

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052124\
 Data File : VN082238.D
 Acq On : 21 May 2024 14:16
 Operator : JC\MD
 Sample : P2538-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A852

Quant Time: May 22 01:26:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

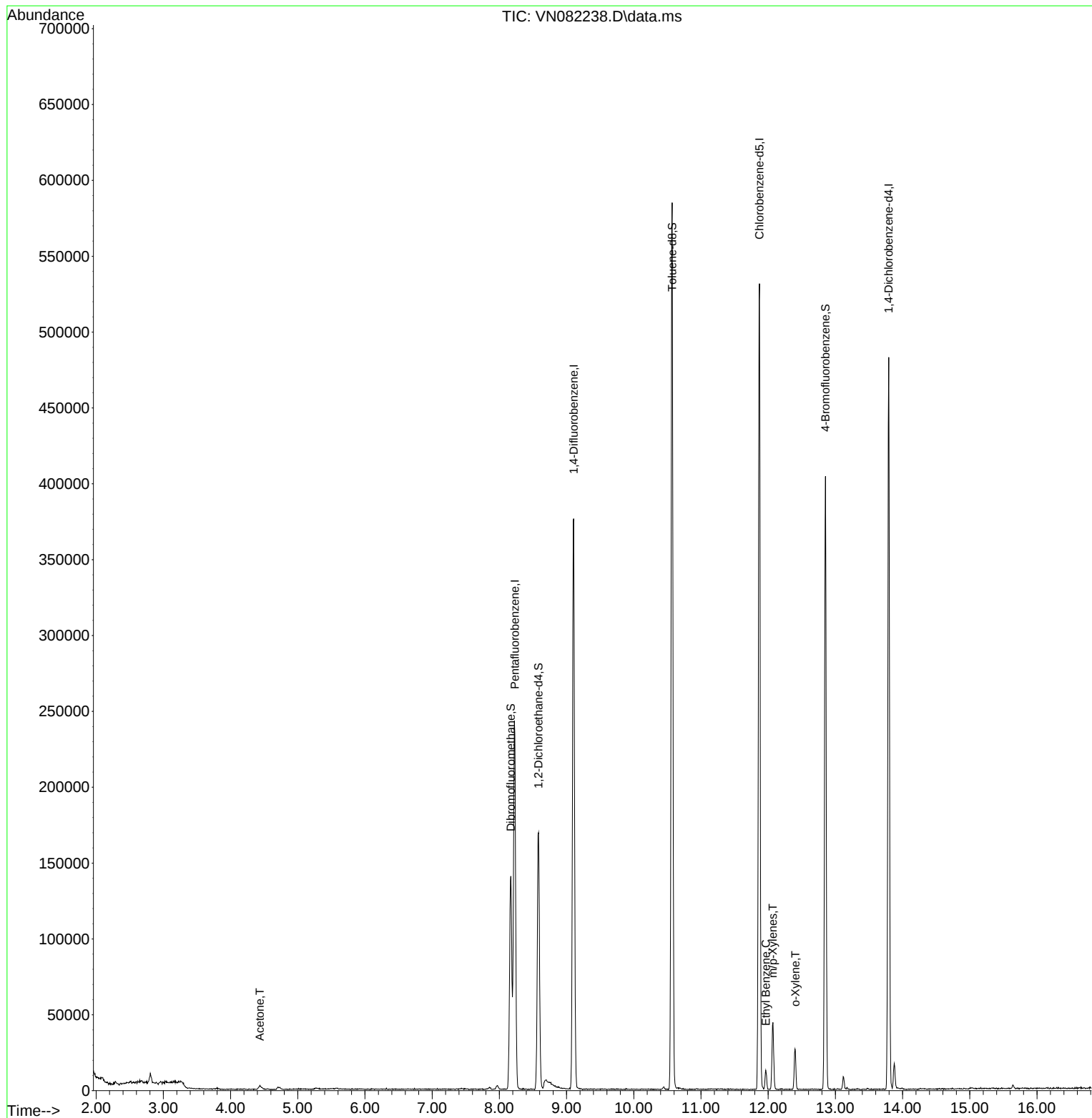
Internal Standards						
1) Pentafluorobenzene	8.229	168	168657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	299928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	282740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	142257	53.417	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125		Recovery	= 106.840%	
35) Dibromofluoromethane	8.171	113	97887	53.055	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124		Recovery	= 106.100%	
50) Toluene-d8	10.570	98	381779	53.972	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113		Recovery	= 107.940%	
62) 4-Bromofluorobenzene	12.853	95	128525	50.906	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133		Recovery	= 101.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	5369	4.915	ug/l	99
67) Ethyl Benzene	11.965	91	9316	0.834	ug/l	95
68) m/p-Xylenes	12.070	106	12749	3.113	ug/l	90
69) o-Xylene	12.406	106	6941	1.750	ug/l	82

