen: 1.371 ug/l
RT: 13.494 min Scan# 1962
Delta R.T. 0.012 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

Instrument :
MSVOA_N
ClientSampleId :
1076

Tgt Ion:105 Resp: 20065
Ion Ratio Lower Upper
105 100
120 30.3 22.0 66.0



#95
Naphthalene
Concen: 20.110 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079973.D
Acq: 07 Nov 2023 18:34

Tgt Ion:128 Resp: 266490
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 11.1 8.7 13.1

