

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079412.D
 Acq On : 04 Oct 2023 18:48
 Operator : JC\MD
 Sample : 04714-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Oct 05 02:25:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

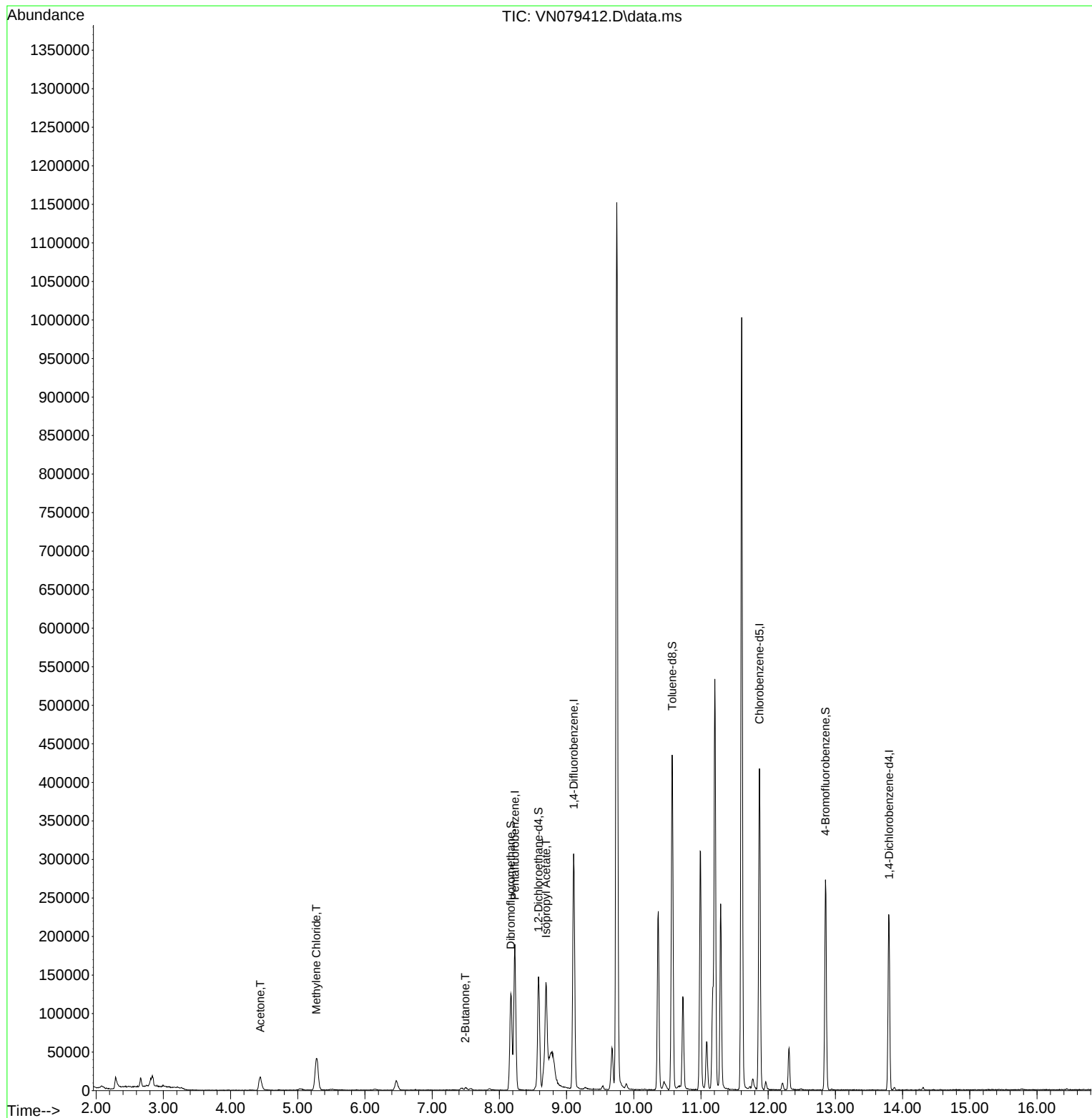
Internal Standards						
1) Pentafluorobenzene	8.229	168	126388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	255050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	230532	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	58845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118011	69.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	138.340%#
35) Dibromofluoromethane	8.171	113	88147	51.957	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.920%
50) Toluene-d8	10.570	98	291676	46.822	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.640%
62) 4-Bromofluorobenzene	12.853	95	88991	44.785	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.580%
Target Compounds						
						Qvalue
16) Acetone	4.441	43	33800	46.647	ug/l #	87
20) Methylene Chloride	5.277	84	33759	19.145	ug/l	87
25) 2-Butanone	7.494	43	5718	5.439	ug/l #	76
43) Isopropyl Acetate	8.694	43	185147	43.504	ug/l #	71

