

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079974.D
 Acq On : 07 Nov 2023 18:58
 Operator : JC\MD
 Sample : 05107-30 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1077

Quant Time: Nov 08 04:33:45 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)

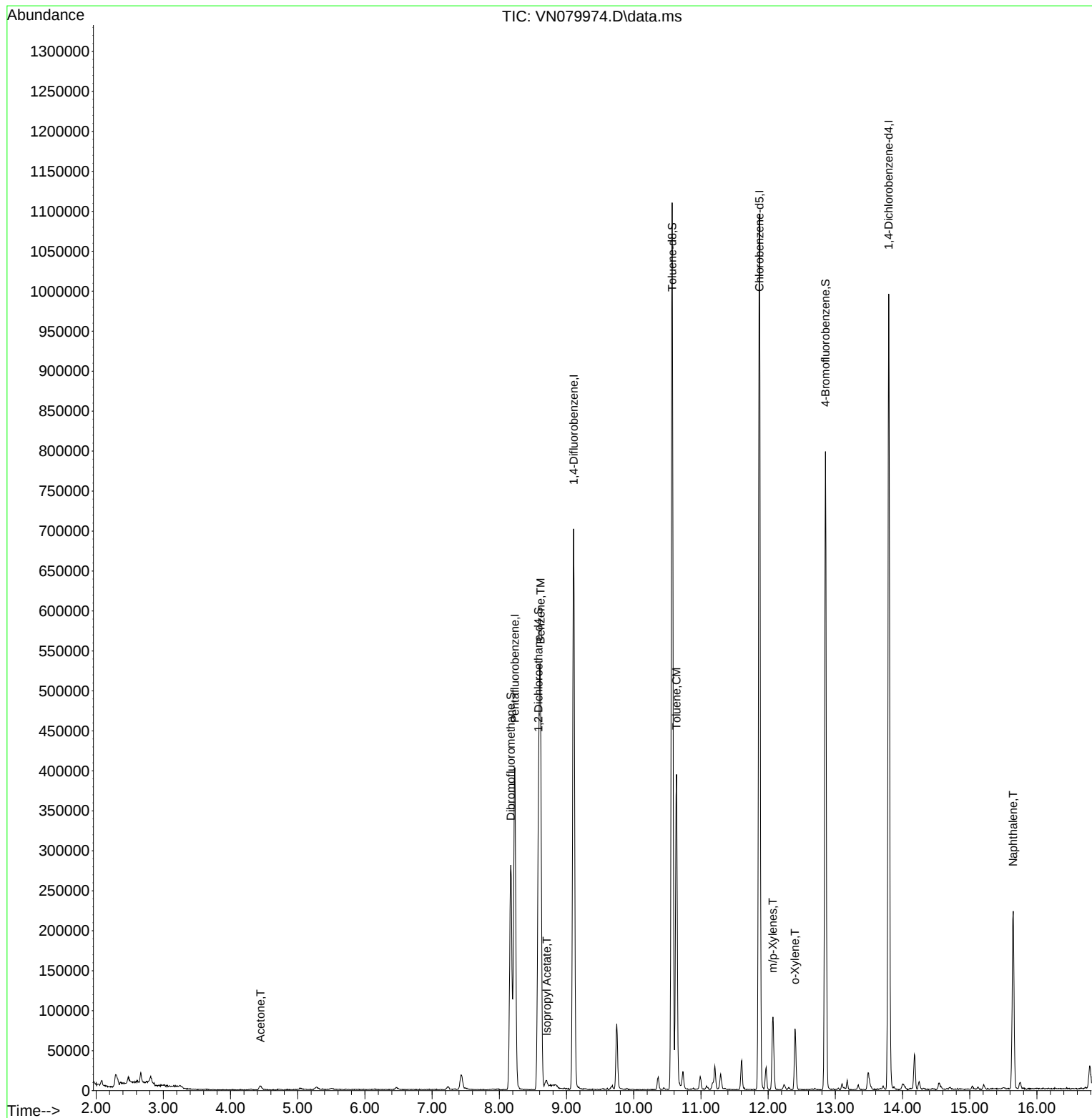
Internal Standards						
1) Pentafluorobenzene	8.230	168	282127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	585034	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	614579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	251702	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	246044	57.242	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.480%
35) Dibromofluoromethane	8.171	113	203324	49.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	10.571	98	741152	48.622	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.240%
62) 4-Bromofluorobenzene	12.853	95	270382	53.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.960%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	10270	6.802	ug/l #	81
40) Benzene	8.612	78	475791	26.869	ug/l	96
43) Isopropyl Acetate	8.706	43	14351	1.509	ug/l #	74
52) Toluene	10.635	92	170906	16.280	ug/l	100
68) m/p-Xylenes	12.071	106	27851	3.219	ug/l	90
69) o-Xylene	12.400	106	19140	2.297	ug/l	95
95) Naphthalene	15.647	128	203607	15.374	ug/l	99

