

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110723\
 Data File : VN079977.D
 Acq On : 07 Nov 2023 20:10
 Operator : JC\MD
 Sample : 05107-33 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1080

Quant Time: Nov 08 04:35:23 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)

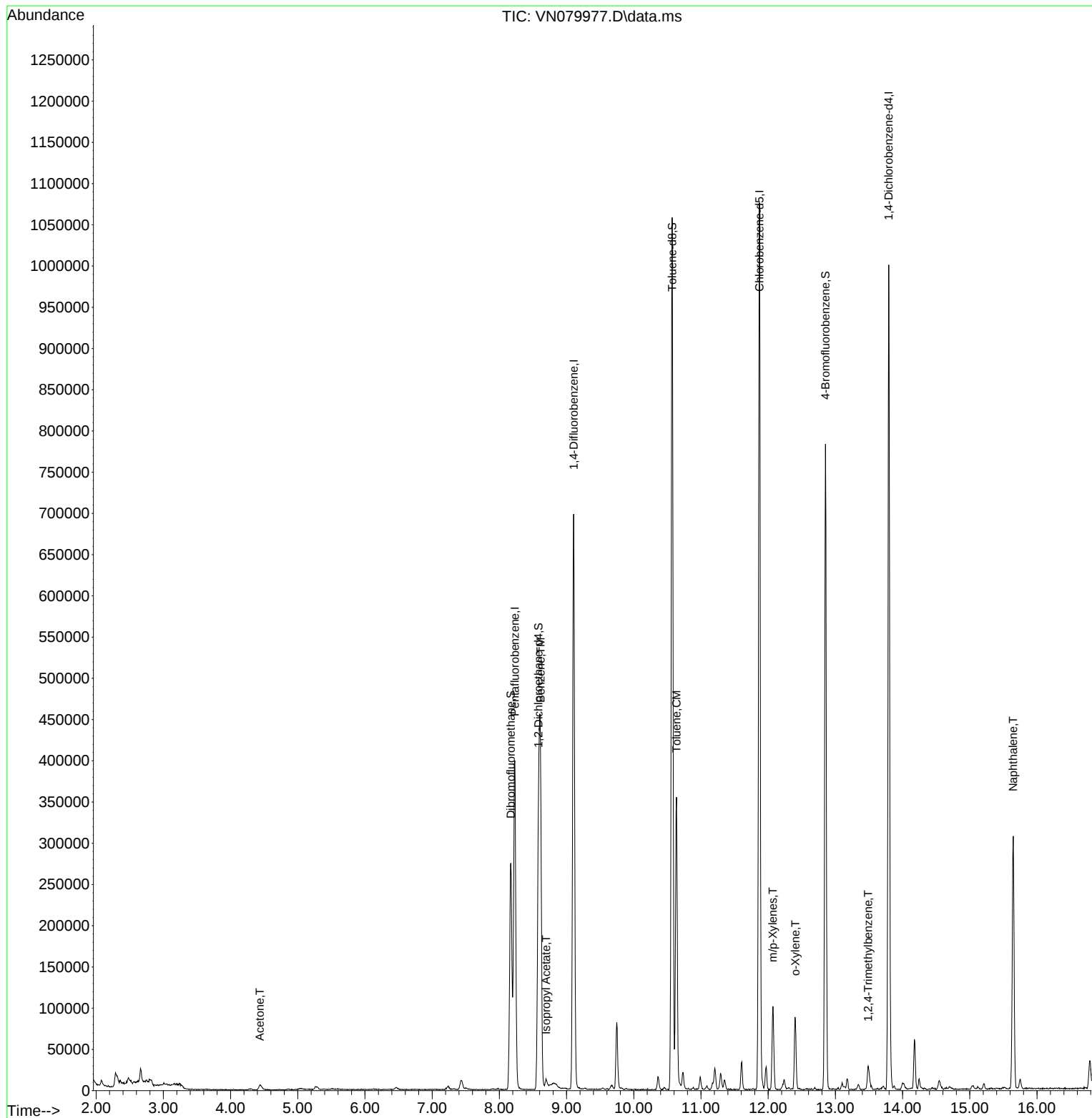
Internal Standards						
1) Pentafluorobenzene	8.230	168	282830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	607675	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	243140	56.426	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 112.860%		
35) Dibromofluoromethane	8.171	113	202257	49.624	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.240%		
50) Toluene-d8	10.571	98	718929	47.914	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.820%		
62) 4-Bromofluorobenzene	12.853	95	267773	53.810	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 107.620%		
Target Compounds						
						Qvalue
16) Acetone	4.436	43	12941	8.550	ug/l	95
40) Benzene	8.612	78	390418	22.399	ug/l	98
43) Isopropyl Acetate	8.694	43	13026	1.392	ug/l #	77
52) Toluene	10.635	92	152982	14.804	ug/l	98
68) m/p-Xylenes	12.071	106	29755	3.478	ug/l	91
69) o-Xylene	12.406	106	22525	2.734	ug/l	93
84) 1,2,4-Trimethylbenzene	13.488	105	18102	1.234	ug/l	87
95) Naphthalene	15.647	128	275861	20.756	ug/l	99