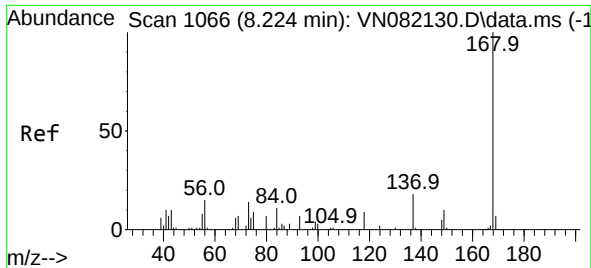
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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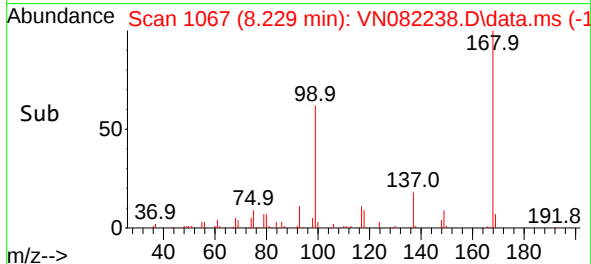
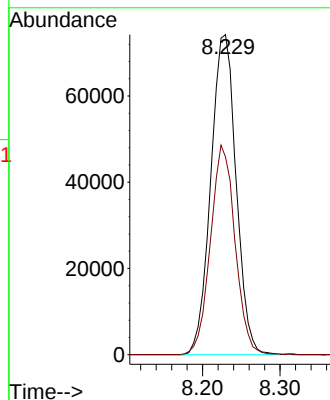
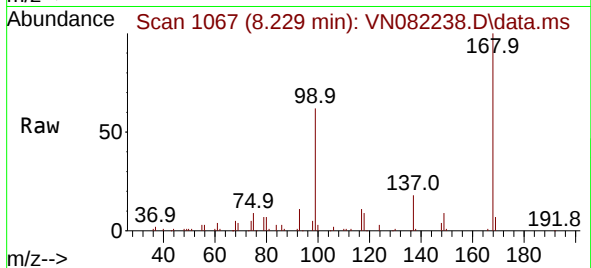




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN082238.D
Acq: 21 May 2024 14:16

