

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103123\
 Data File : VN079747.D
 Acq On : 31 Oct 2023 16:31
 Operator : JC\MD
 Sample : 05107-23ME 20X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1047ME

Quant Time: Nov 01 01:22:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103023W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 07:23:24 2023
 Response via : Initial Calibration

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

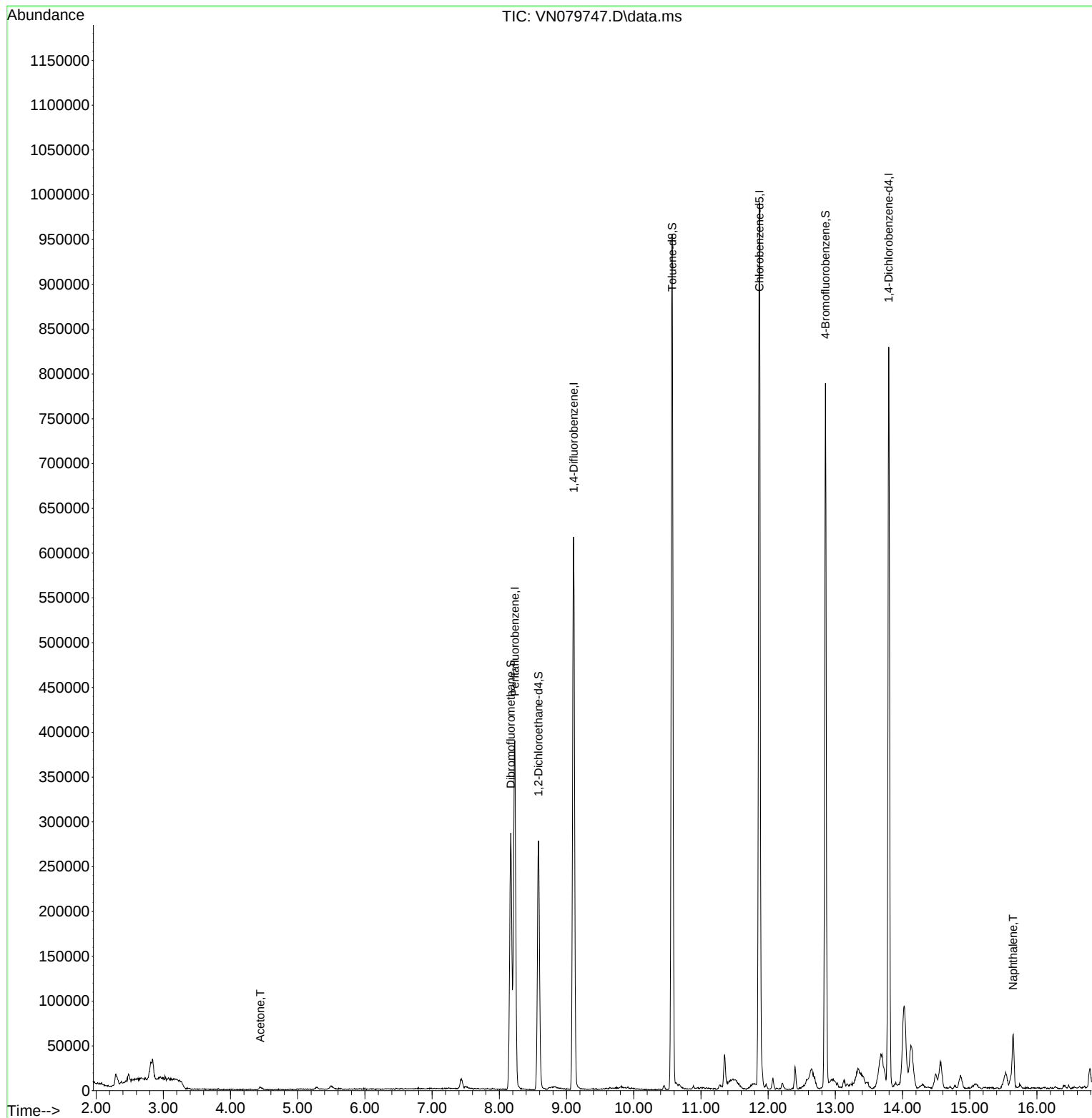
Internal Standards						
1) Pentafluorobenzene	8.230	168	276768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	527744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	559829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	223075	50.190	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.380%	
35) Dibromofluoromethane	8.171	113	200559	53.184	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.360%	
50) Toluene-d8	10.571	98	643911	45.805	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 91.600%	
62) 4-Bromofluorobenzene	12.853	95	257526	58.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.340%	
Target Compounds						Qvalue
16) Acetone	4.442	43	6365	3.347	ug/l	# 76
95) Naphthalene	15.647	128	56836	9.010	ug/l	98