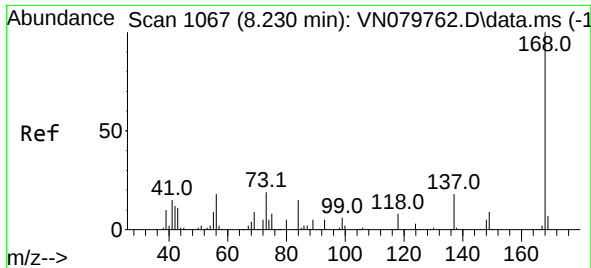
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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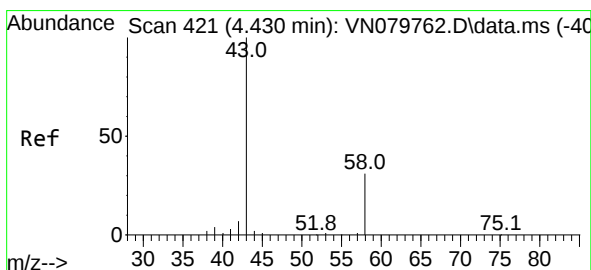
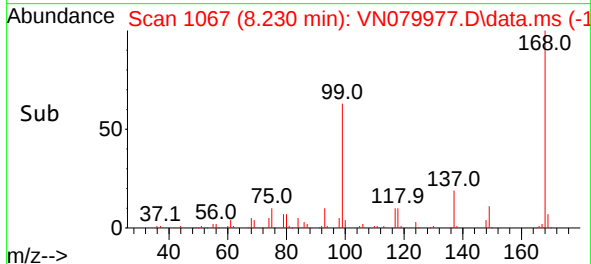
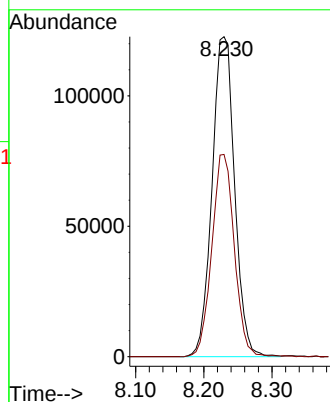
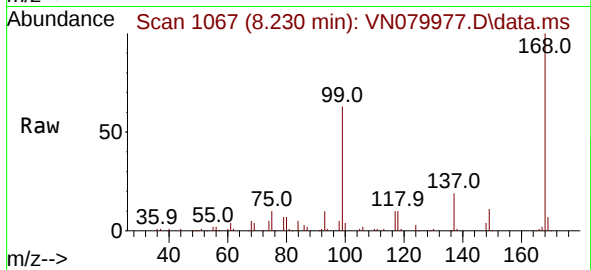




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

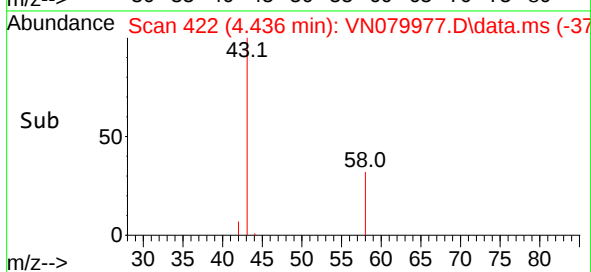
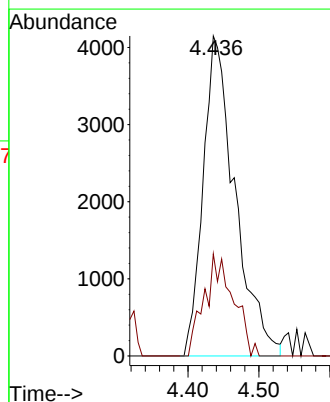
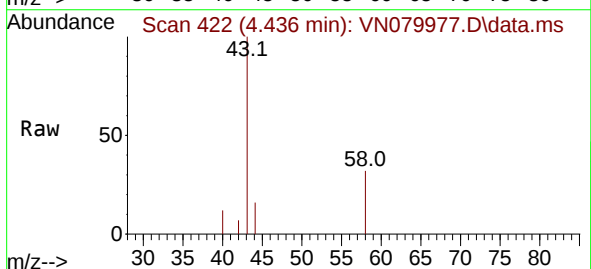
Instrument :
MSVOA_N
ClientSampleId :
1080

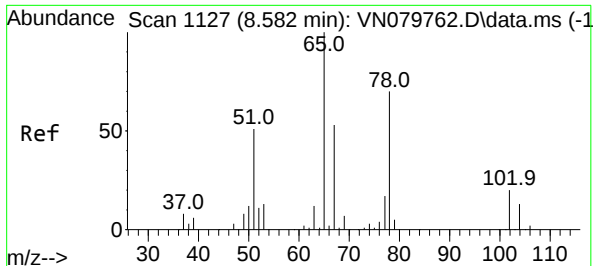
Tgt Ion:168 Resp: 282830
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 8.550 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

Tgt Ion: 43 Resp: 12941
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 56.426 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079977.D