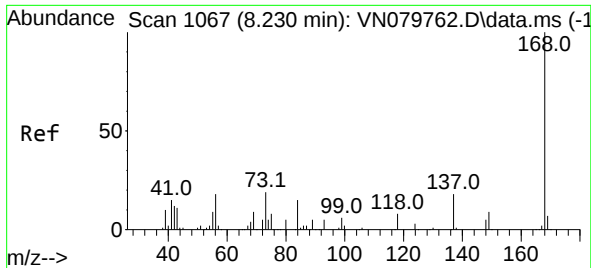
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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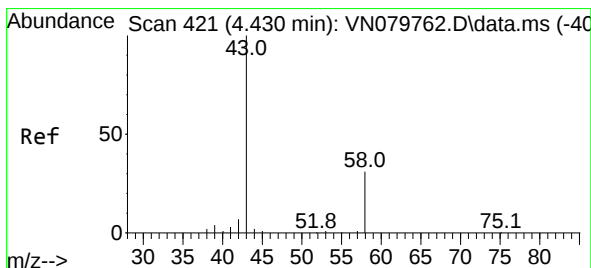
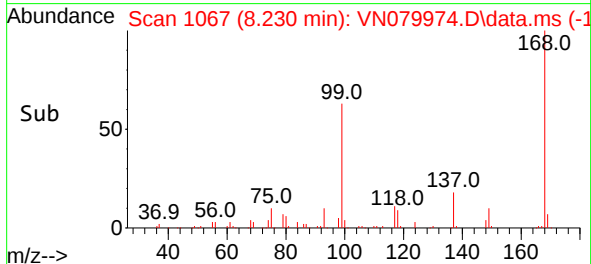
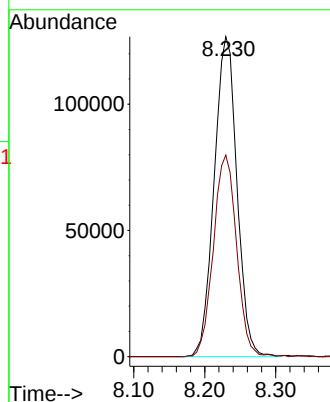
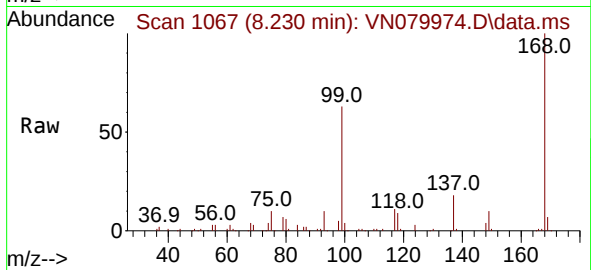




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

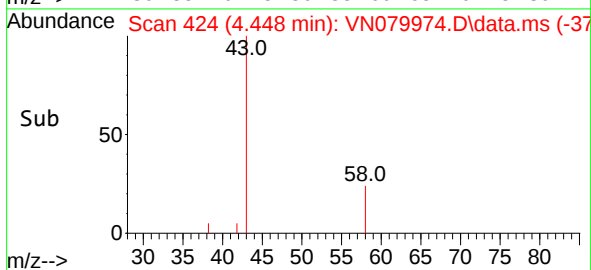
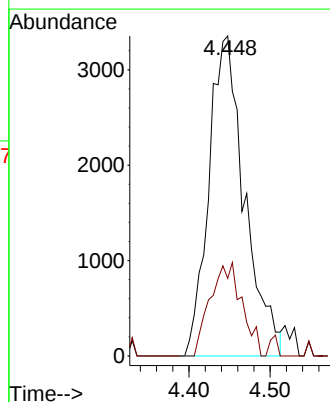
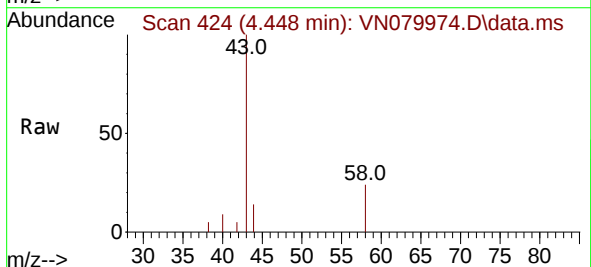
Instrument :
MSVOA_N
ClientSampleId :
1077

