

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079976.D
 Acq On : 07 Nov 2023 19:46
 Operator : JC\MD
 Sample : 05107-32 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1079

Quant Time: Nov 08 04:34:53 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)

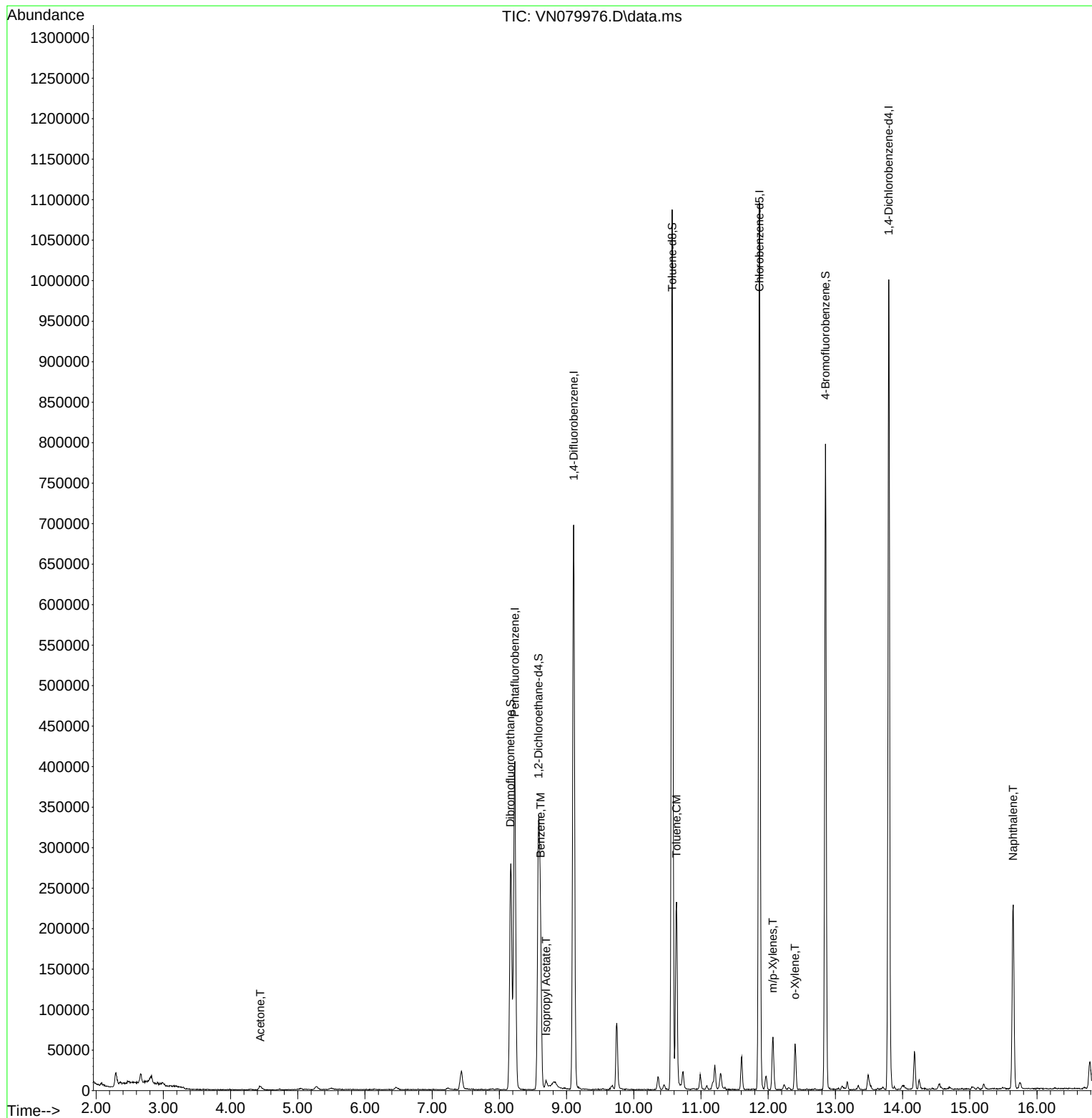
Internal Standards						
1) Pentafluorobenzene	8.230	168	283655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	584093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	616123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	256733	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243925	56.443	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.880%
35) Dibromofluoromethane	8.165	113	204537	49.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	10.571	98	727228	47.785	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.853	95	271243	53.741	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.480%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	9867	6.500	ug/l	# 71
40) Benzene	8.612	78	195383	11.052	ug/l	96
43) Isopropyl Acetate	8.694	43	11945	1.258	ug/l	# 76
52) Toluene	10.635	92	102813	9.809	ug/l	96
68) m/p-Xylenes	12.071	106	20021	2.308	ug/l	94
69) o-Xylene	12.400	106	13757	1.647	ug/l	89
95) Naphthalene	15.647	128	210632	15.593	ug/l	98