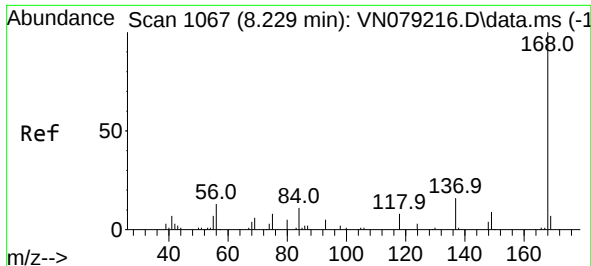
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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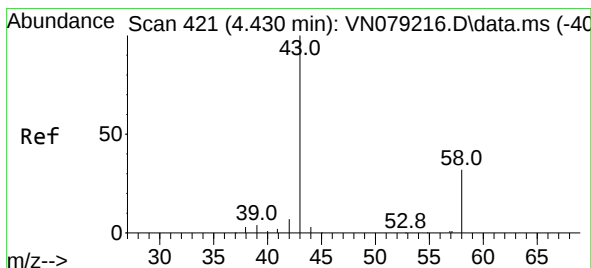
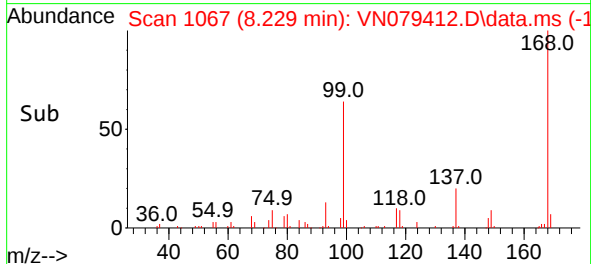
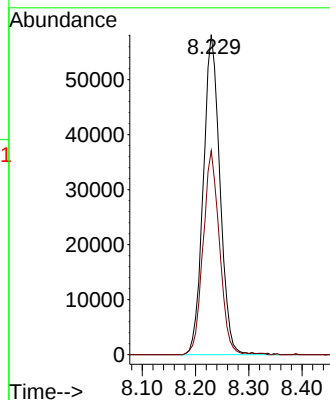
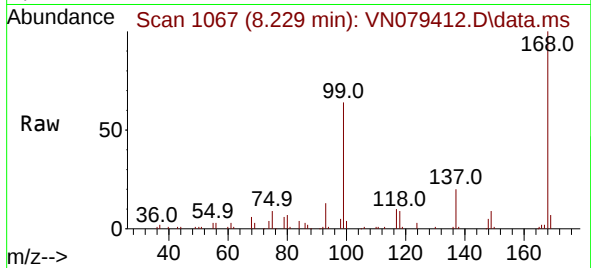




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079412.D
Acq: 04 Oct 2023 18:48