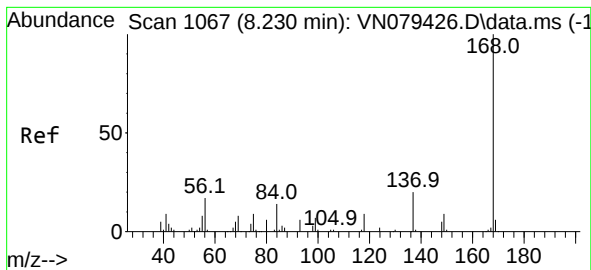
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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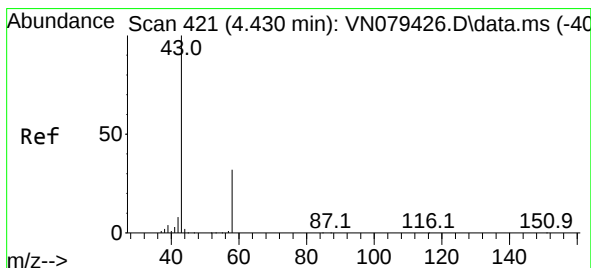
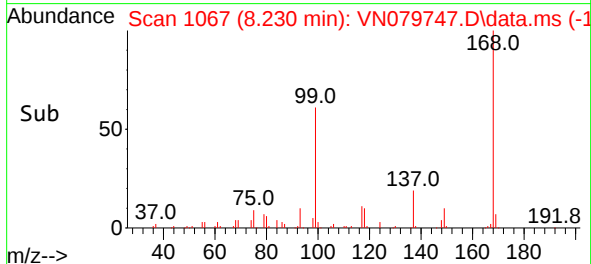
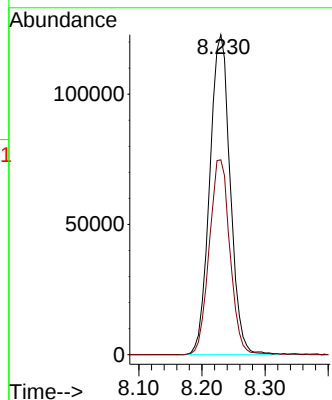
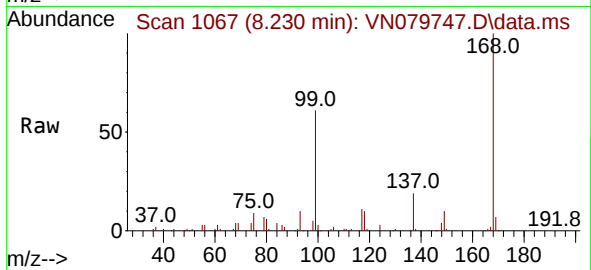




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

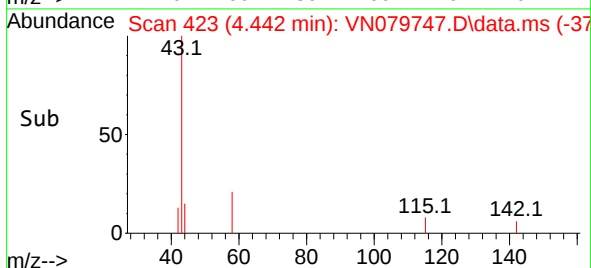
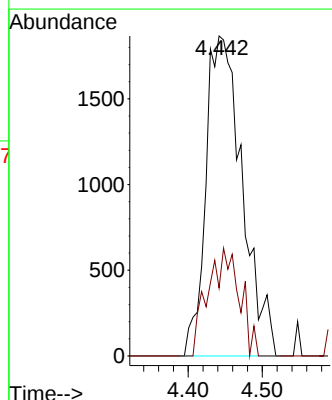
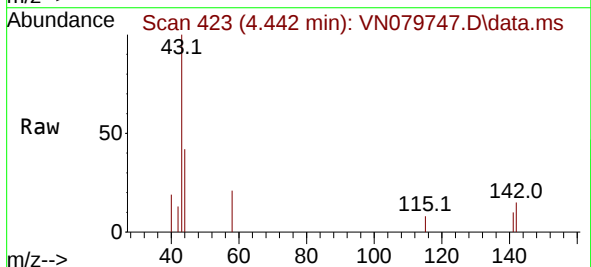
Instrument :
MSVOA_N
ClientSampleId :
1047ME