Acq: 07 Nov 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

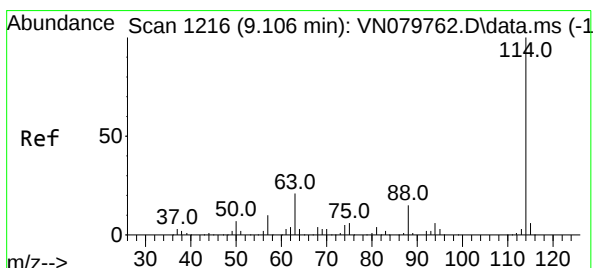
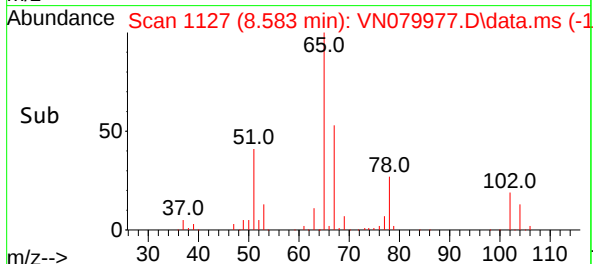
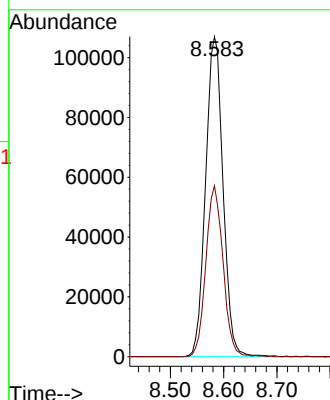
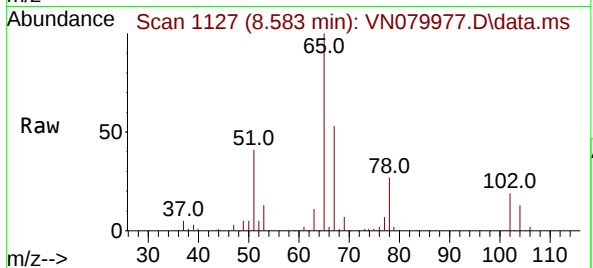
1080

Tgt Ion: 65 Resp: 243140

Ion Ratio Lower Upper

65 100

67 52.8 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: VN079977.D

Acq: 07 Nov 2023 20:10

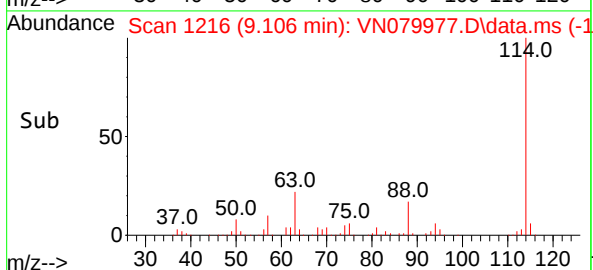
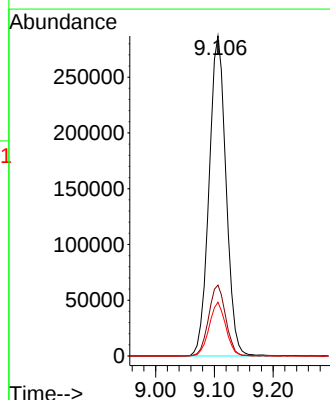
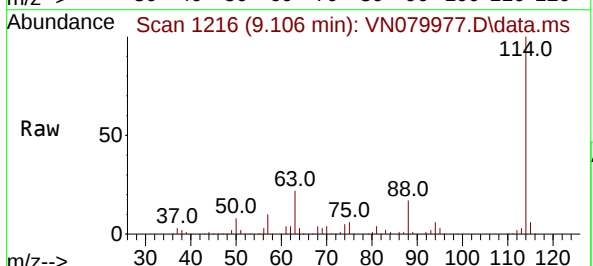
Tgt Ion: 114 Resp: 575876

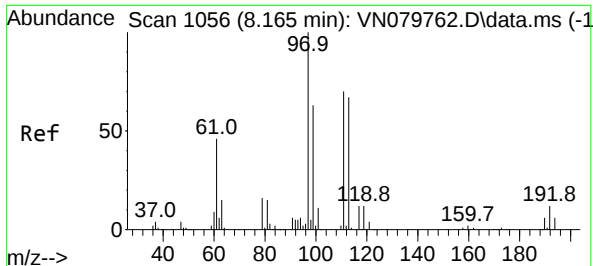
Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.624 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079977.D