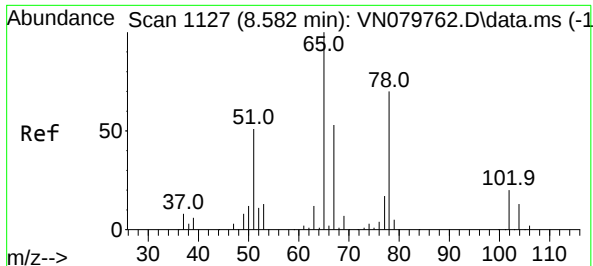
Tgt Ion:168 Resp: 282127
Ion Ratio Lower Upper
168 100
99 63.0 53.0 79.6



#16
Acetone
Concen: 6.802 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

Tgt Ion: 43 Resp: 10270
Ion Ratio Lower Upper
43 100
58 24.2 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 57.242 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079974.D

Acq: 07 Nov 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

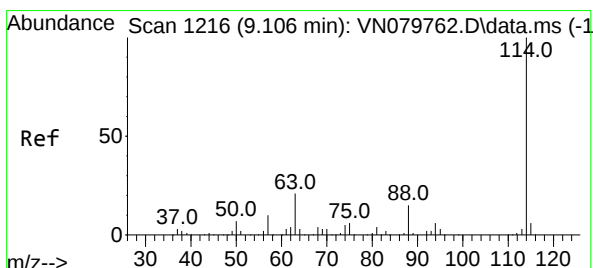
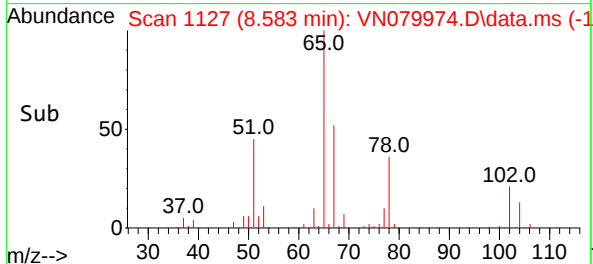
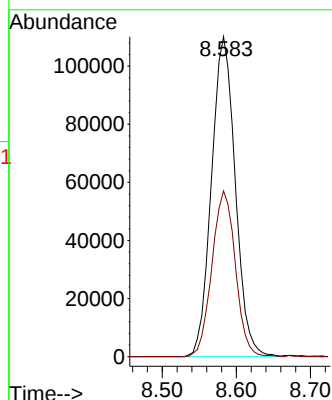
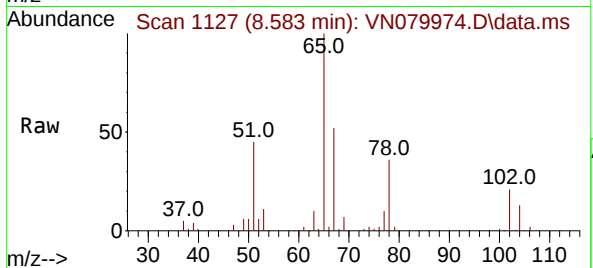
1077

Tgt Ion: 65 Resp: 246044

Ion Ratio Lower Upper

65 100

67 50.9 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: VN079974.D

Acq: 07 Nov 2023 18:58

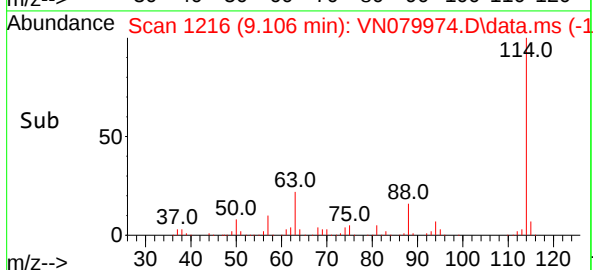
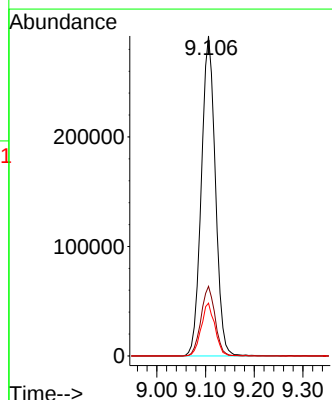
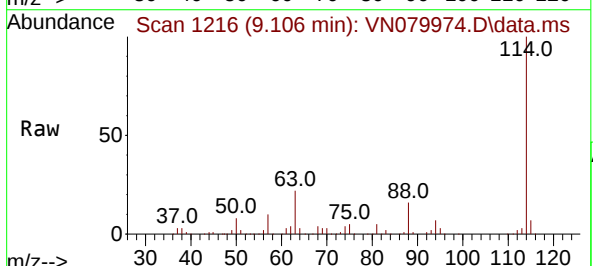
Tgt Ion: 114 Resp: 585034