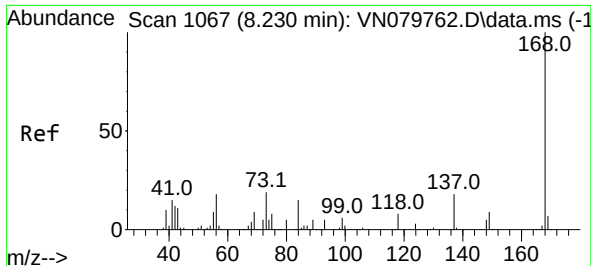
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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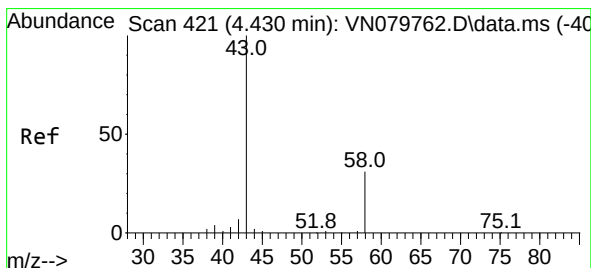
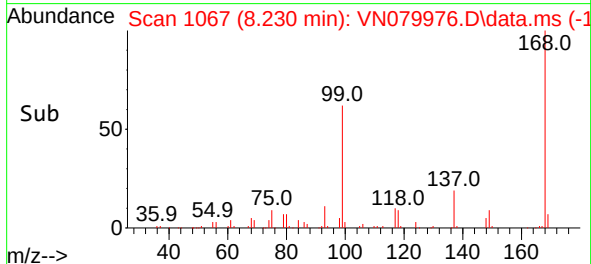
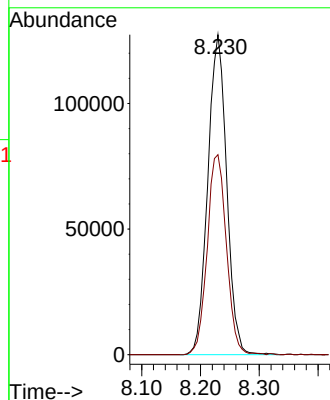
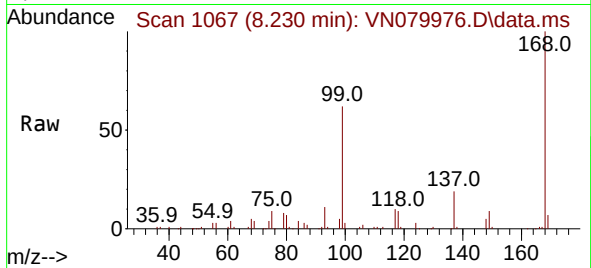




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

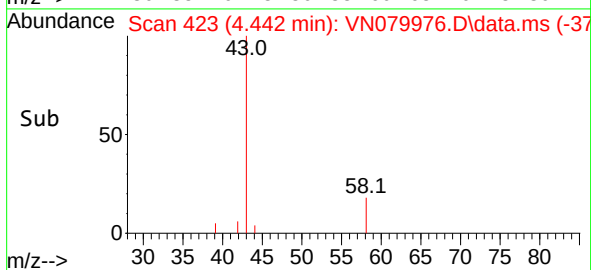
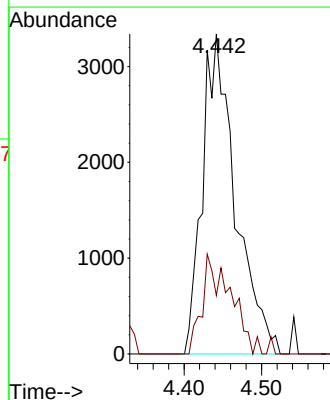
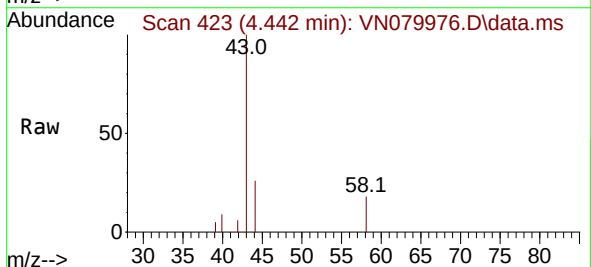
Instrument :
MSVOA_N
ClientSampleId :
1079

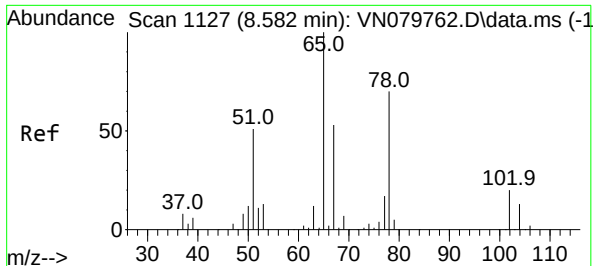
Tgt Ion:168 Resp: 283655
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#16
Acetone
Concen: 6.500 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

