

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079439.D
 Acq On : 06 Oct 2023 11:53
 Operator : JC\MD
 Sample : 04714-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Oct 06 12:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

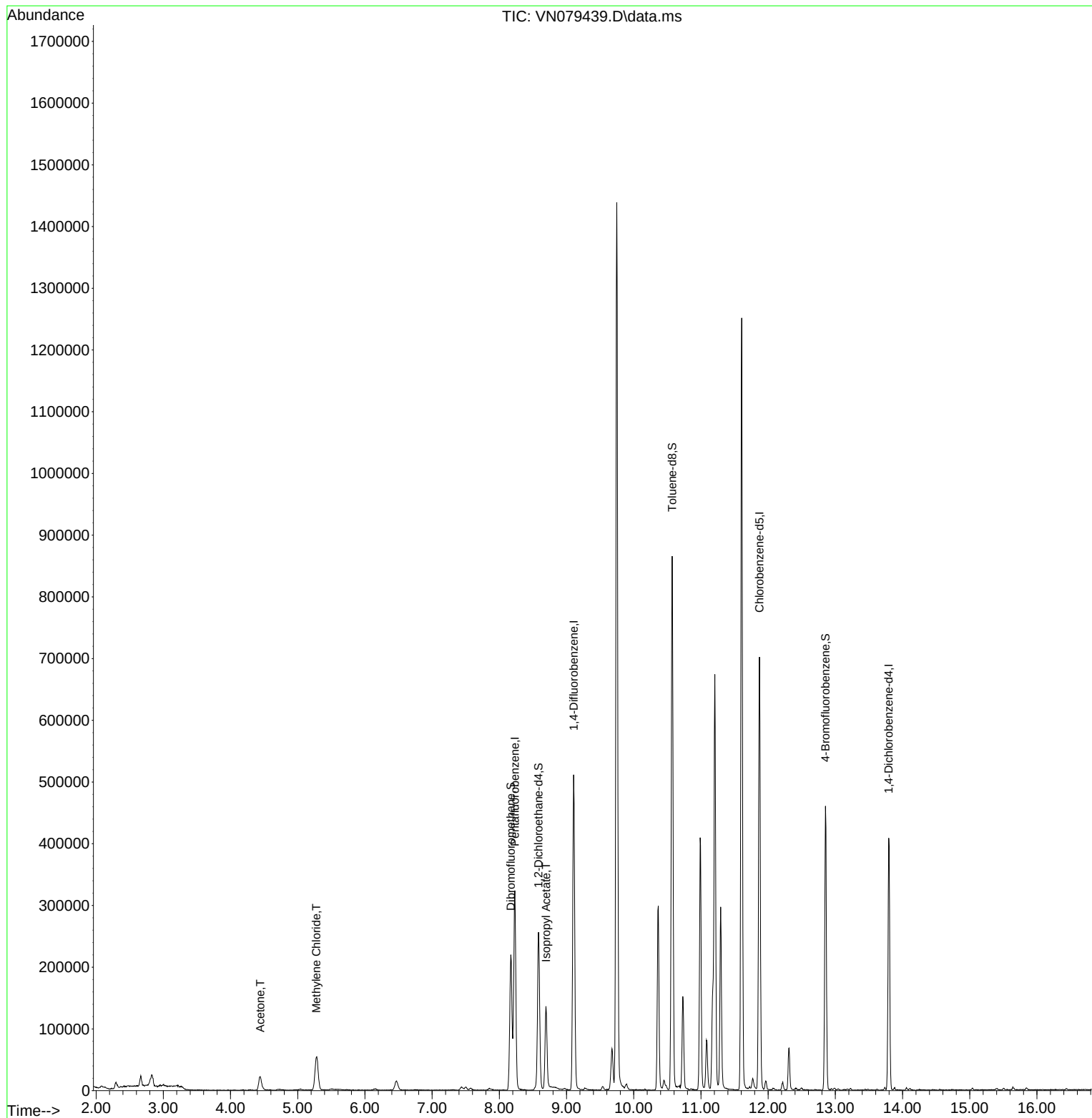
Internal Standards						
1) Pentafluorobenzene	8.230	168	220646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	393037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203640	56.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.840%
35) Dibromofluoromethane	8.171	113	155305	51.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.380%
50) Toluene-d8	10.571	98	582704	53.080	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.160%
62) 4-Bromofluorobenzene	12.853	95	154176	43.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.520%
Target Compounds						
						Qvalue
16) Acetone	4.442	43	43495	30.652	ug/l	88
20) Methylene Chloride	5.277	84	42736	13.311	ug/l #	82
43) Isopropyl Acetate	8.694	43	152590	19.223	ug/l #	80