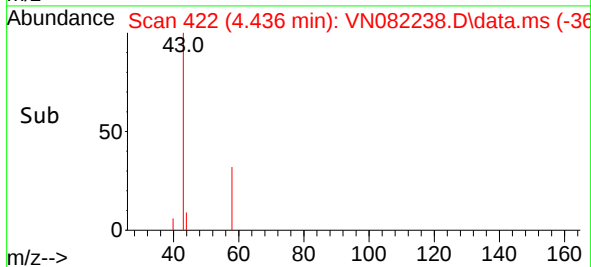
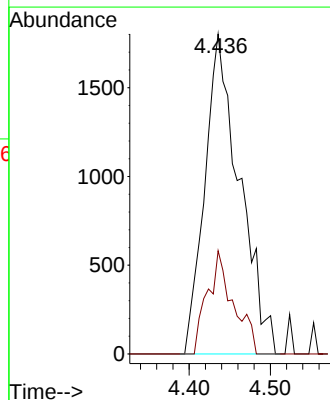
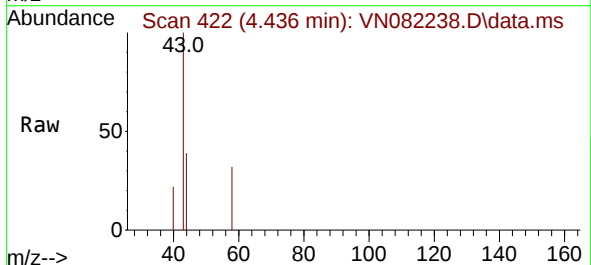
Instrument :
MSVOA_N
ClientSampleId :
A852

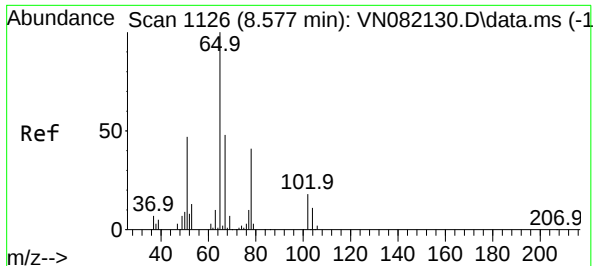
Tgt Ion:168 Resp: 168657
Ion Ratio Lower Upper
168 100
99 61.8 48.2 72.4



#16
Acetone
Concen: 4.915 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082238.D
Acq: 21 May 2024 14:16

Tgt Ion: 43 Resp: 5369
Ion Ratio Lower Upper
43 100
58 32.3 25.2 37.8





#33

1,2-Dichloroethane-d4

Concen: 53.417 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN082238.D

Acq: 21 May 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

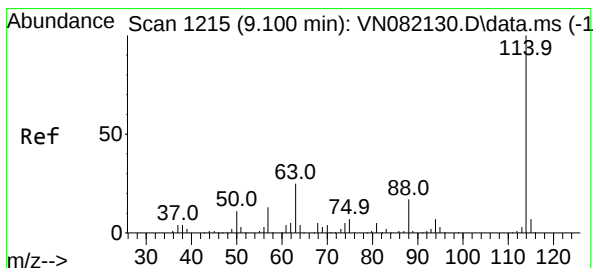
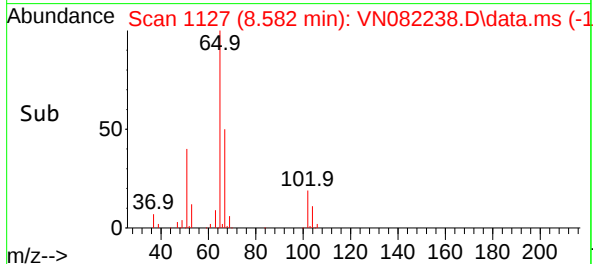
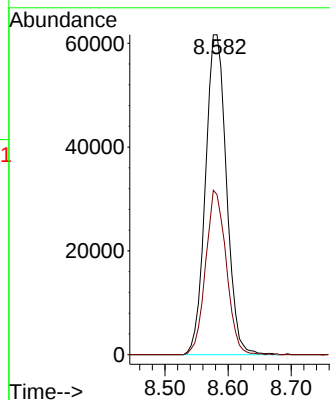
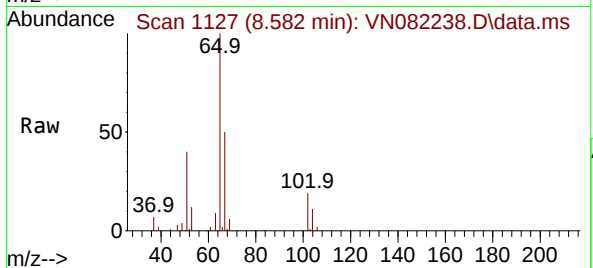
A852