Tgt Ion: 43 Resp: 9867
Ion Ratio Lower Upper
43 100
58 18.3 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 56.443 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079976.D

Acq: 07 Nov 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

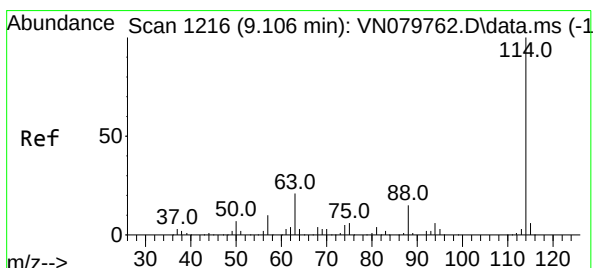
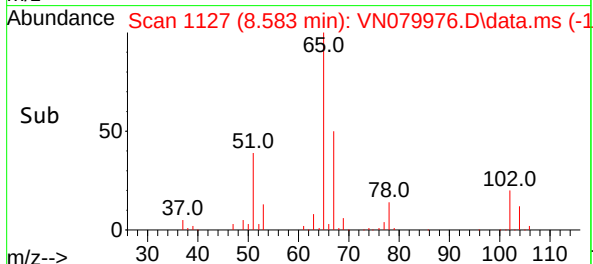
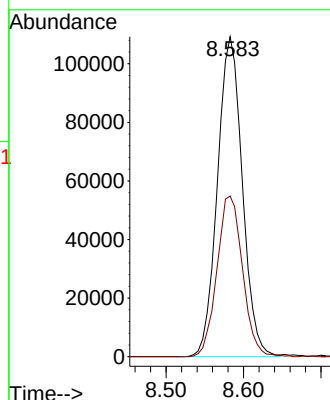
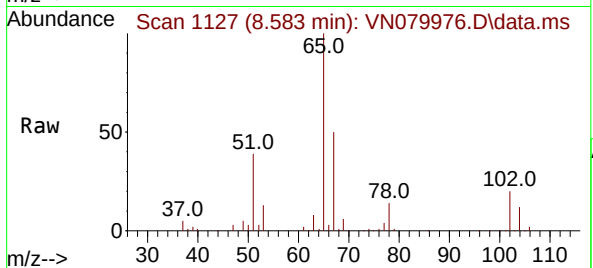
1079

Tgt Ion: 65 Resp: 243925

Ion Ratio Lower Upper

65 100

67 51.6 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: VN079976.D

Acq: 07 Nov 2023 19:46

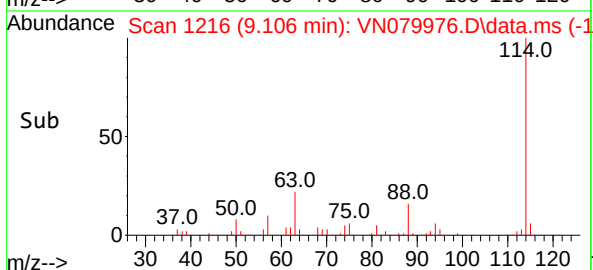
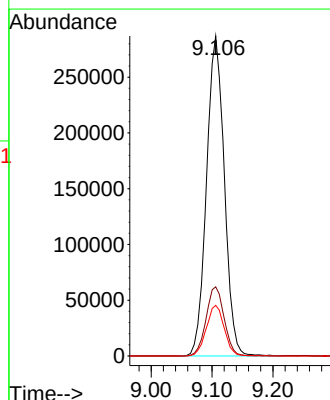
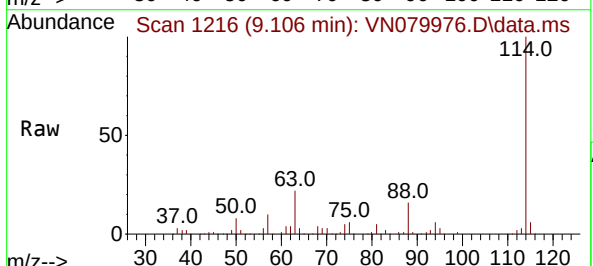
Tgt Ion: 114 Resp: 584093

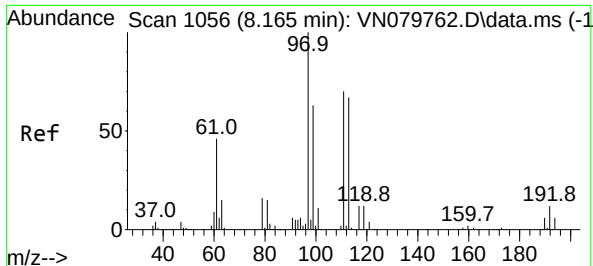
Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.477 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079976.D