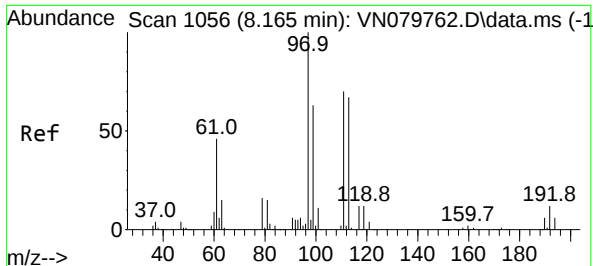
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.5 0.0 30.6

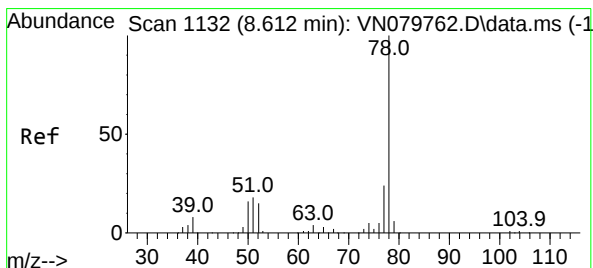
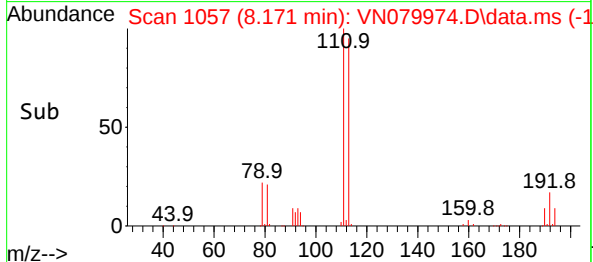
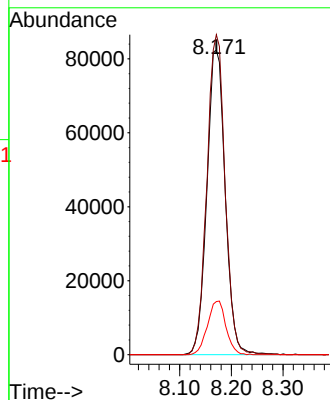
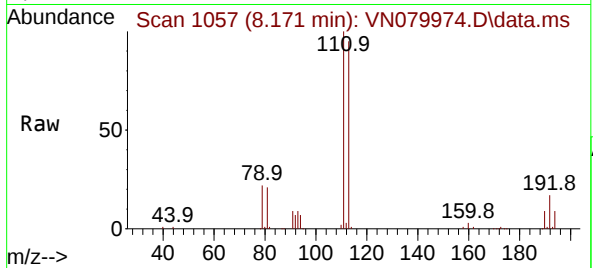




#35
Dibromofluoromethane
Concen: 49.105 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

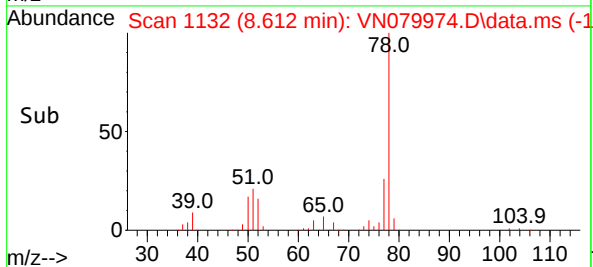
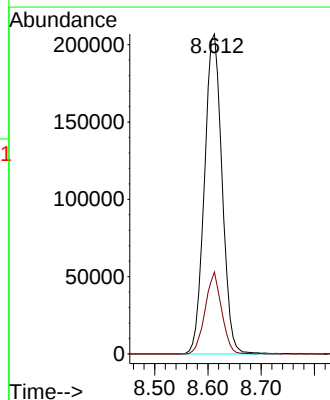
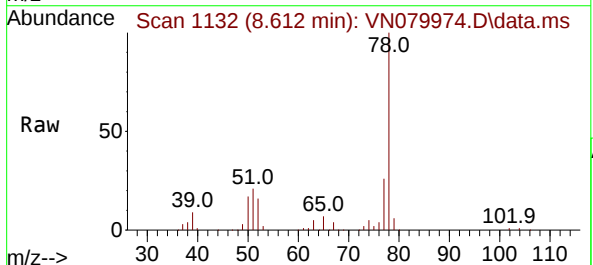
Instrument :
MSVOA_N
ClientSampleId :
1077

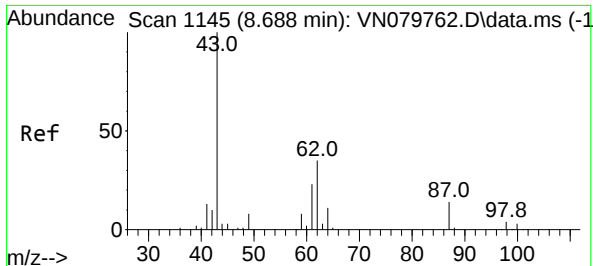
Tgt Ion:113 Resp: 203324
Ion Ratio Lower Upper
113 100
111 104.1 82.6 123.8
192 17.7 12.7 19.1