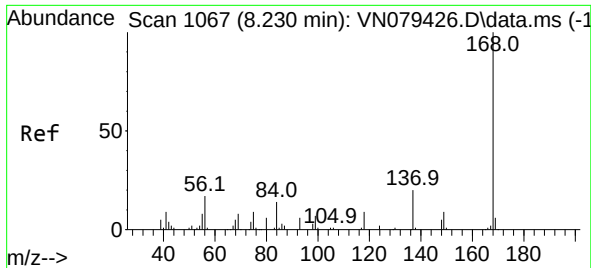
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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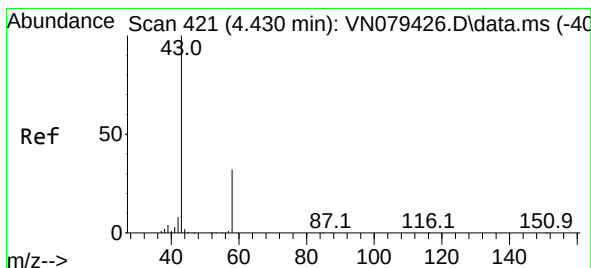
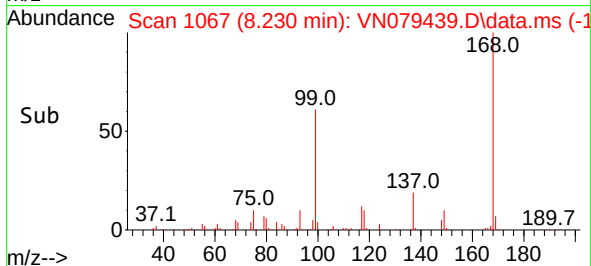
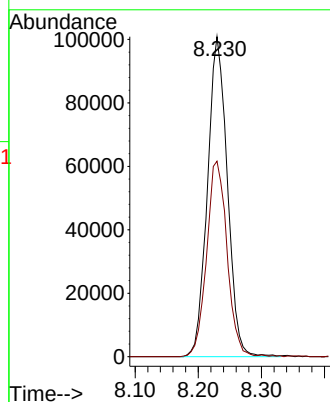
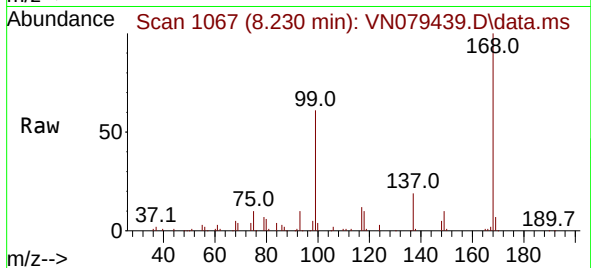