Acq: 07 Nov 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

1080

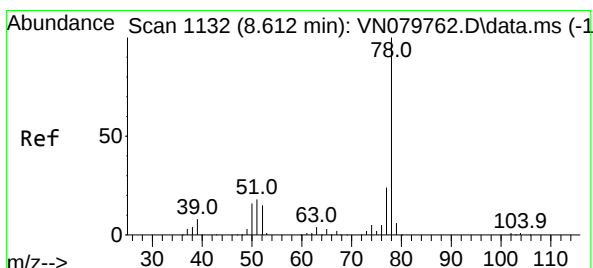
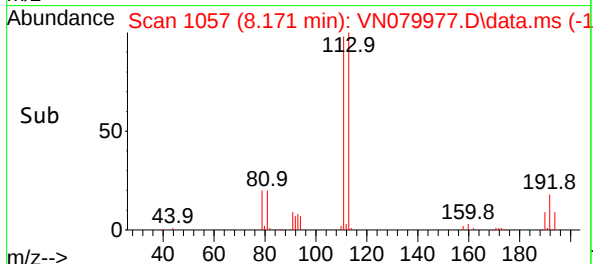
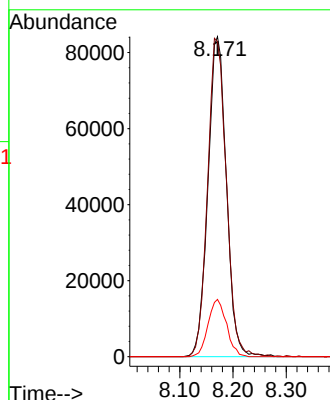
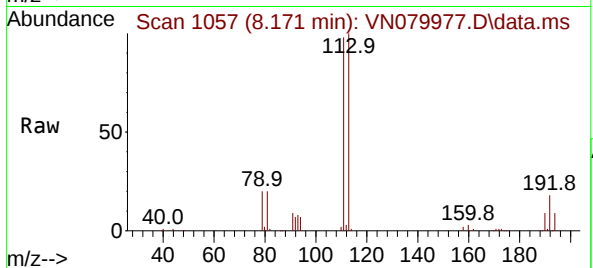
Tgt Ion:113 Resp: 202257

Ion Ratio Lower Upper

113 100

111 101.0 82.6 123.8

192 17.9 12.7 19.1



#40

Benzene

Concen: 22.399 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN079977.D

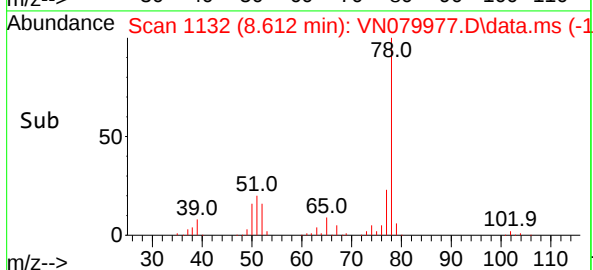
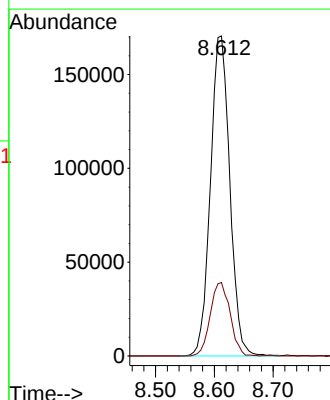
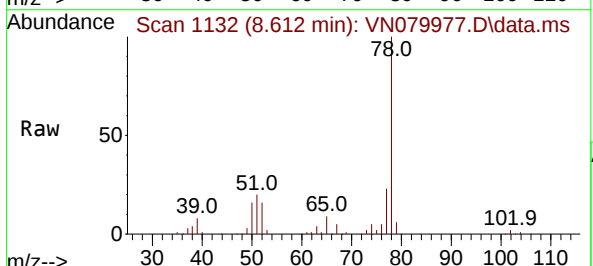
Acq: 07 Nov 2023 20:10