#40
Benzene
Concen: 26.869 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

Tgt Ion: 78 Resp: 475791
Ion Ratio Lower Upper
78 100
77 25.6 19.0 28.6





#43

Isopropyl Acetate

Concen: 1.509 ug/l

RT: 8.706 min Scan# 1145

Delta R.T. 0.018 min

Lab File: VN079974.D

Acq: 07 Nov 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

1077

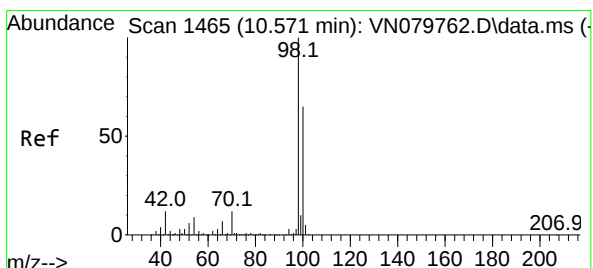
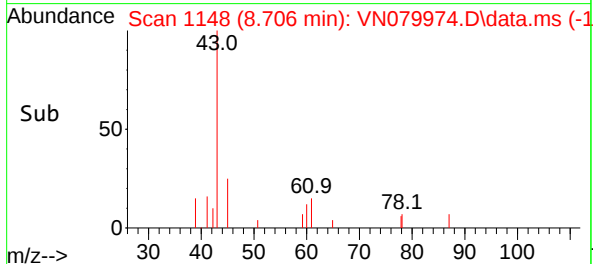
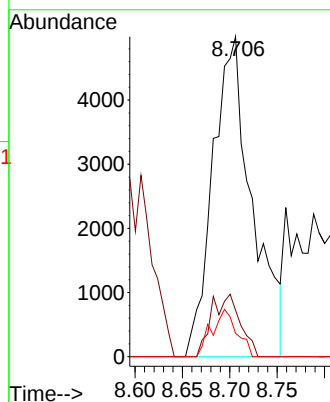
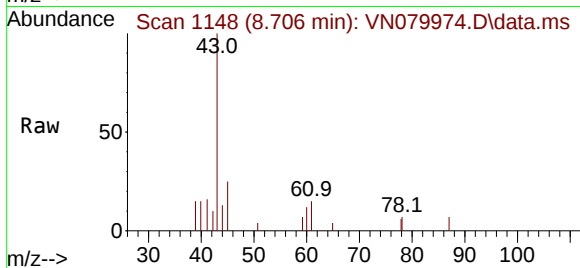
Tgt Ion: 43 Resp: 14351

Ion Ratio Lower Upper

43 100

61 14.3 24.7 37.1#

87 9.5 14.6 21.8#



#50

Toluene-d8

Concen: 48.622 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079974.D

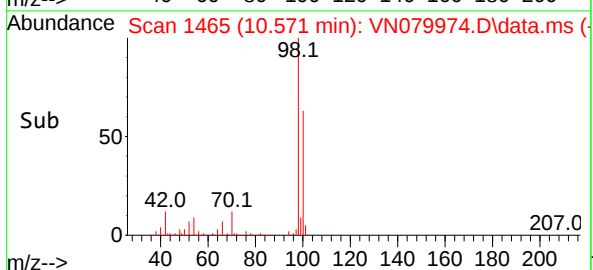
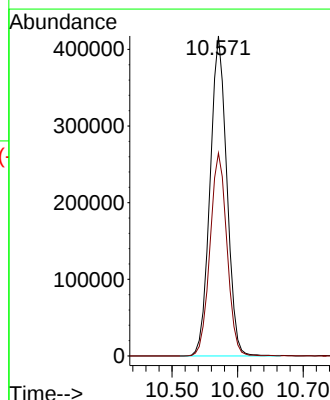
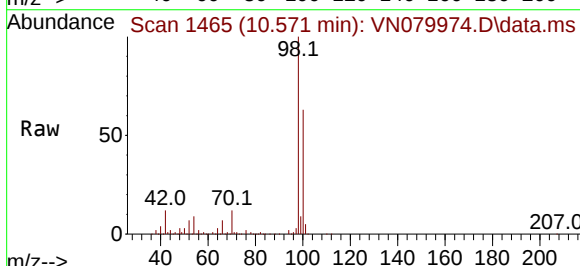
Acq: 07 Nov 2023 18:58