Tgt Ion: 65 Resp: 142257

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN082238.D

Acq: 21 May 2024 14:16

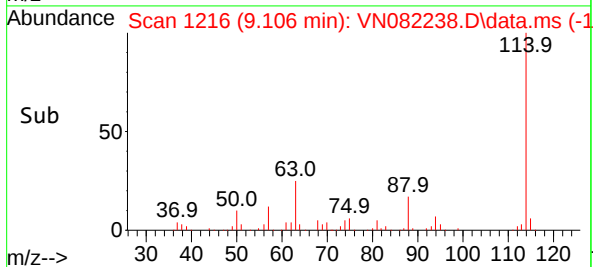
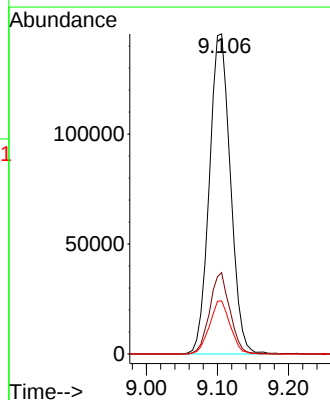
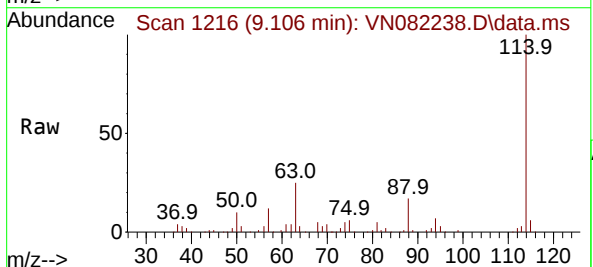
Tgt Ion: 114 Resp: 299928

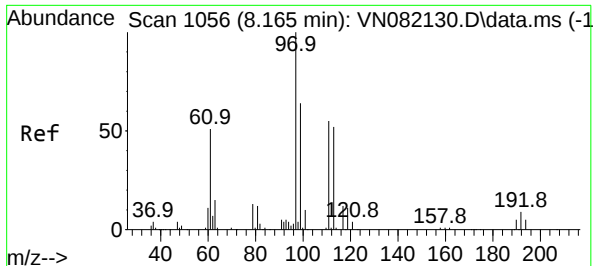
Ion Ratio Lower Upper

114 100

63 25.4 0.0 41.0

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 53.055 ug/l

RT: 8.171 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082238.D

Acq: 21 May 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

A852

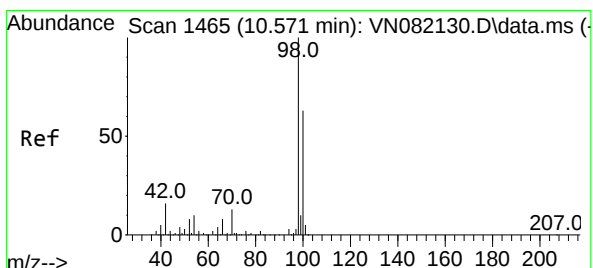
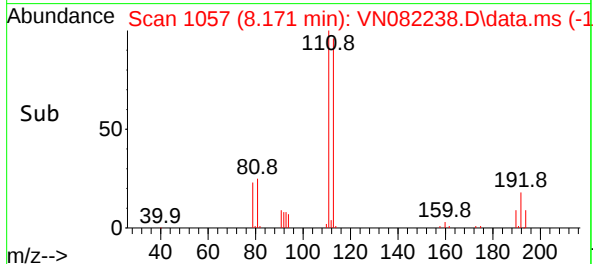
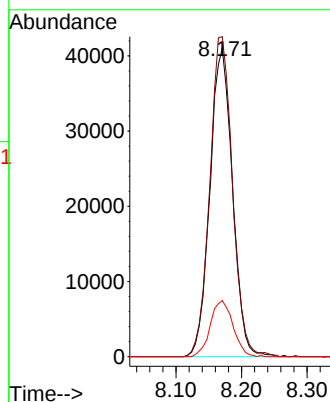
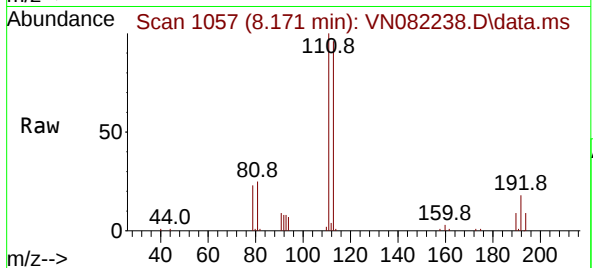
Tgt Ion:113 Resp: 97887