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

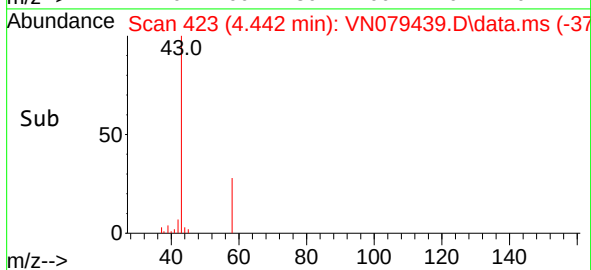
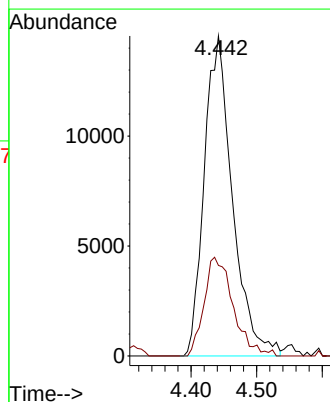
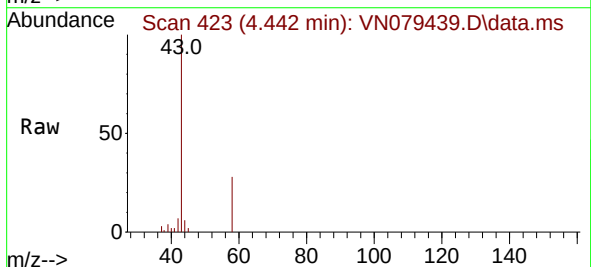
Instrument :
MSVOA_N
ClientSampleId :
TP-1

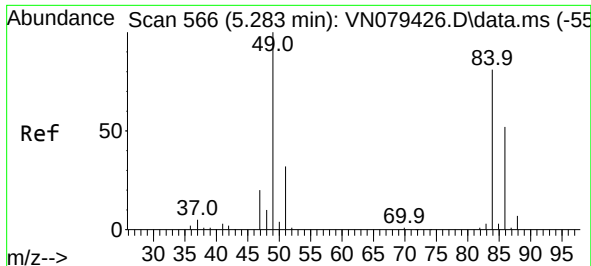
Tgt Ion:168 Resp: 220646
Ion Ratio Lower Upper
168 100
99 61.1 53.0 79.6



#16
Acetone
Concen: 30.652 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

Tgt Ion: 43 Resp: 43495
Ion Ratio Lower Upper
43 100
58 28.3 28.0 42.0

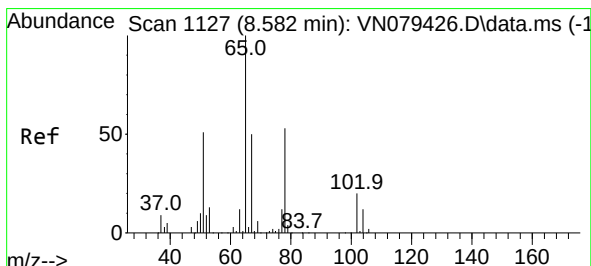
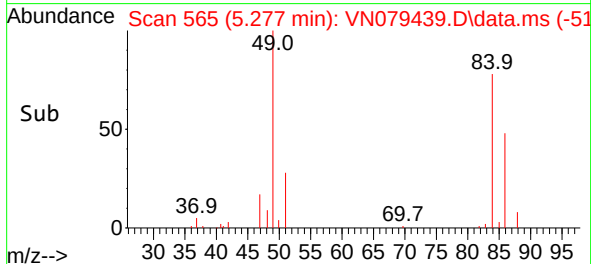
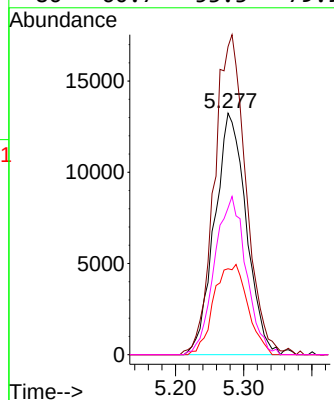
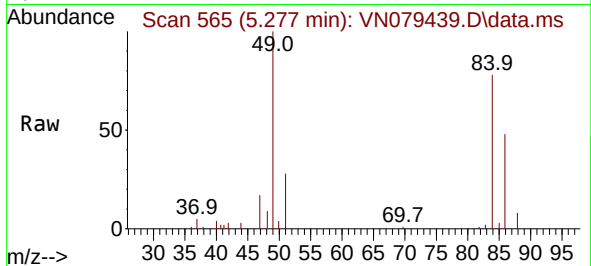




#20
Methylene Chloride
Concen: 13.311 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