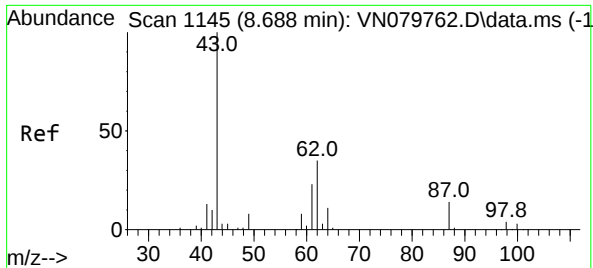
Tgt Ion: 78 Resp: 390418

Ion Ratio Lower Upper

78 100

77 23.0 19.0 28.6

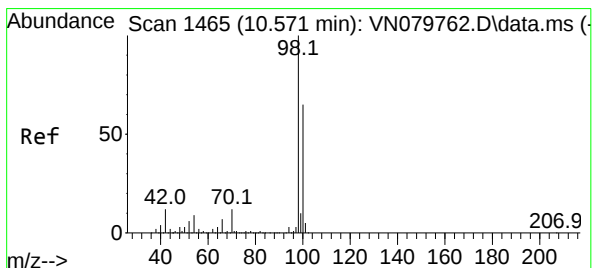
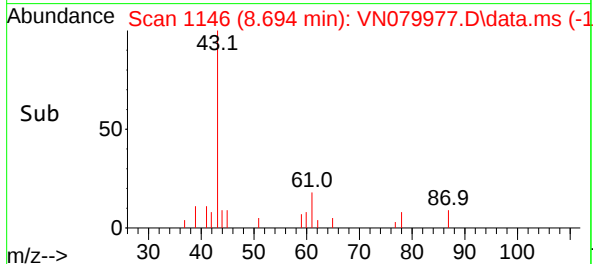
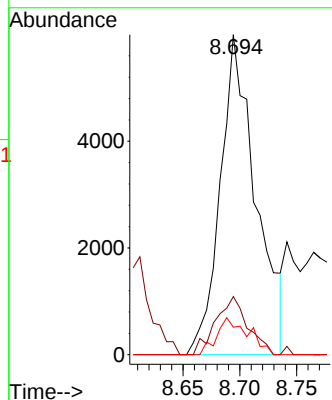
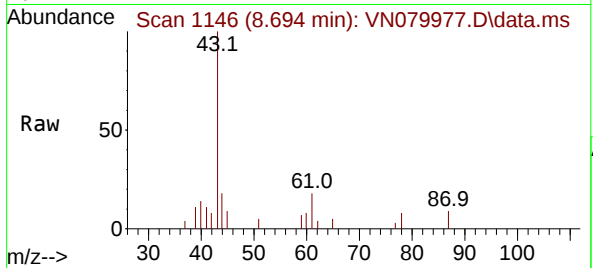




#43
Isopropyl Acetate
Concen: 1.392 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

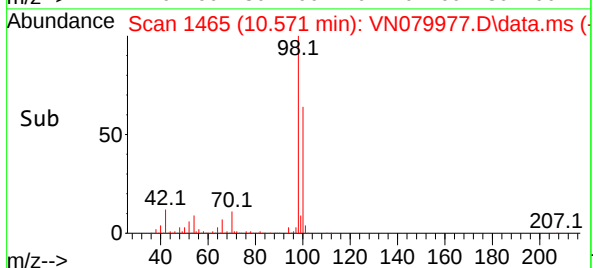
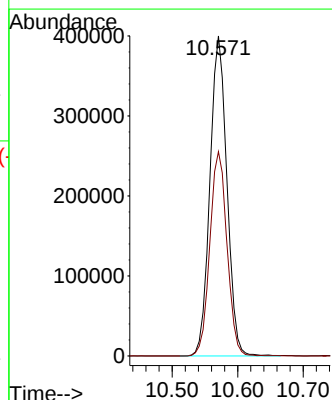
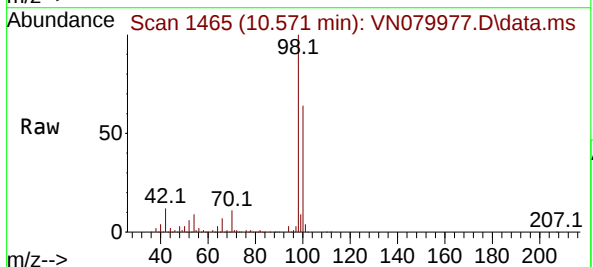
Instrument :
MSVOA_N
ClientSampleId :
1080

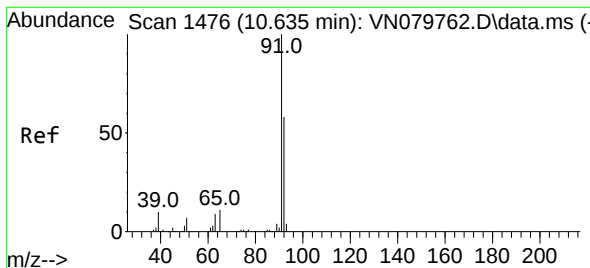
Tgt Ion: 43 Resp: 13026
Ion Ratio Lower Upper
43 100
61 16.5 24.7 37.1#
87 10.3 14.6 21.8#



#50
Toluene-d8
Concen: 47.914 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

Tgt Ion: 98 Resp: 718929
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#52

Toluene

Concen: 14.804 ug/l

RT: 10.635 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VN079977.D

Acq: 07 Nov 2023 20:10

Instrument :

MSVOA_N

ClientSampleId :

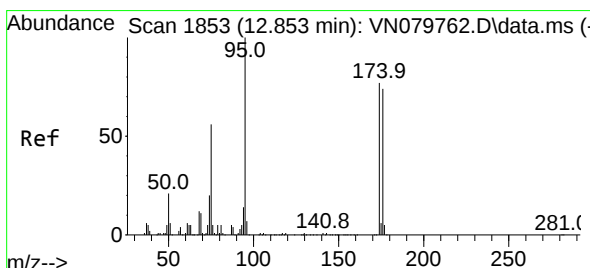
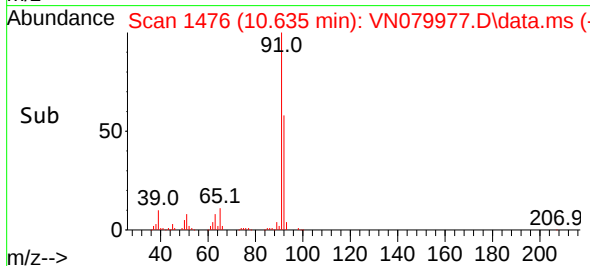
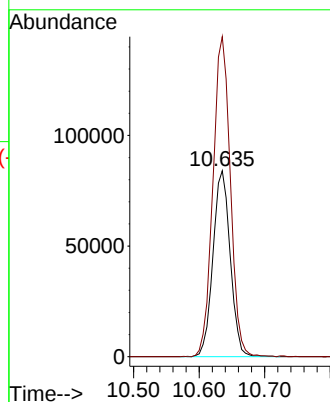
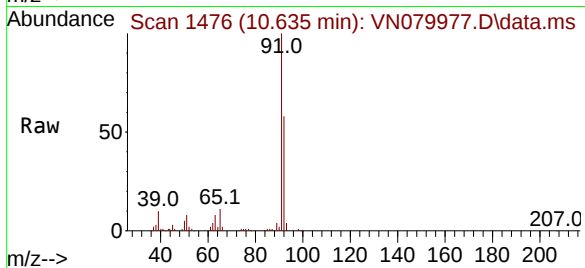
1080