Acq: 07 Nov 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

1079

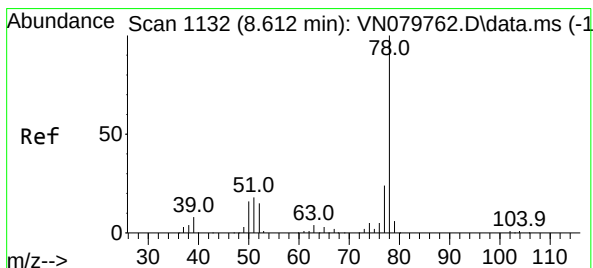
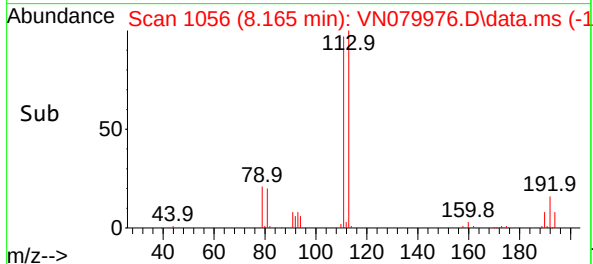
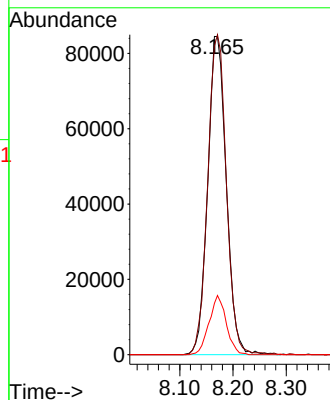
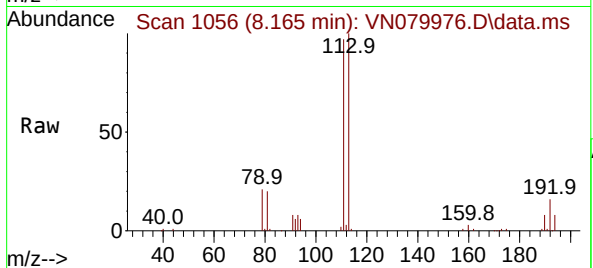
Tgt Ion:113 Resp: 204537

Ion Ratio Lower Upper

113 100

111 100.7 82.6 123.8

192 17.2 12.7 19.1



#40

Benzene

Concen: 11.052 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079976.D

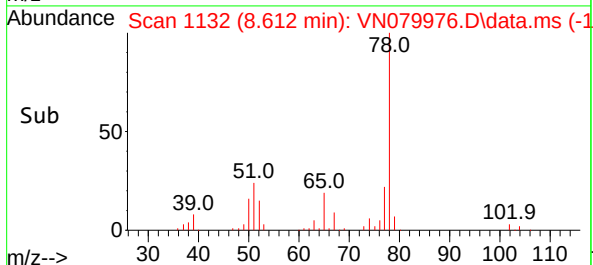
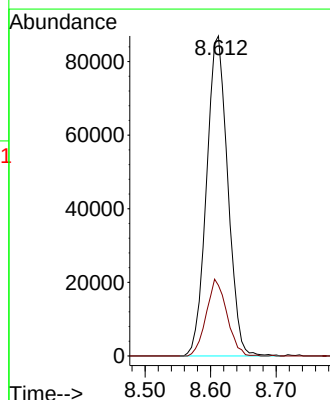
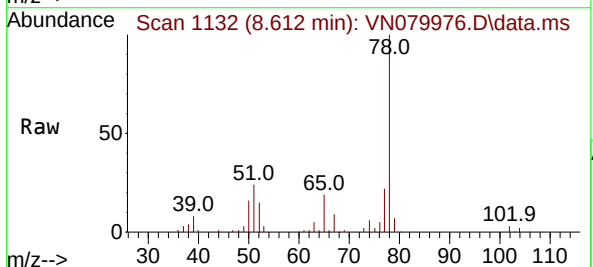
Acq: 07 Nov 2023 19:46