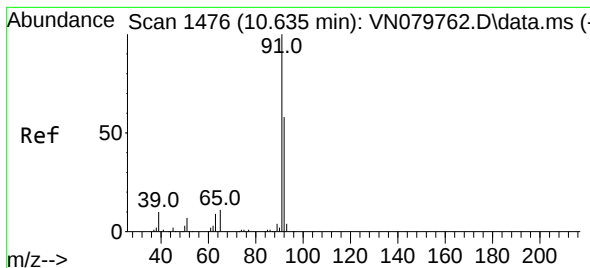
Tgt Ion: 98 Resp: 741152

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0





#52

Toluene

Concen: 16.280 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079974.D

Acq: 07 Nov 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

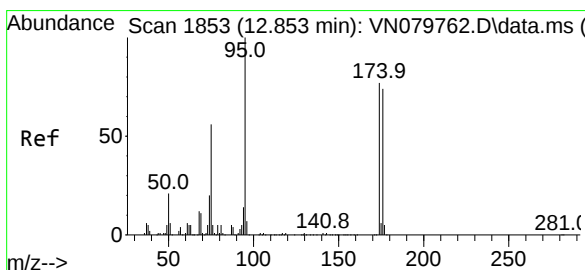
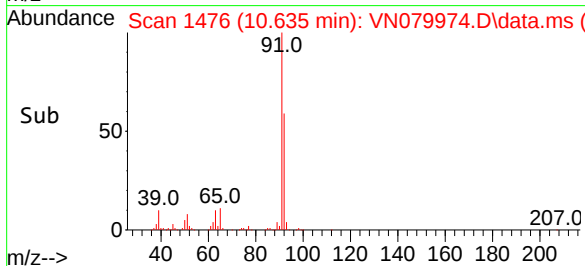
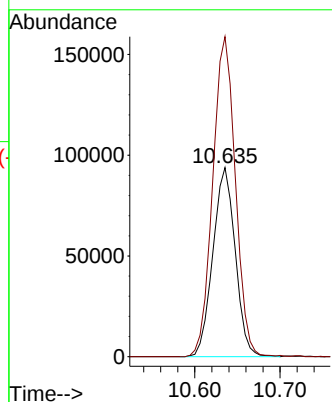
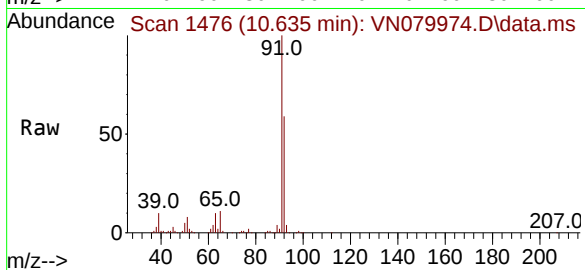
1077

Tgt Ion: 92 Resp: 170906

Ion Ratio Lower Upper

92 100

91 171.5 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 53.484 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079974.D

Acq: 07 Nov 2023 18:58

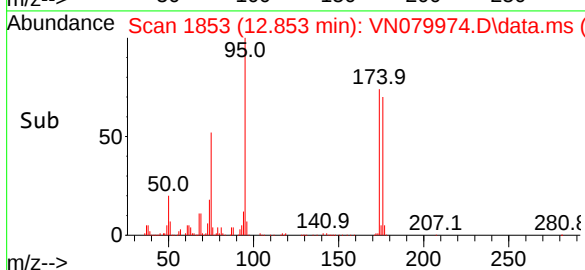
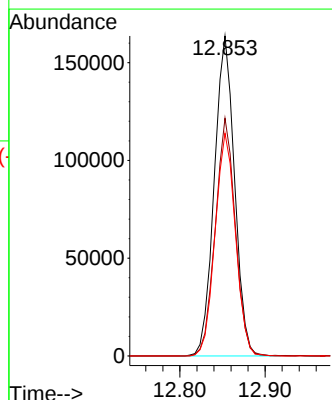
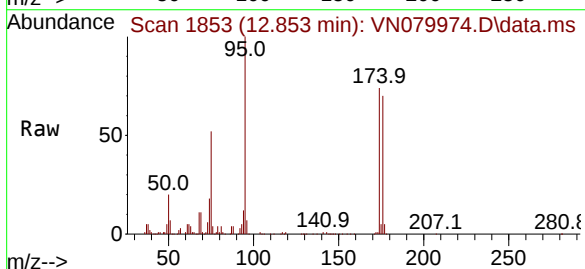
Tgt Ion: 95 Resp: 270382