Tgt Ion: 92 Resp: 152982

Ion Ratio Lower Upper

92 100

91 174.2 137.4 206.0



#62

4-Bromofluorobenzene

Concen: 53.810 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN079977.D

Acq: 07 Nov 2023 20:10

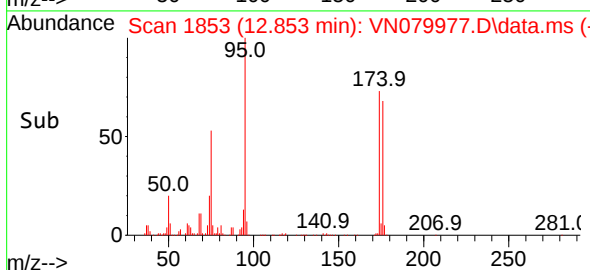
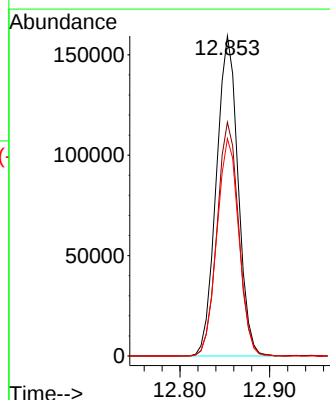
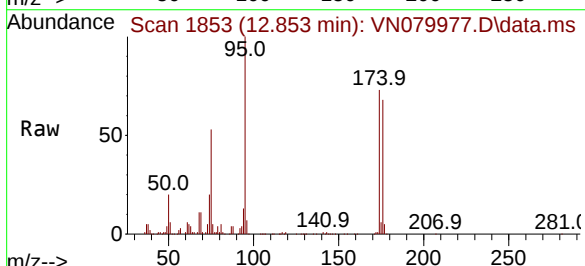
Tgt Ion: 95 Resp: 267773

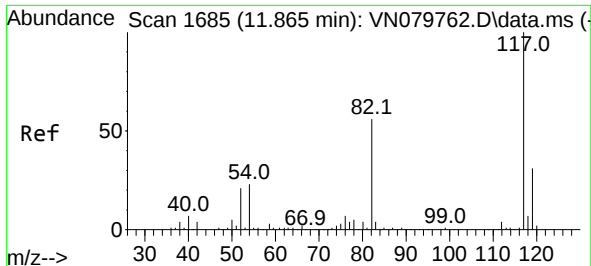
Ion Ratio Lower Upper

95 100

174 72.6 0.0 143.8

176 68.9 0.0 135.8

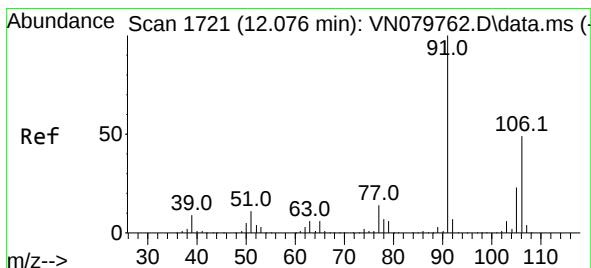
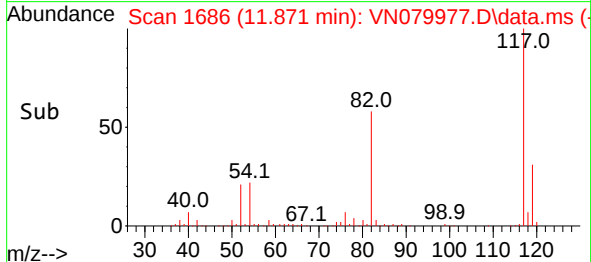
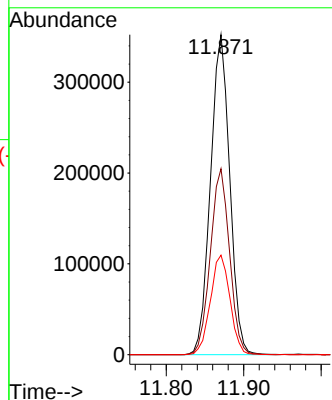
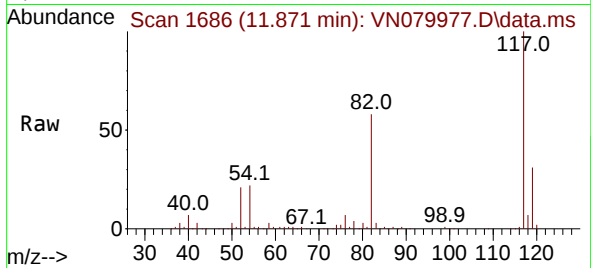