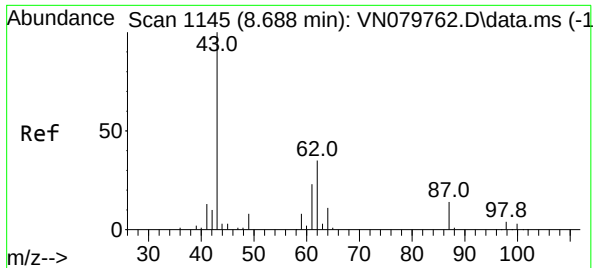
Tgt Ion: 78 Resp: 195383

Ion Ratio Lower Upper

78 100

77 22.0 19.0 28.6

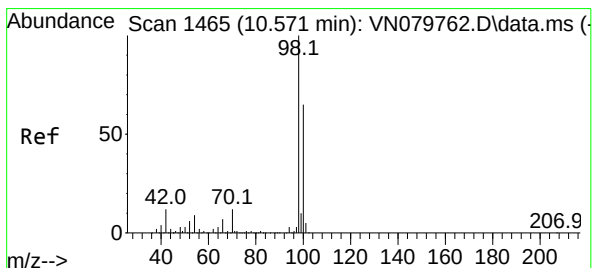
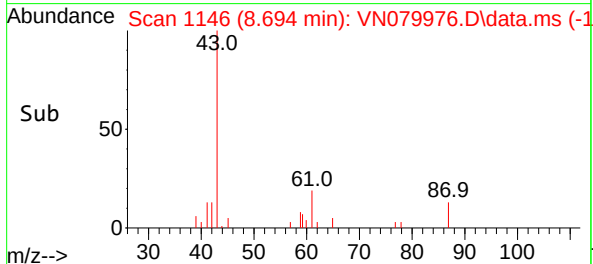
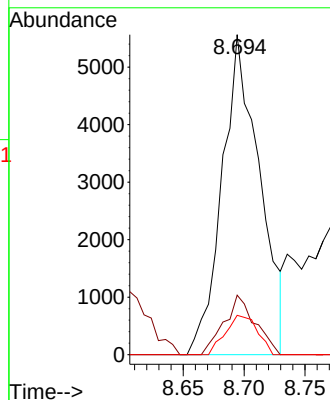
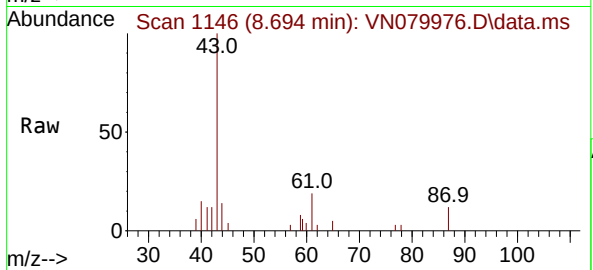




#43
Isopropyl Acetate
Concen: 1.258 ug/l
RT: 8.694 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

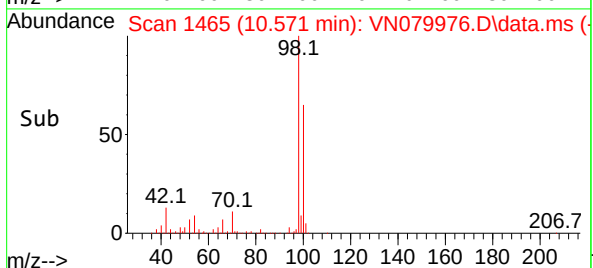
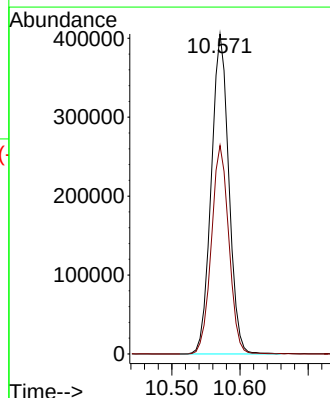
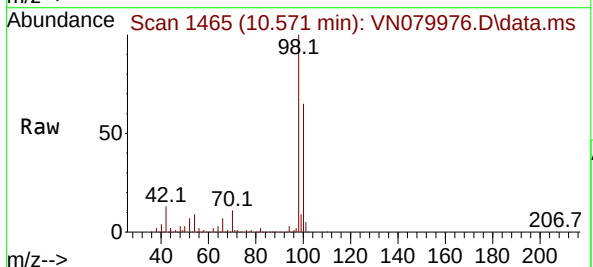
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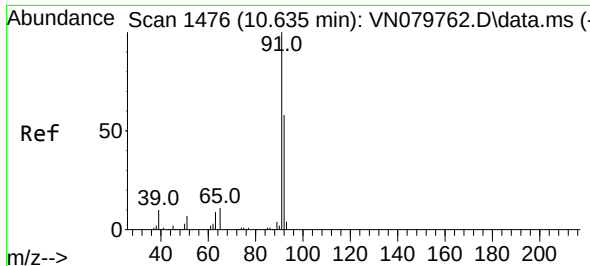
Tgt Ion: 43 Resp: 11945
Ion Ratio Lower Upper
43 100
61 15.4 24.7 37.1#
87 10.4 14.6 21.8#



#50
Toluene-d8
Concen: 47.785 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