Ion Ratio Lower Upper

113 100

111 104.5 83.4 125.2

192 18.2 14.0 21.0



#50

Toluene-d8

Concen: 53.972 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082238.D

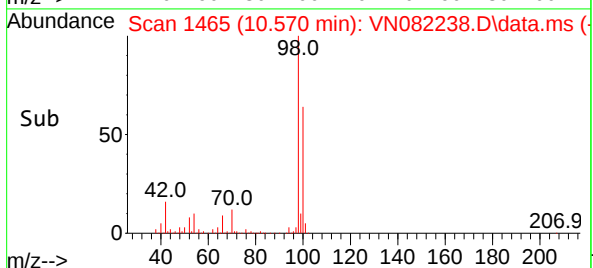
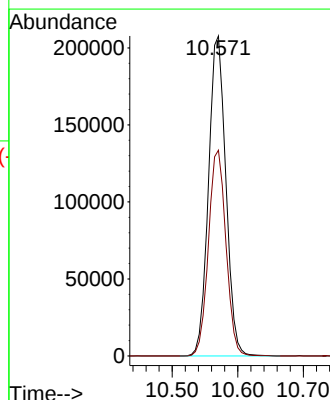
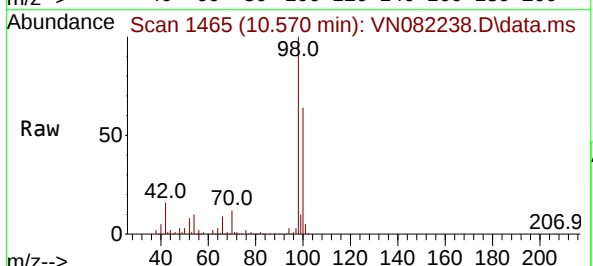
Acq: 21 May 2024 14:16