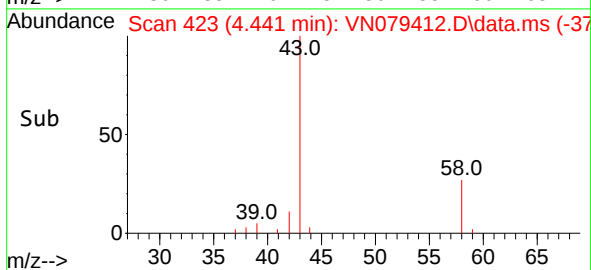
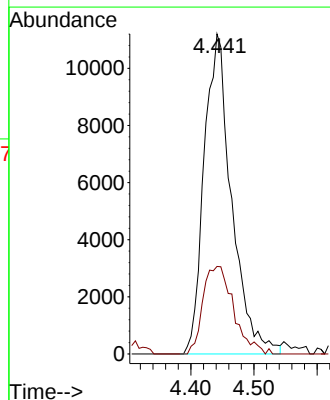
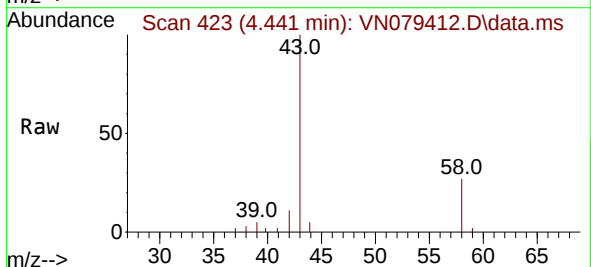
Instrument :
MSVOA_N
ClientSampleId :
TP-1

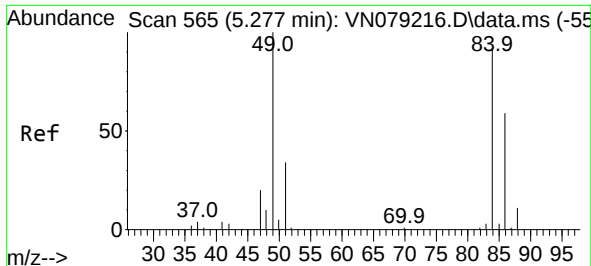
Tgt Ion:168 Resp: 126388
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 46.647 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079412.D
Acq: 04 Oct 2023 18:48

Tgt Ion: 43 Resp: 33800
Ion Ratio Lower Upper
43 100
58 27.3 28.0 42.0#

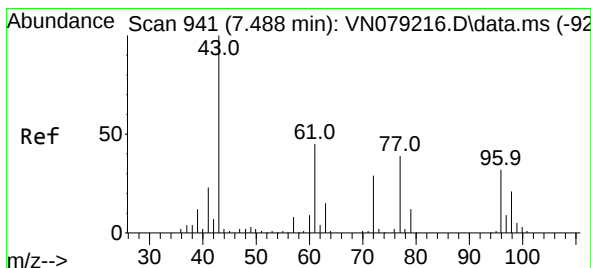
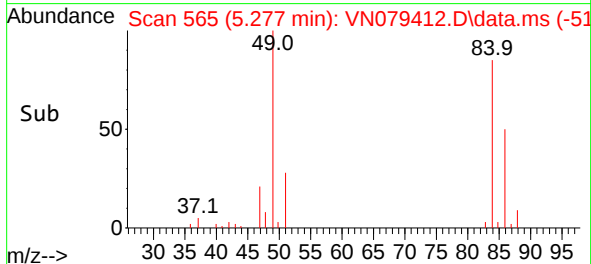
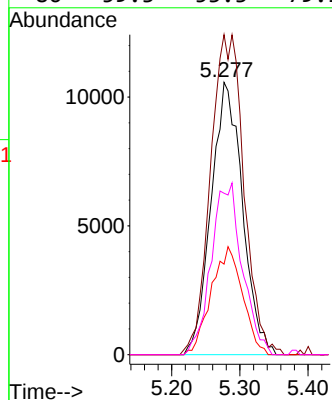
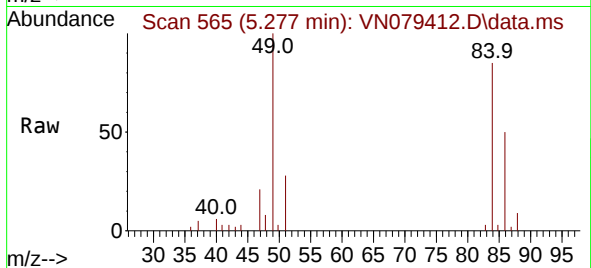