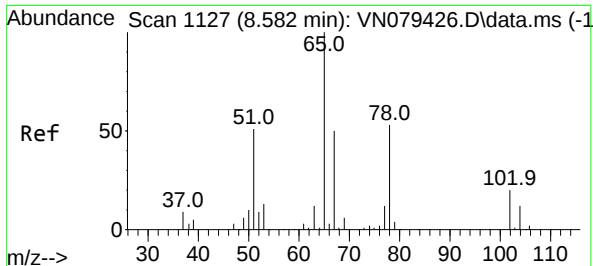
Tgt Ion:168 Resp: 276768
Ion Ratio Lower Upper
168 100
99 60.9 53.0 79.6



#16
Acetone
Concen: 3.347 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 43 Resp: 6365
Ion Ratio Lower Upper
43 100
58 21.3 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 50.190 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

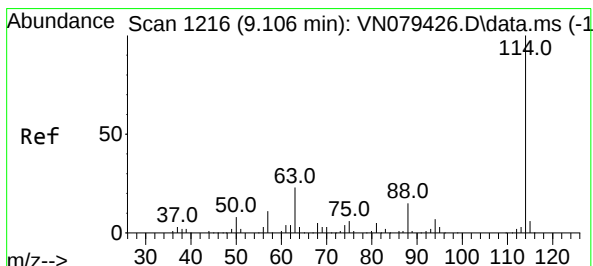
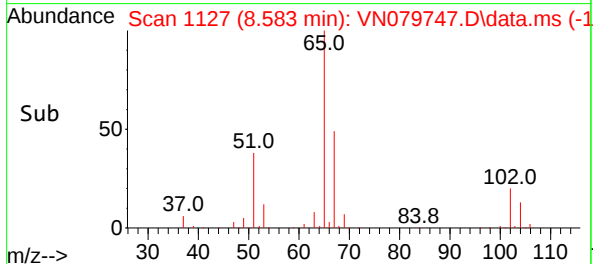
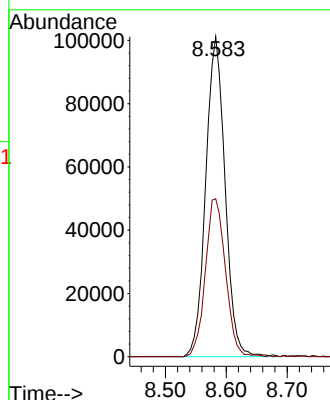
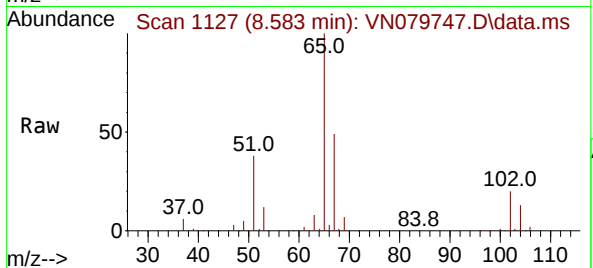
1047ME

Tgt Ion: 65 Resp: 223075

Ion Ratio Lower Upper

65 100

67 51.4 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: VN079747.D

Acq: 31 Oct 2023 16:31

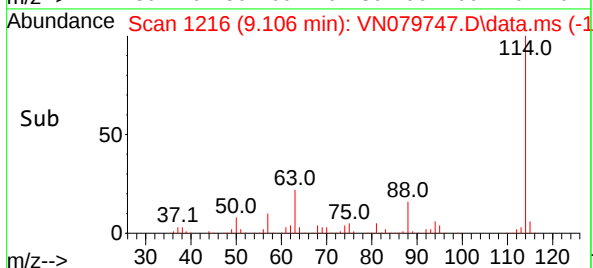
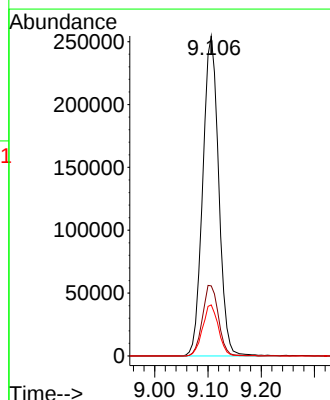
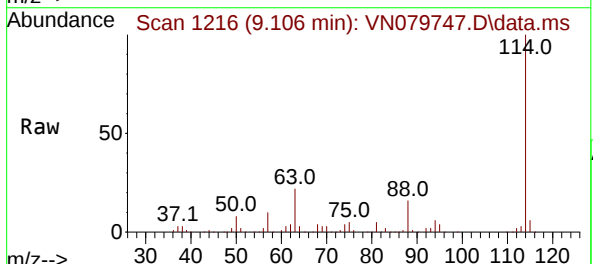
Tgt Ion: 114 Resp: 527744