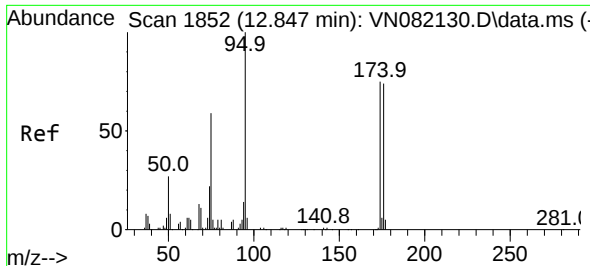
Tgt Ion: 98 Resp: 381779

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.6

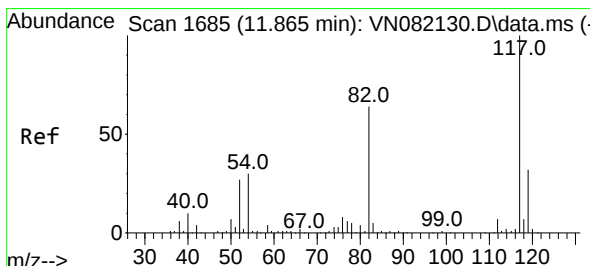
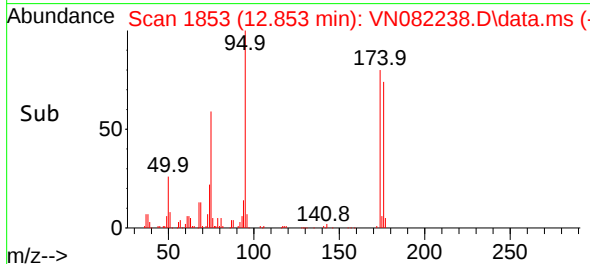
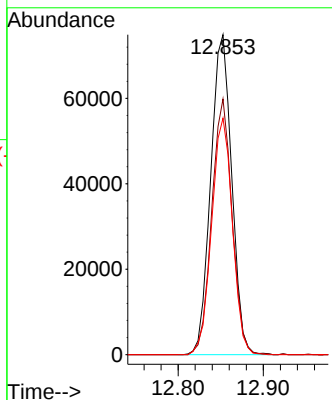
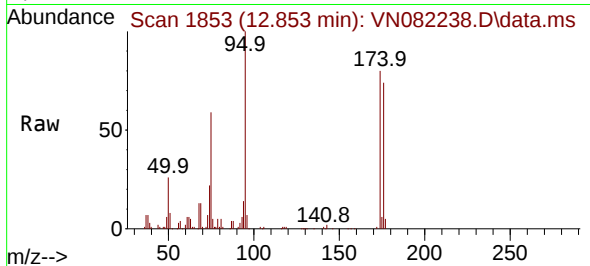




#62
4-Bromofluorobenzene
Concen: 50.906 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082238.D
Acq: 21 May 2024 14:16

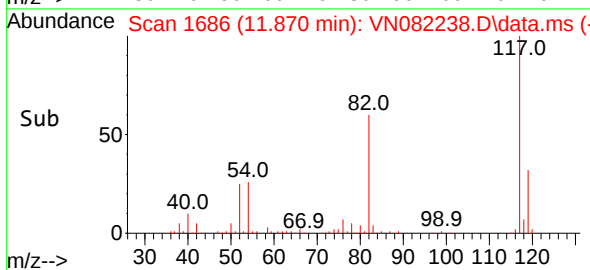
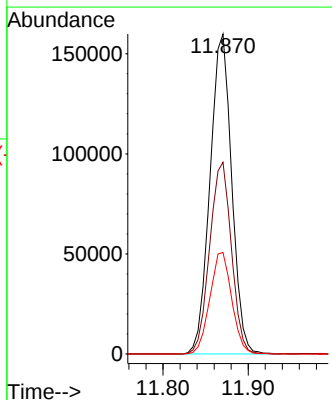
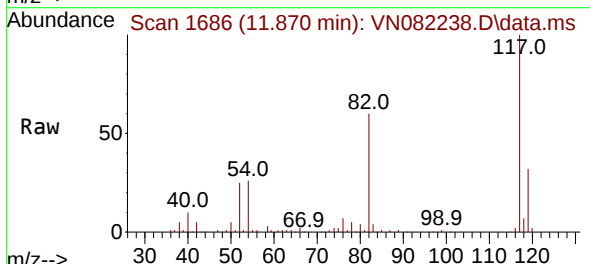
Instrument :
MSVOA_N
ClientSampleId :
A852

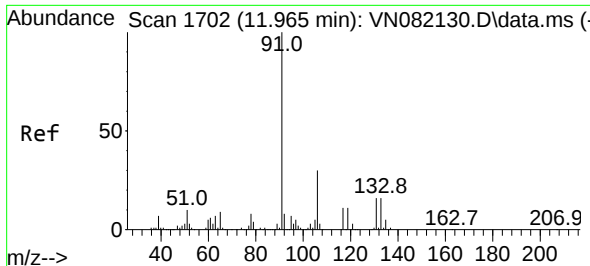
Tgt Ion: 95 Resp: 128525
Ion Ratio Lower Upper
95 100
174 77.6 0.0 160.6
176 73.1 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN082238.D
Acq: 21 May 2024 14:16