Tgt Ion: 98 Resp: 727228
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

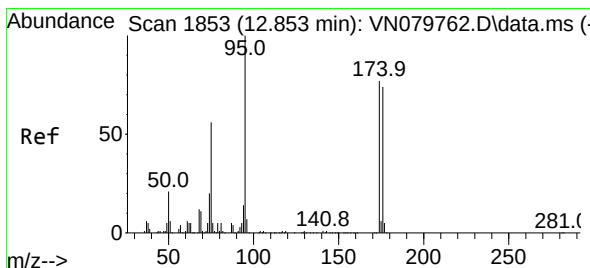
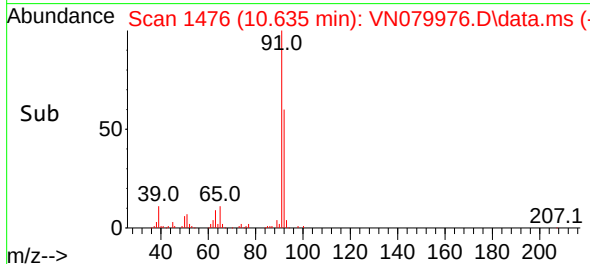
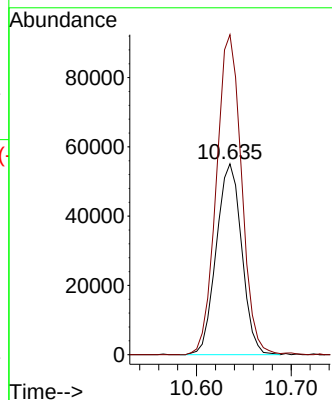
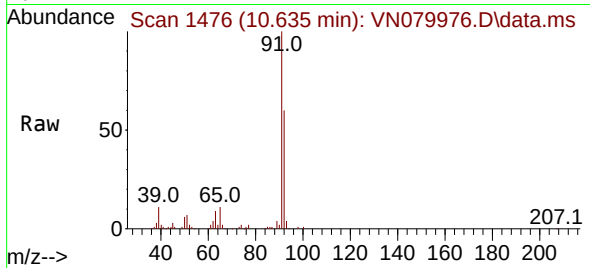




#52
Toluene
Concen: 9.809 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

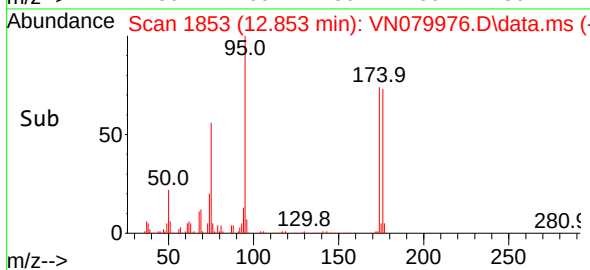
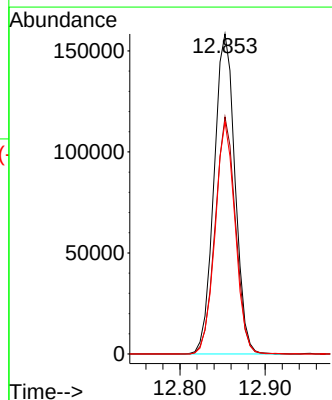
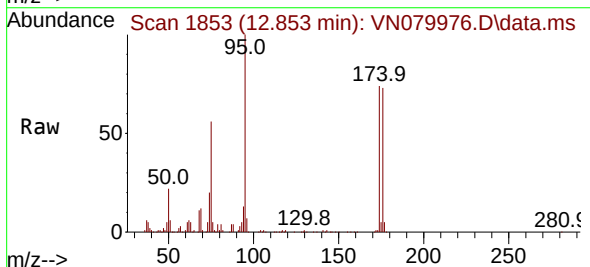
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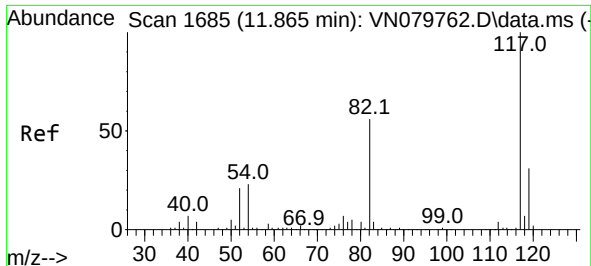
Tgt Ion: 92 Resp: 102813
Ion Ratio Lower Upper
92 100
91 166.7 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 53.741 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

Tgt Ion: 95 Resp: 271243
Ion Ratio Lower Upper
95 100
174 71.9 0.0 143.8
176 69.1 0.0 135.8