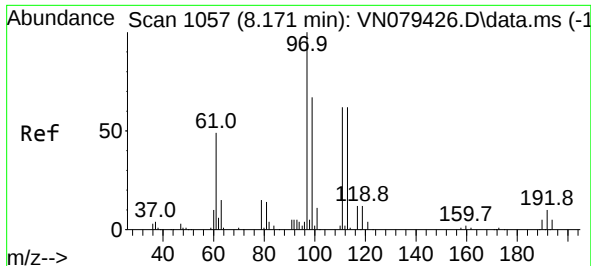
Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 53.184 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079747.D

Acq: 31 Oct 2023 16:31

Instrument :

MSVOA_N

ClientSampleId :

1047ME

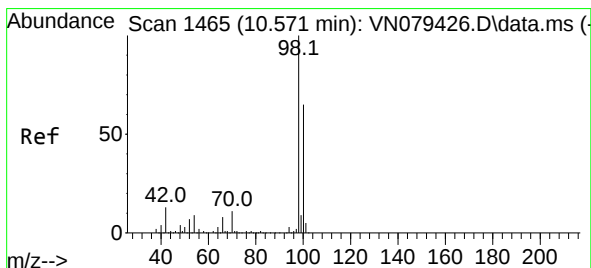
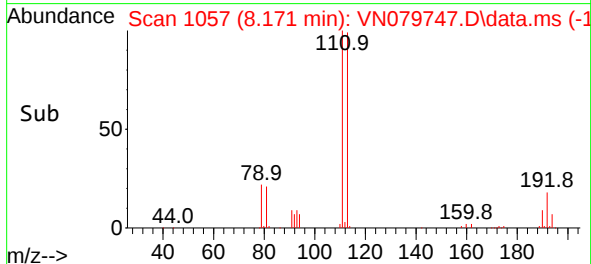
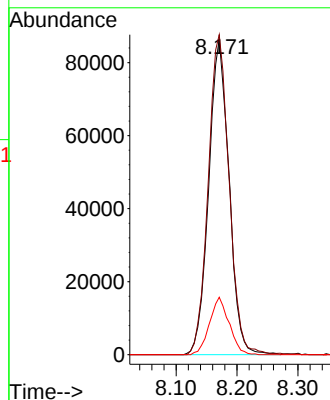
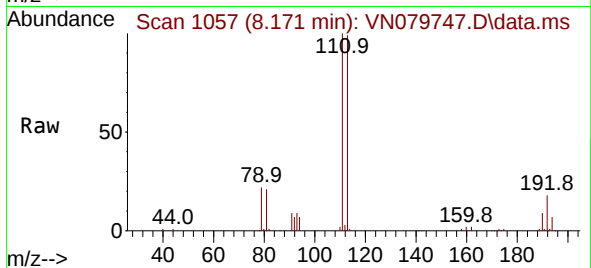
Tgt Ion:113 Resp: 200559

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

192 17.6 12.7 19.1



#50

Toluene-d8

Concen: 45.805 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079747.D

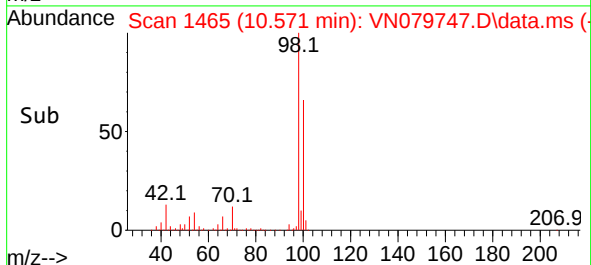
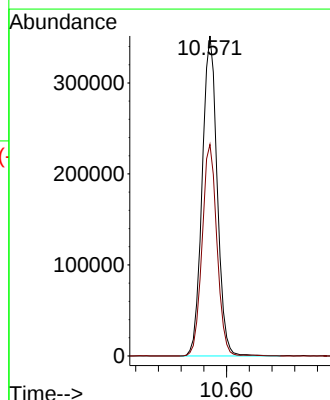
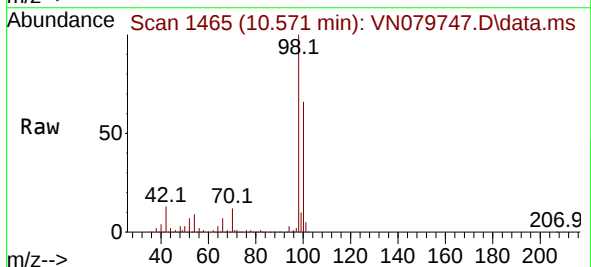
Acq: 31 Oct 2023 16:31