Tgt Ion: 117 Resp: 282740
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 31.7 25.9 38.9





#67

Ethyl Benzene

Concen: 0.834 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN082238.D

Acq: 21 May 2024 14:16

Instrument :

MSVOA_N

ClientSampleId :

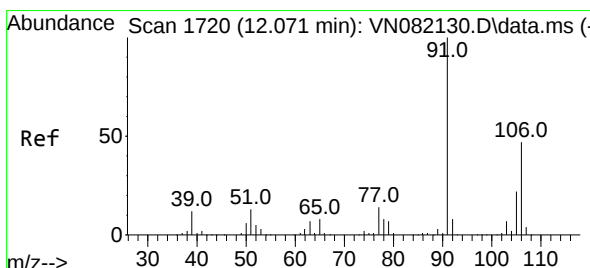
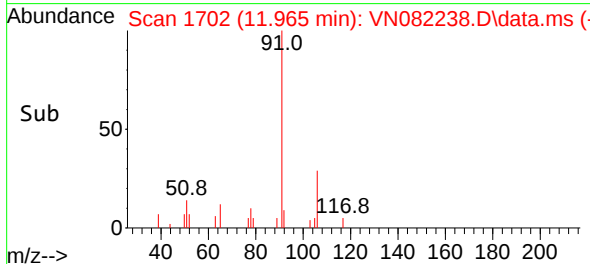
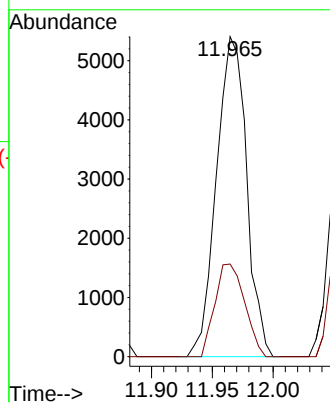
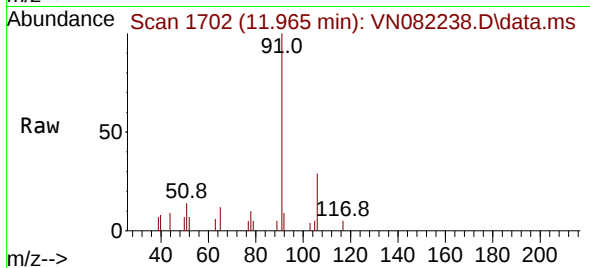
A852

Tgt Ion: 91 Resp: 9316

Ion Ratio Lower Upper

91 100

106 28.9 25.3 37.9



#68

m/p-Xylenes

Concen: 3.113 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN082238.D

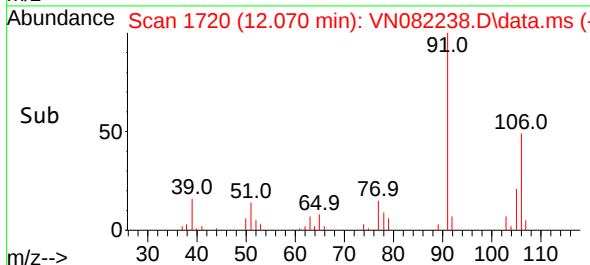
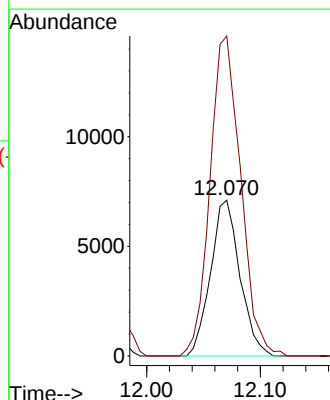
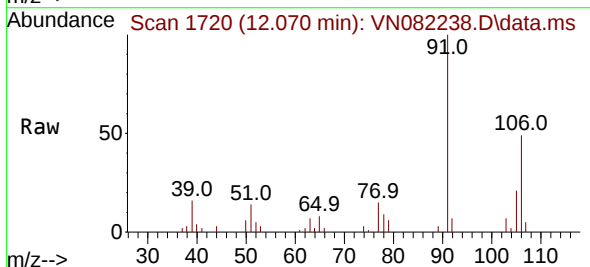
Acq: 21 May 2024 14:16