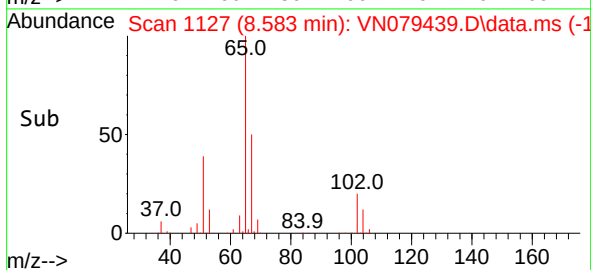
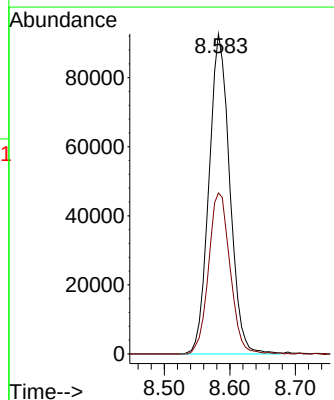
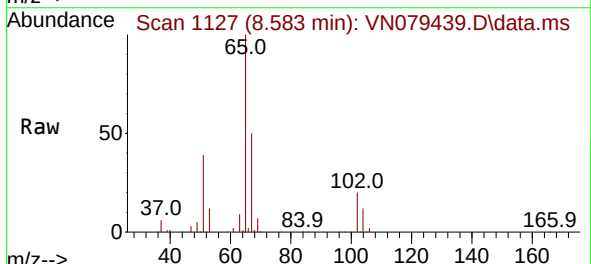
Instrument :
MSVOA_N
ClientSampleId :
TP-1

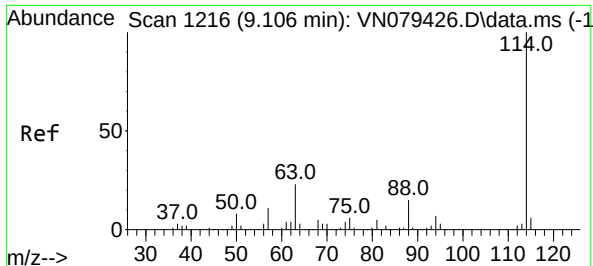
Tgt Ion: 84	Resp: 42736
Ion Ratio	Lower Upper
84 100	
49 127.5	79.7 119.5#
51 35.6	25.2 37.8
86 60.7	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 56.921 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

Tgt Ion: 65	Resp: 203640
Ion Ratio	Lower Upper
65 100	
67 52.2	0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079439.D

Acq: 06 Oct 2023 11:53

Instrument :

MSVOA_N

ClientSampleId :

TP-1

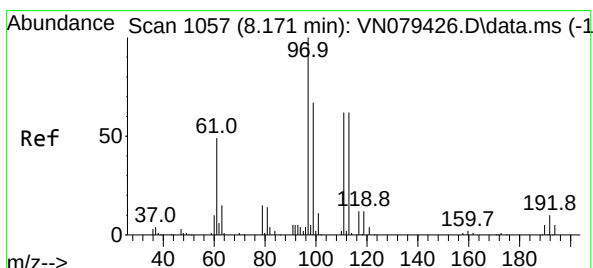
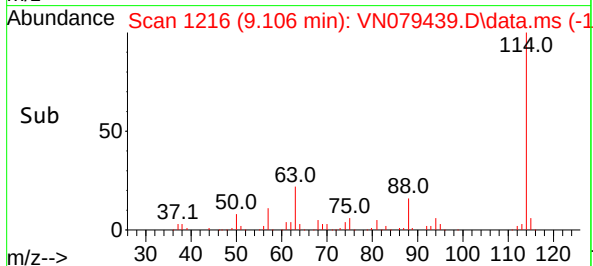
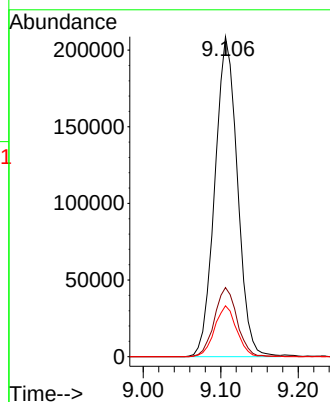
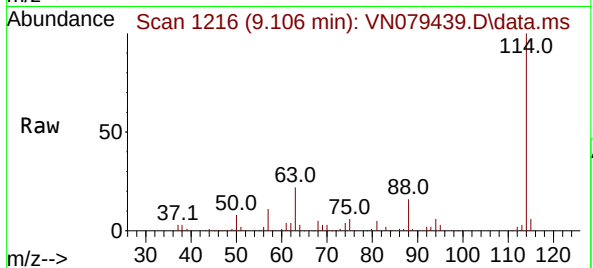
Tgt Ion:114 Resp: 422185