#20
Methylene Chloride
Concen: 19.145 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079412.D
Acq: 04 Oct 2023 18:48

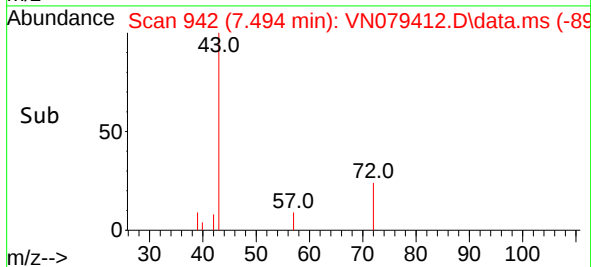
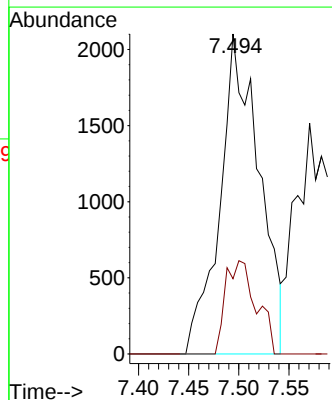
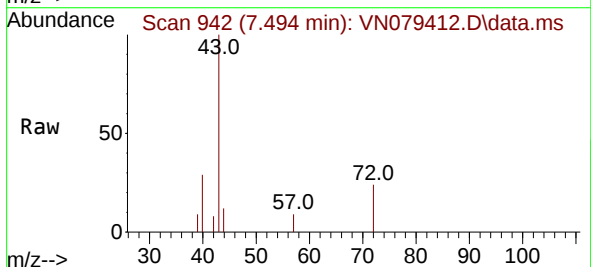
Instrument :
MSVOA_N
ClientSampleId :
TP-1

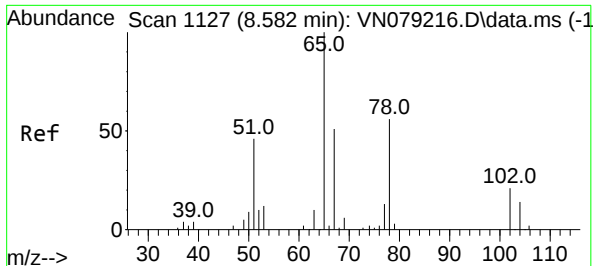
Tgt Ion:	84	Resp:	33759
Ion	Ratio	Lower	Upper
84	100		
49	117.5	79.7	119.5
51	33.2	25.2	37.8
86	59.3	53.3	79.9



#25
2-Butanone
Concen: 5.439 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079412.D
Acq: 04 Oct 2023 18:48