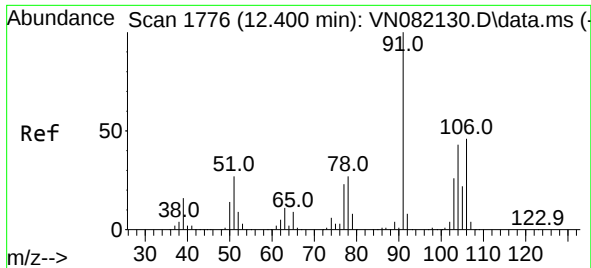
Tgt Ion: 106 Resp: 12749

Ion Ratio Lower Upper

106 100

91 215.0 159.4 239.0

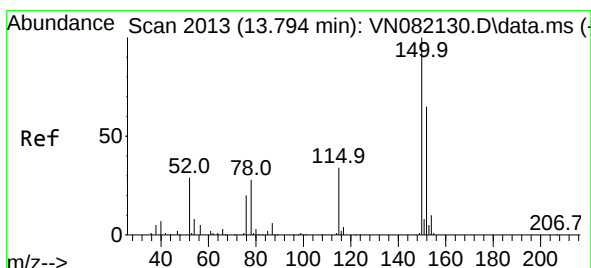
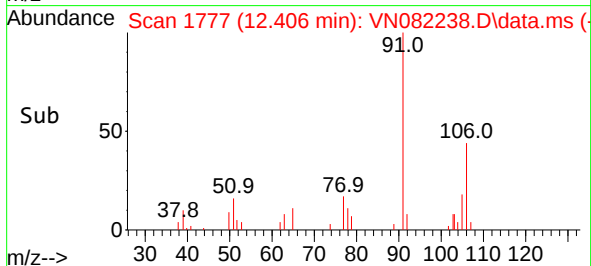
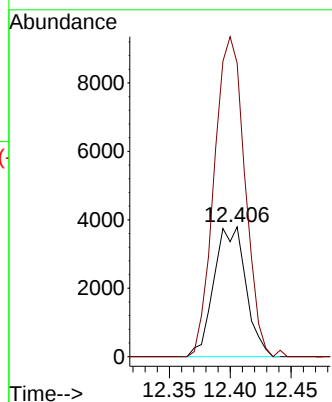
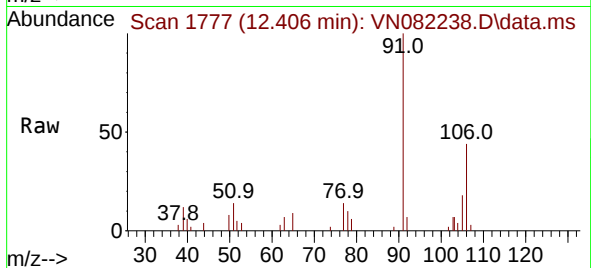




#69
o-Xylene
Concen: 1.750 ug/l
RT: 12.406 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082238.D
Acq: 21 May 2024 14:16

Instrument :
MSVOA_N
ClientSampleId :
A852

Tgt Ion:106 Resp: 6941
Ion Ratio Lower Upper
106 100
91 237.0 104.7 314.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082238.D
Acq: 21 May 2024 14:16

Tgt Ion:152 Resp: 119734
Ion Ratio Lower Upper
152 100
115 62.2 30.4 91.3
150 156.6 0.0 353.2