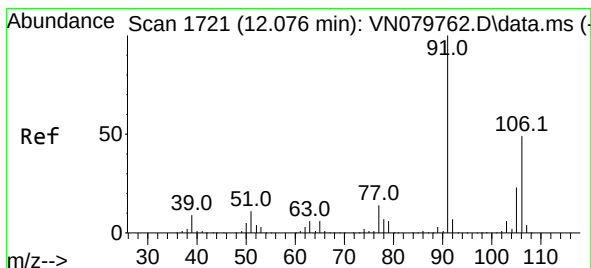
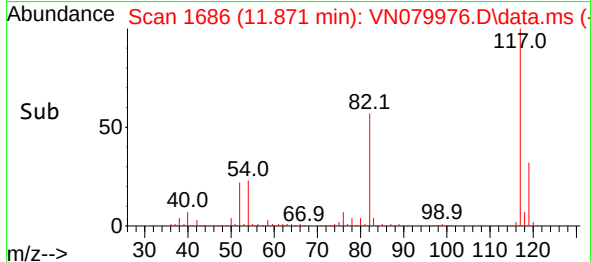
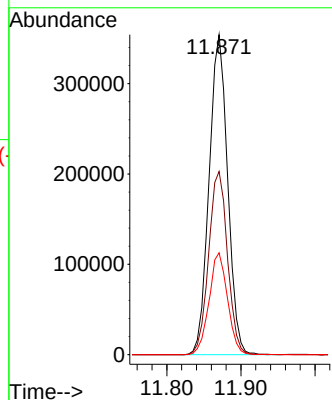
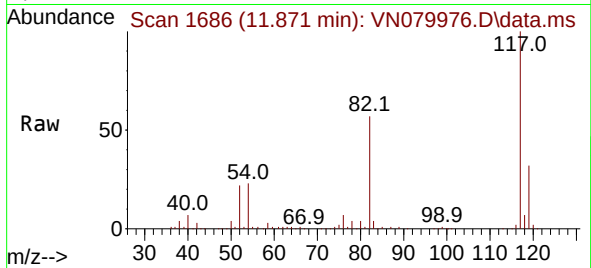




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

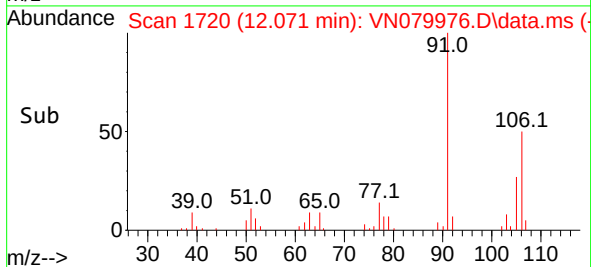
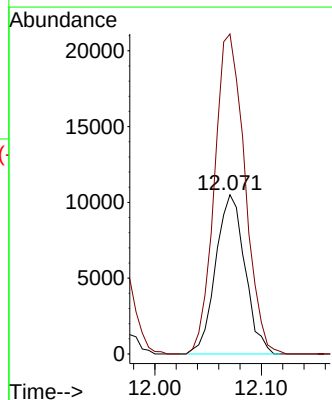
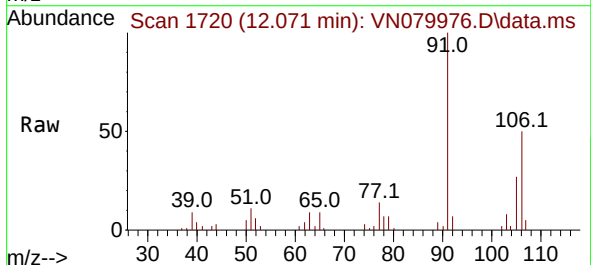
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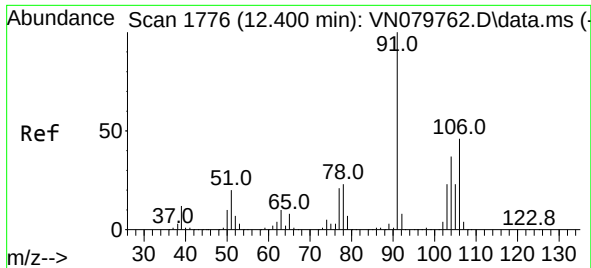
Tgt Ion:117 Resp: 616123
Ion Ratio Lower Upper
117 100
82 57.2 44.0 66.0
119 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 2.308 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