Tgt Ion:	43	Resp:	5718
Ion	Ratio	Lower	Upper
43	100		
72	23.5	30.2	45.2#





#33

1,2-Dichloroethane-d4

Concen: 69.169 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079412.D

Acq: 04 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

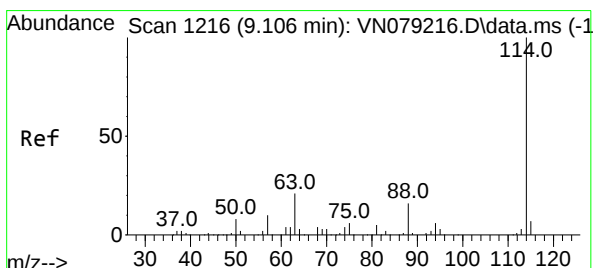
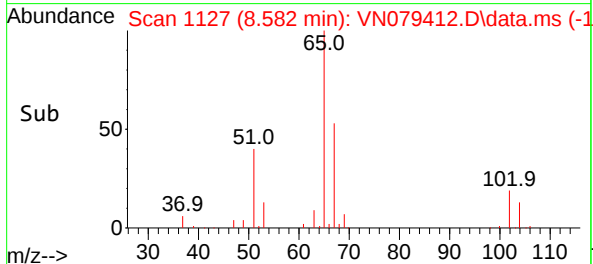
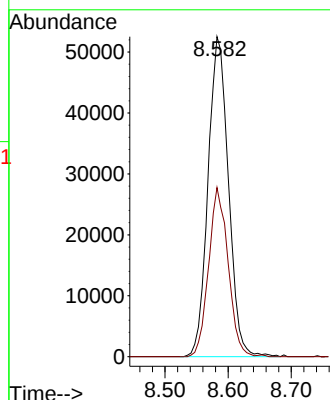
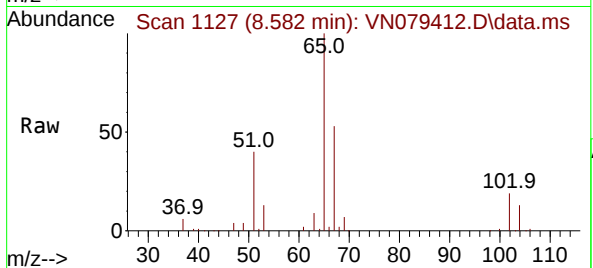
TP-1

Tgt Ion: 65 Resp: 118011

Ion Ratio Lower Upper

65 100

67 50.4 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079412.D

Acq: 04 Oct 2023 18:48

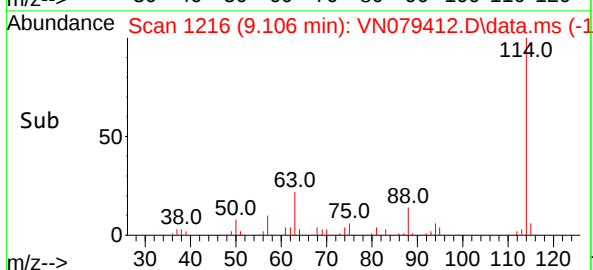
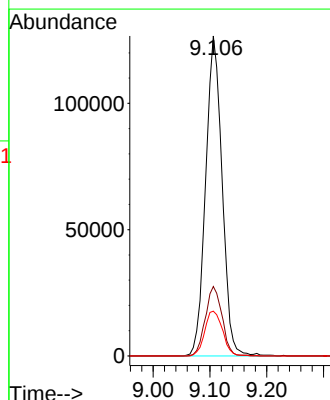
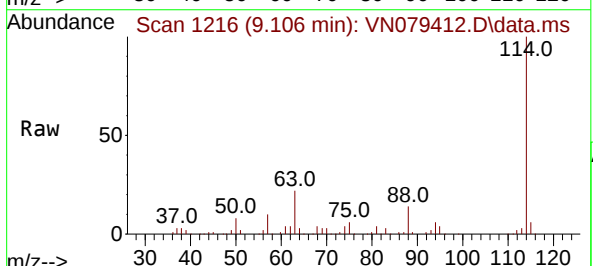
Tgt Ion: 114 Resp: 255050

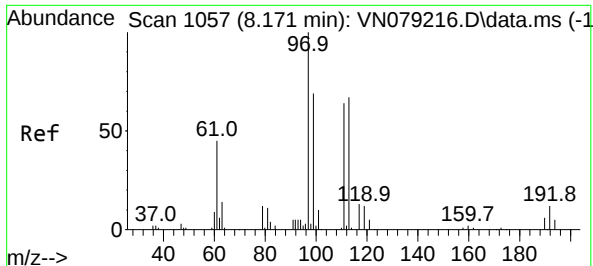
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

88 14.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.957 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079412.D