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

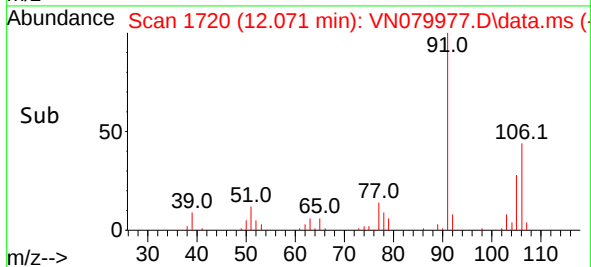
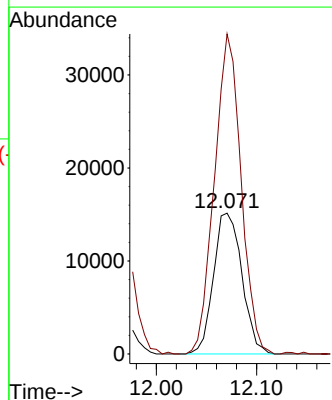
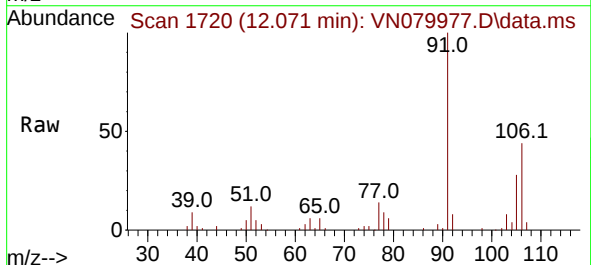
Instrument :
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ClientSampleId :
1080

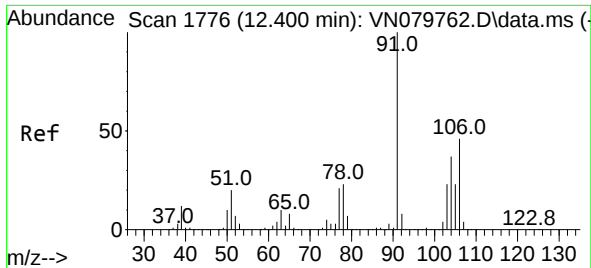
Tgt Ion:117 Resp: 607675
Ion Ratio Lower Upper
117 100
82 58.1 44.0 66.0
119 31.1 25.6 38.4



#68
m/p-Xylenes
Concen: 3.478 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

Tgt Ion:106 Resp: 29755
Ion Ratio Lower Upper
106 100
91 213.6 159.6 239.4

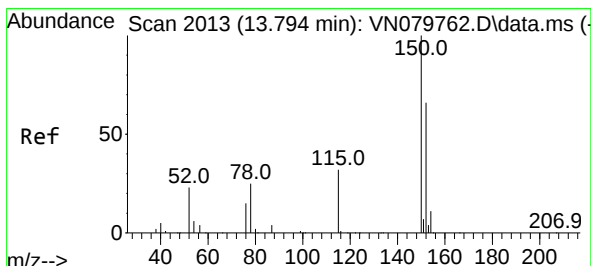
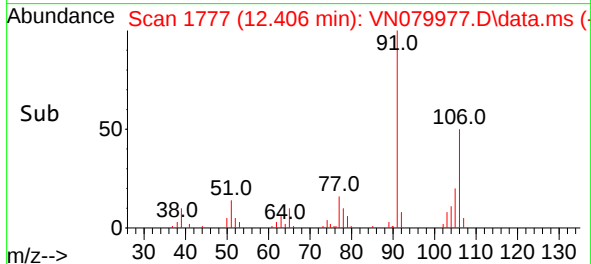
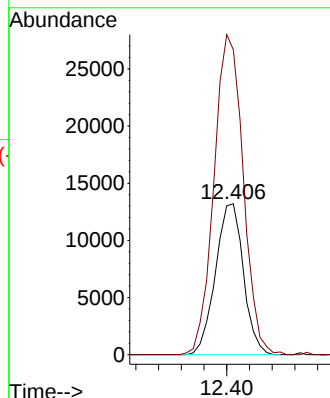
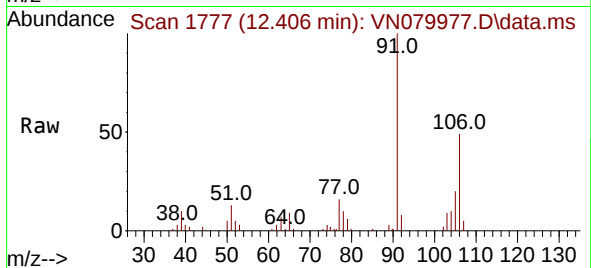