Tgt Ion:106 Resp: 20021
Ion Ratio Lower Upper
106 100
91 208.6 159.6 239.4

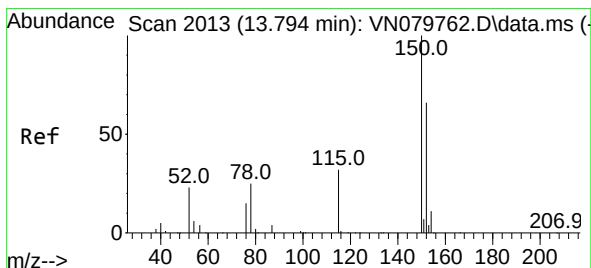
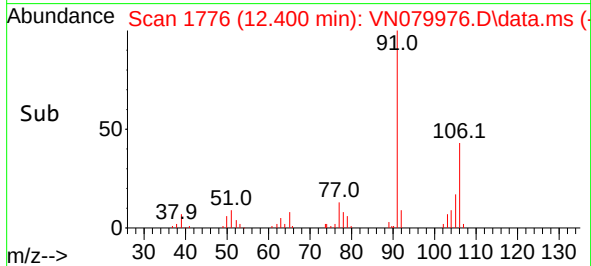
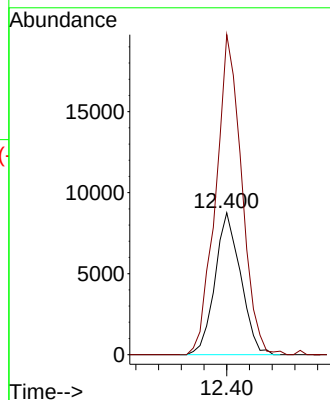
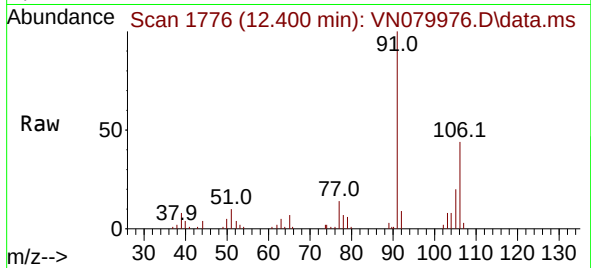




#69
o-Xylene
Concen: 1.647 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

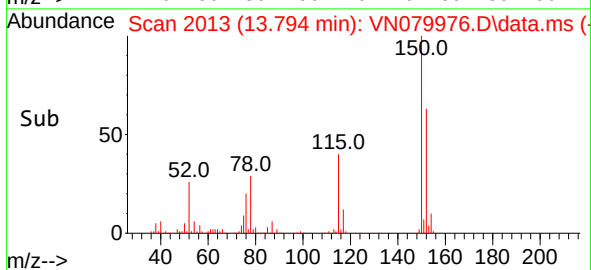
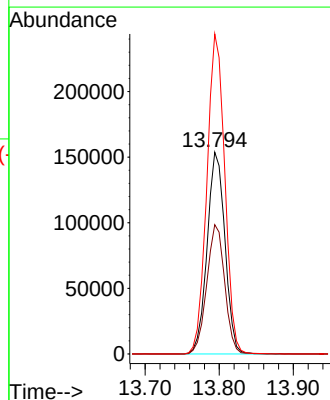
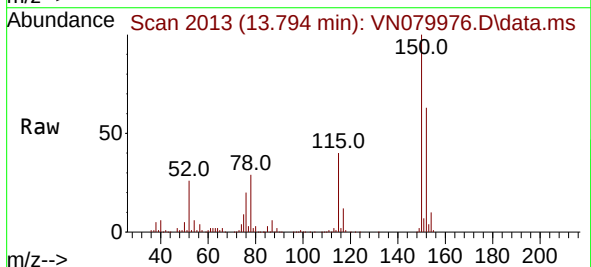
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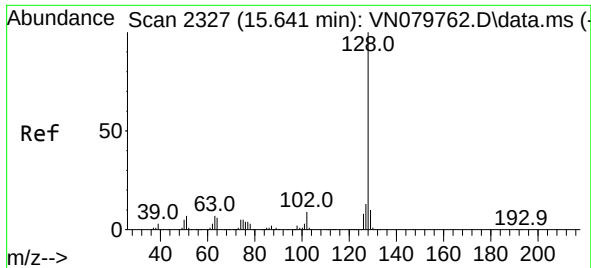
Tgt Ion:106 Resp: 13757
Ion Ratio Lower Upper
106 100
91 227.7 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079976.D
Acq: 07 Nov 2023 19:46

Tgt Ion:152 Resp: 256733
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 159.0 0.0 355.8





#95

Naphthalene

Concen: 15.593 ug/l

RT: 15.647 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN079976.D

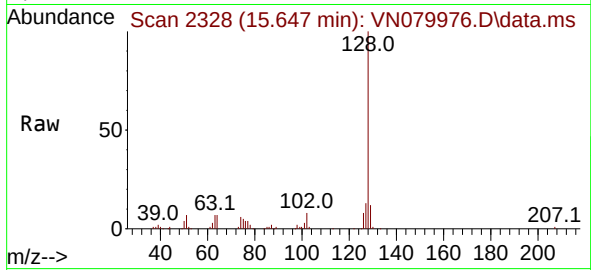
Acq: 07 Nov 2023 19:46

Instrument :

MSVOA_N

ClientSampleId :

1079



Tgt Ion:128 Resp: 210632

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.4 8.7 13.1