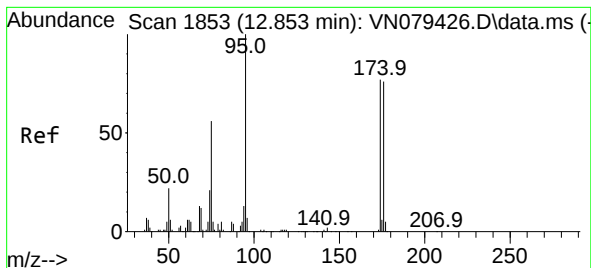
Tgt Ion: 98 Resp: 643911

Ion Ratio Lower Upper

98 100

100 65.1 52.0 78.0

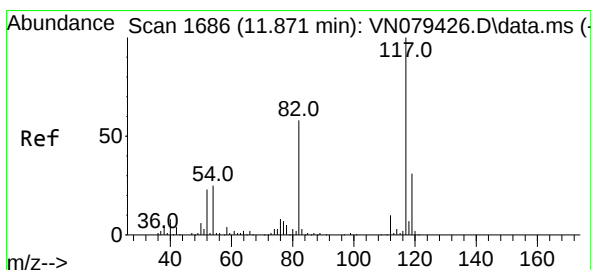
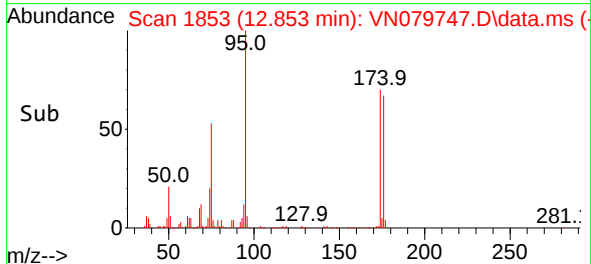
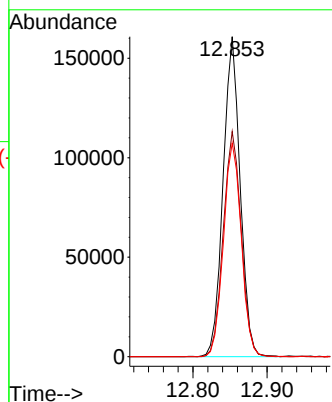
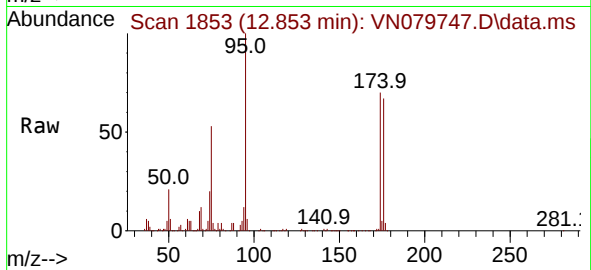




#62
4-Bromofluorobenzene
Concen: 58.173 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