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.189 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079439.D

Acq: 06 Oct 2023 11:53

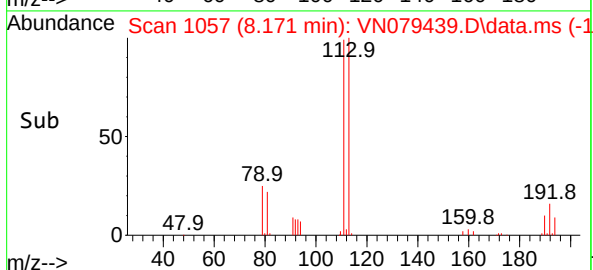
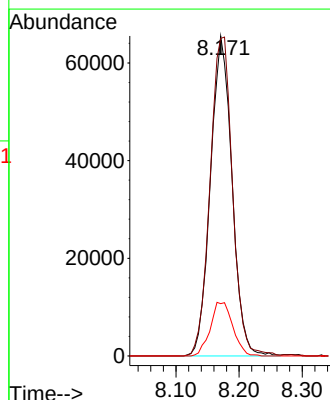
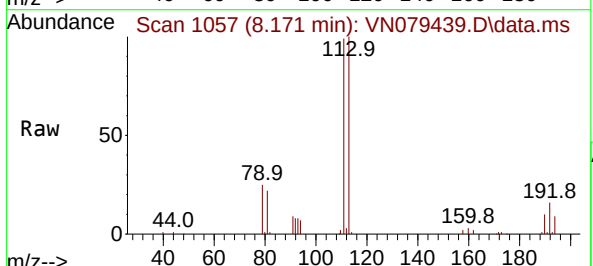
Tgt Ion:113 Resp: 155305

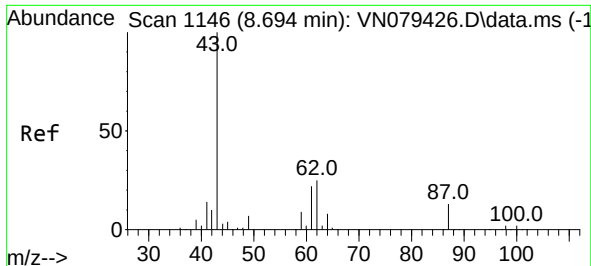
Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 17.5 12.7 19.1

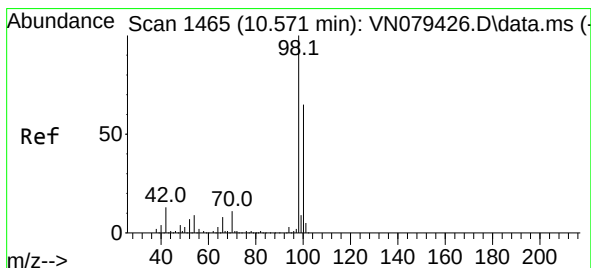
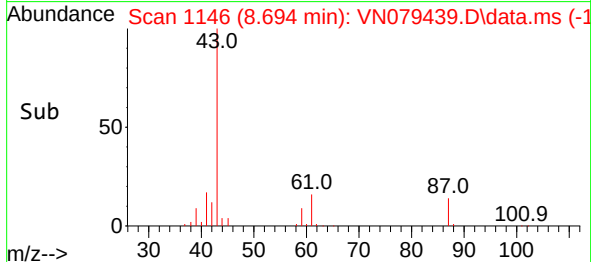
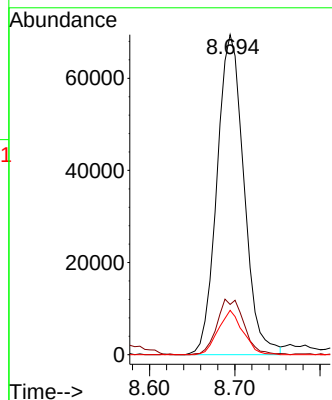
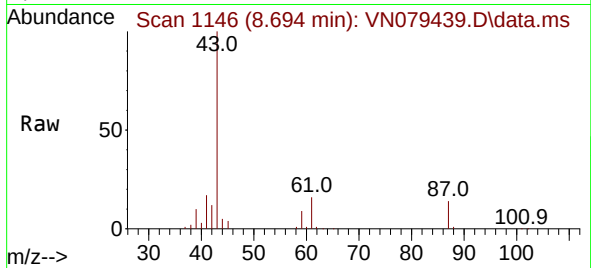