#69
o-Xylene
Concen: 2.734 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

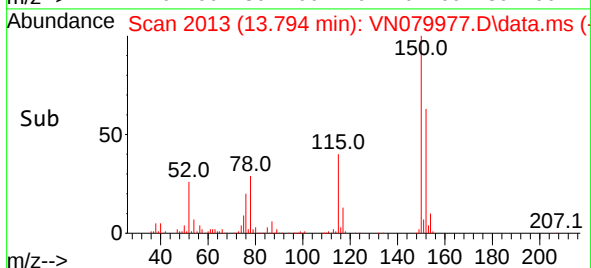
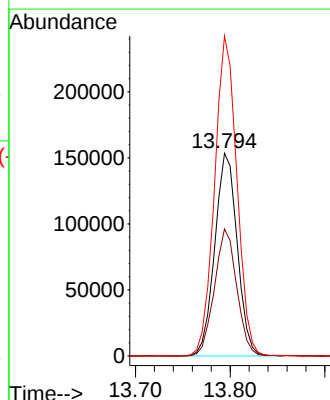
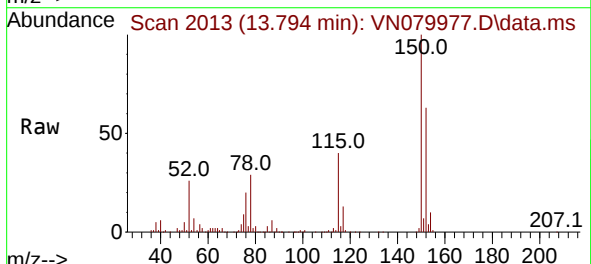
Instrument :
MSVOA_N
ClientSampleId :
1080

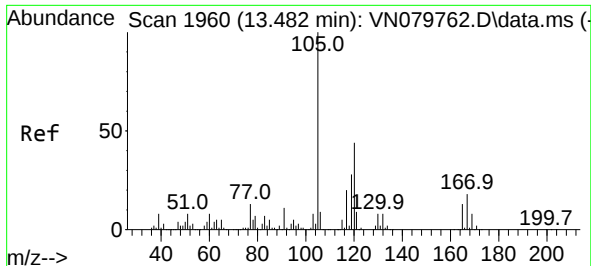
Tgt Ion:106 Resp: 22525
Ion Ratio Lower Upper
106 100
91 222.0 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

Tgt Ion:152 Resp: 252594
Ion Ratio Lower Upper
152 100
115 62.3 32.3 96.8
150 157.1 0.0 355.8

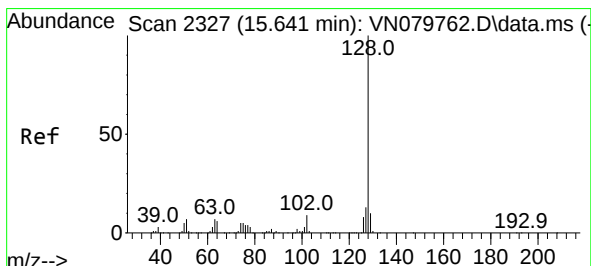
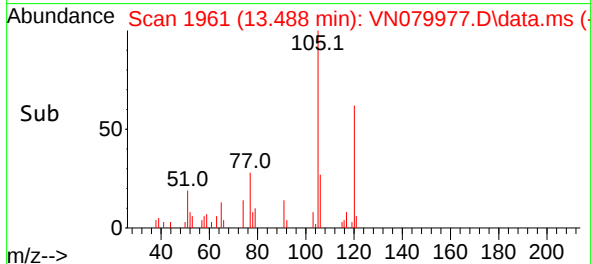
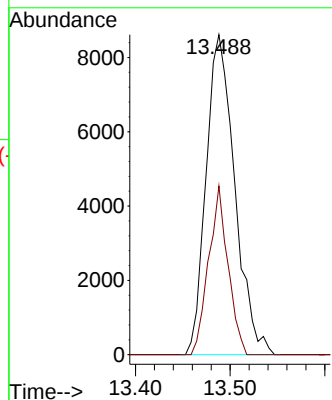
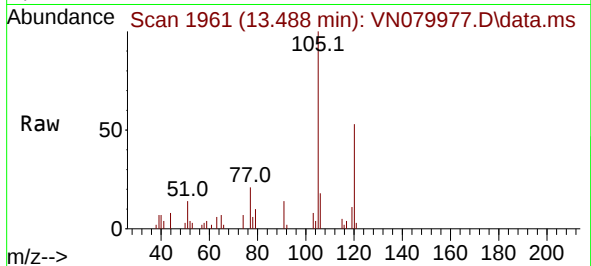




#84
1,2,4-Trimethylbenzene
Concen: 1.234 ug/l
RT: 13.488 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

Instrument :
MSVOA_N
ClientSampleId :
1080

Tgt Ion:105 Resp: 18102
Ion Ratio Lower Upper
105 100
120 35.8 22.0 66.0



#95
Naphthalene
Concen: 20.756 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.006 min
Lab File: VN079977.D
Acq: 07 Nov 2023 20:10

Tgt Ion:128 Resp: 275861
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.6 8.7 13.1