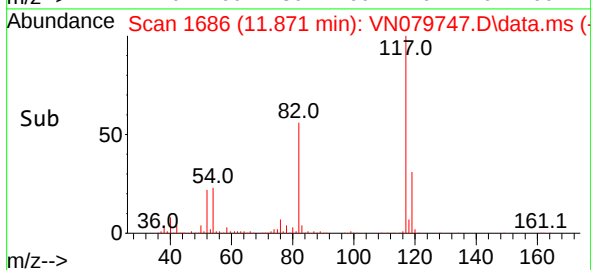
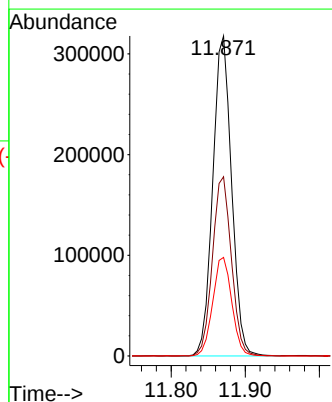
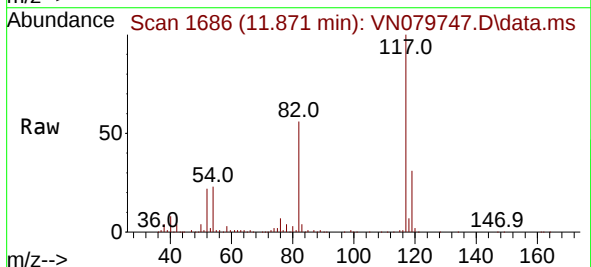
Instrument :
MSVOA_N
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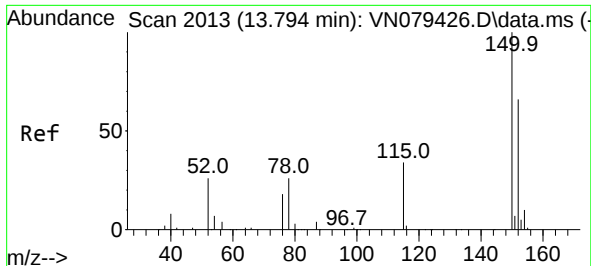
Tgt Ion: 95 Resp: 257526
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 69.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079747.D
Acq: 31 Oct 2023 16:31

Tgt Ion: 117 Resp: 559829
Ion Ratio Lower Upper
117 100
82 56.0 44.0 66.0
119 30.8 25.6 38.4

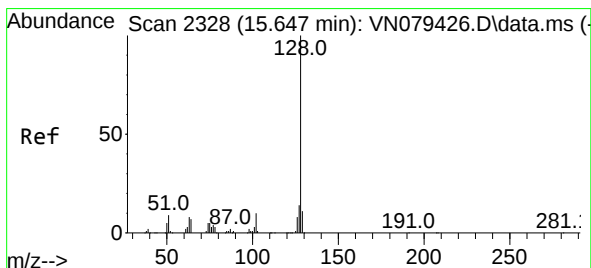
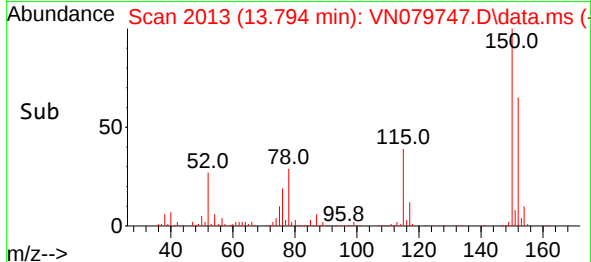
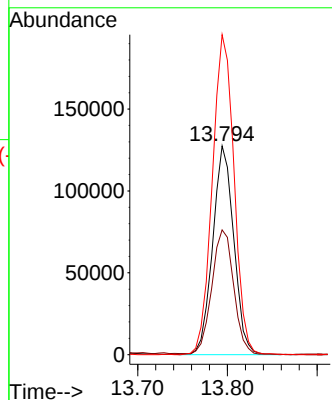
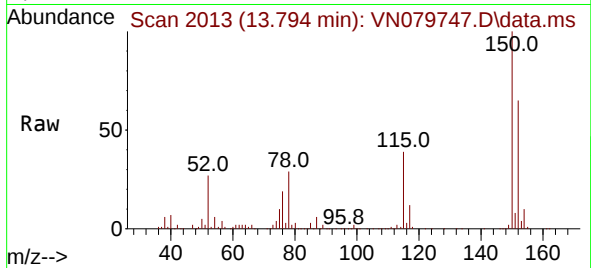




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN079747.D
 Acq: 31 Oct 2023 16:31

Instrument :
 MSVOA_N
 ClientSampleId :
 1047ME

Tgt Ion:152 Resp: 207988
 Ion Ratio Lower Upper
 152 100
 115 62.5 32.3 96.8
 150 157.9 0.0 355.8



#95
 Naphthalene
 Concen: 9.010 ug/l
 RT: 15.647 min Scan# 2328
 Delta R.T. -0.000 min
 Lab File: VN079747.D
 Acq: 31 Oct 2023 16:31

Tgt Ion:128 Resp: 56836
 Ion Ratio Lower Upper
 128 100
 127 13.5 10.0 15.0
 129 11.7 8.7 13.1