#43
Isopropyl Acetate
Concen: 19.223 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

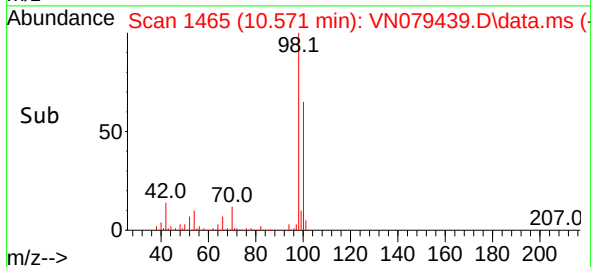
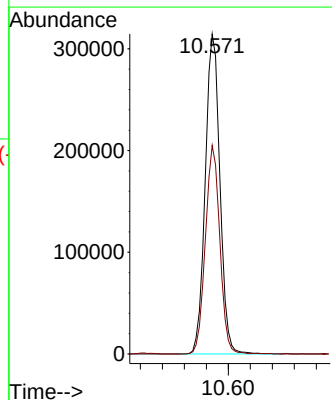
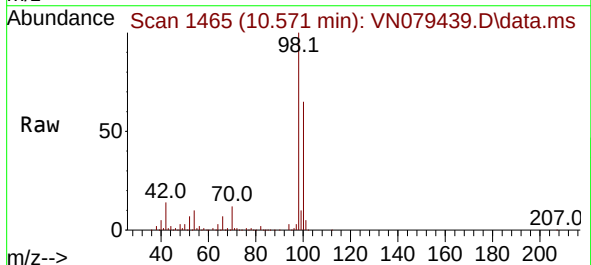
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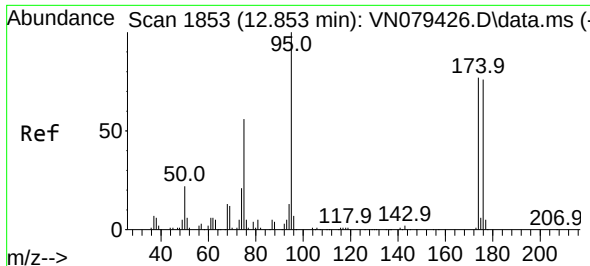
Tgt Ion: 43 Resp: 152590
Ion Ratio Lower Upper
43 100
61 17.5 24.7 37.1#
87 12.6 14.6 21.8#



#50
Toluene-d8
Concen: 53.080 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