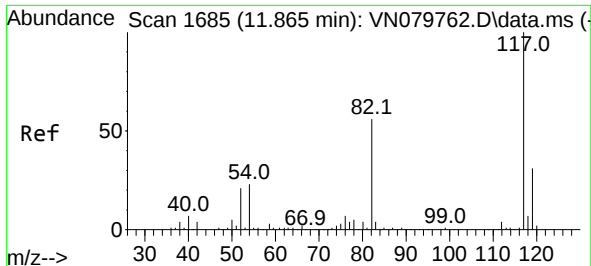
Ion Ratio Lower Upper

95 100

174 73.4 0.0 143.8

176 69.9 0.0 135.8

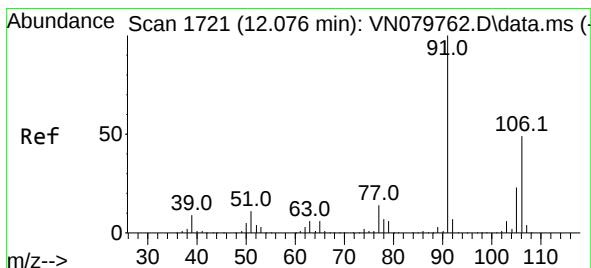
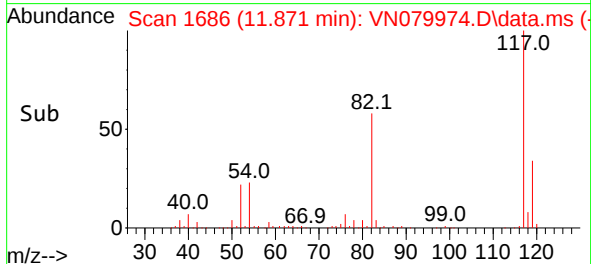
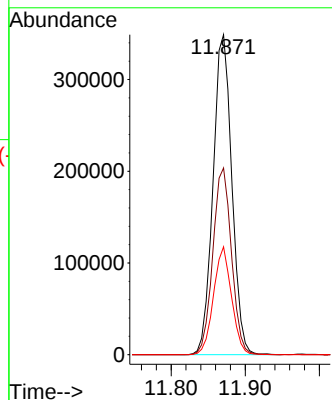
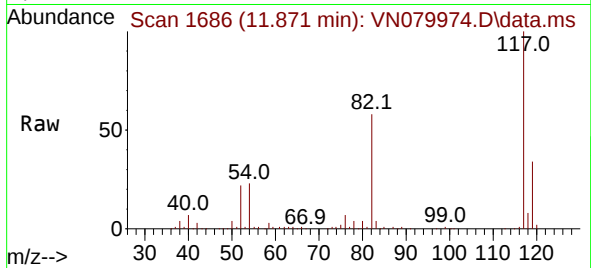




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

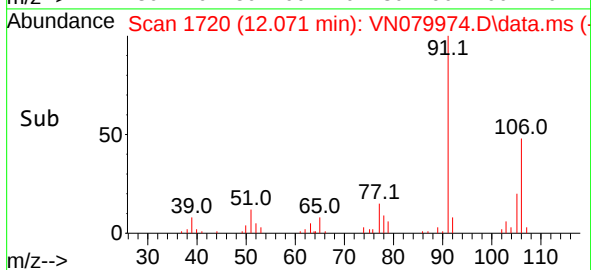
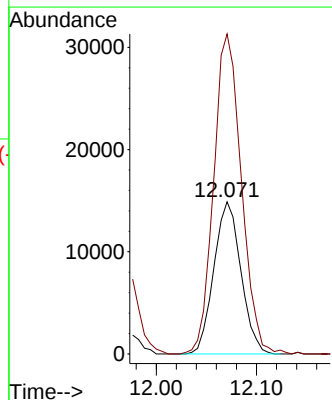
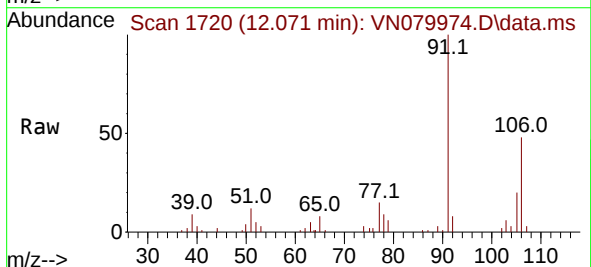
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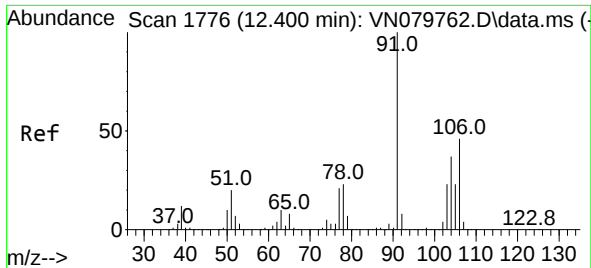
Tgt Ion:117 Resp: 614579
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 33.7 25.6 38.4



#68
m/p-Xylenes
Concen: 3.219 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