Tgt Ion: 98 Resp: 582704
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

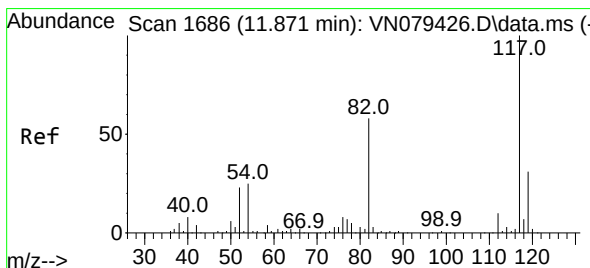
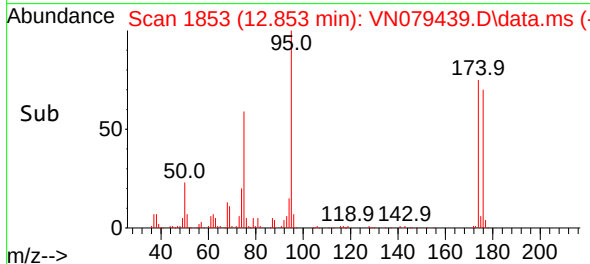
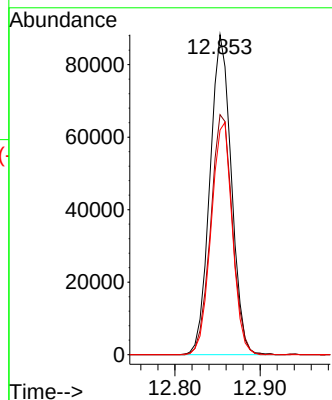
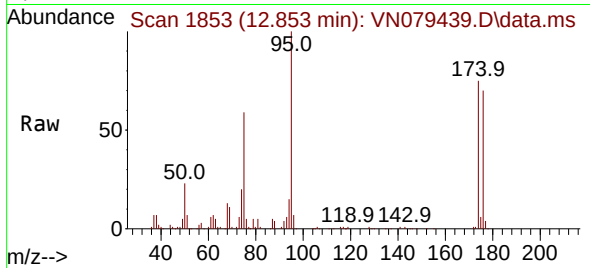




#62
4-Bromofluorobenzene
Concen: 43.763 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

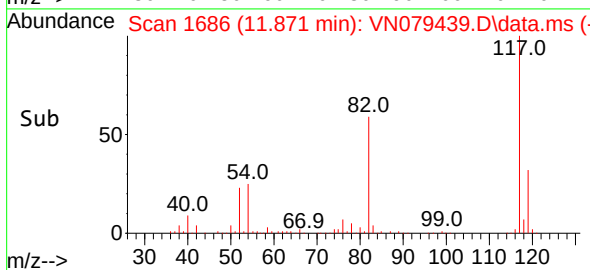
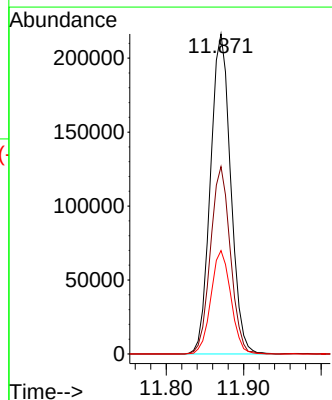
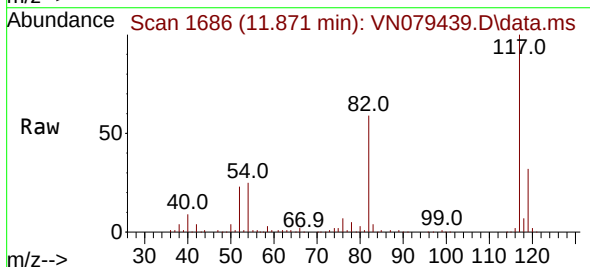
Instrument :
MSVOA_N
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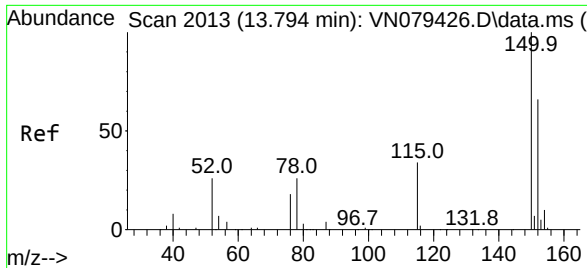
Tgt Ion: 95 Resp: 154176
Ion Ratio Lower Upper
95 100
174 76.5 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079439.D
Acq: 06 Oct 2023 11:53

Tgt Ion: 117 Resp: 393037
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079439.D
 Acq: 06 Oct 2023 11:53

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Tgt Ion:152 Resp: 105446
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 156.0 0.0 355.8