Tgt Ion:106 Resp: 27851
Ion Ratio Lower Upper
106 100
91 215.4 159.6 239.4

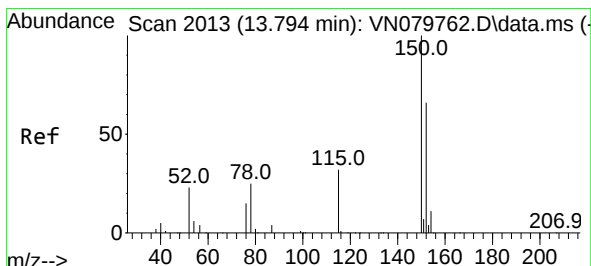
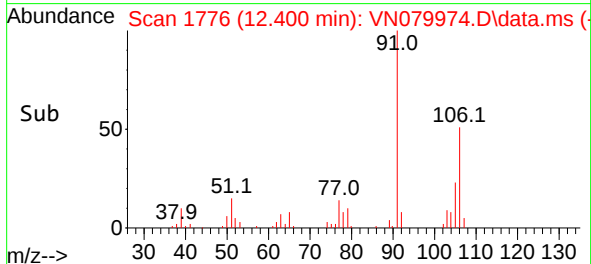
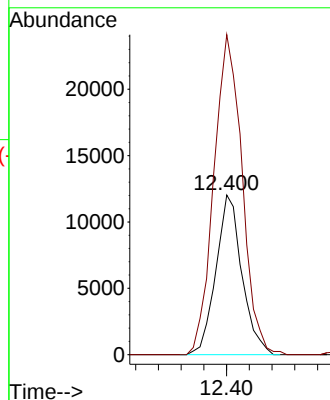
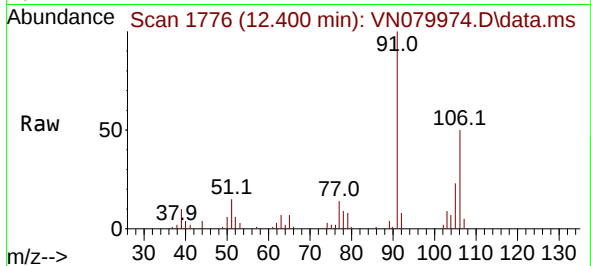




#69
o-Xylene
Concen: 2.297 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

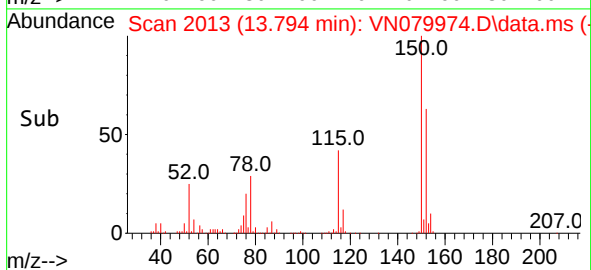
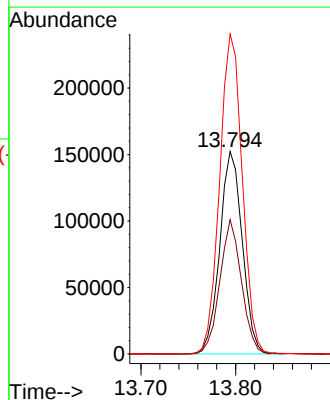
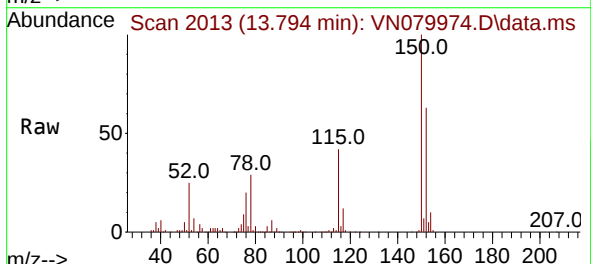
Instrument :
MSVOA_N
ClientSampleId :
1077

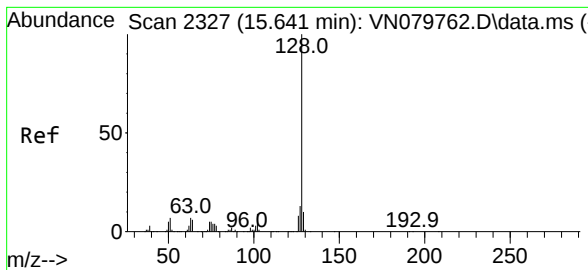
Tgt Ion:106 Resp: 19140
Ion Ratio Lower Upper
106 100
91 217.9 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

Tgt Ion:152 Resp: 251702
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 159.0 0.0 355.8





#95
Naphthalene
Concen: 15.374 ug/l
RT: 15.647 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN079974.D
Acq: 07 Nov 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :
1077

Tgt Ion:	128	Resp:	203607
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.0	15.0
129	11.5	8.7	13.1