Acq: 04 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

TP-1

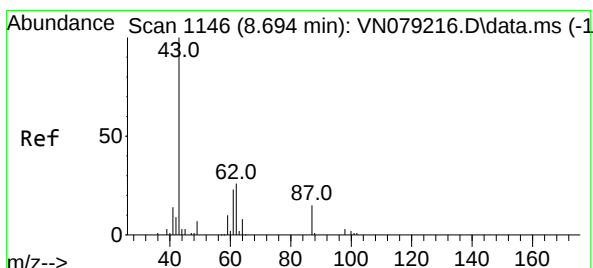
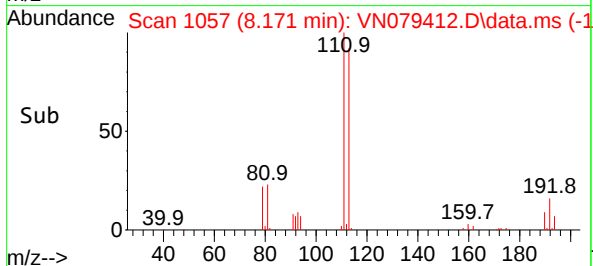
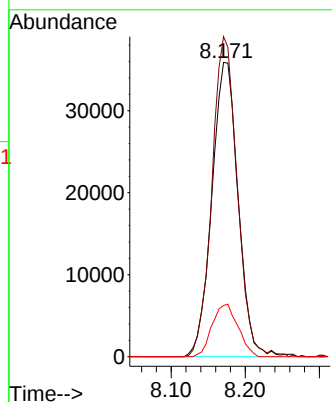
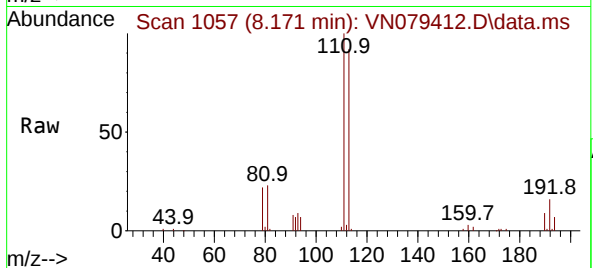
Tgt Ion:113 Resp: 88147

Ion Ratio Lower Upper

113 100

111 104.8 82.6 123.8

192 17.6 12.7 19.1



#43

Isopropyl Acetate

Concen: 43.504 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079412.D

Acq: 04 Oct 2023 18:48

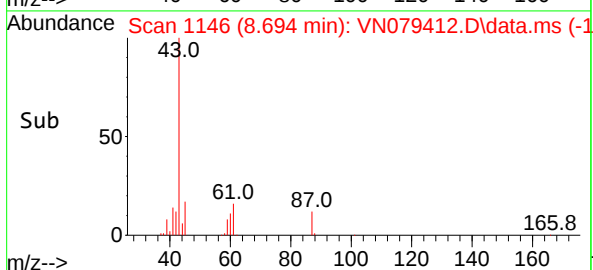
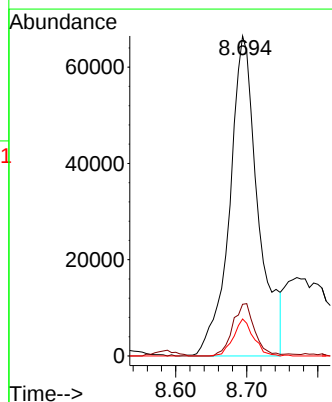
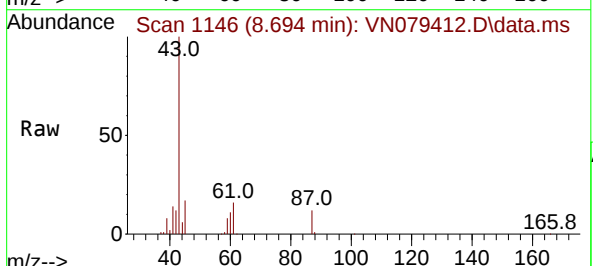
Tgt Ion: 43 Resp: 185147

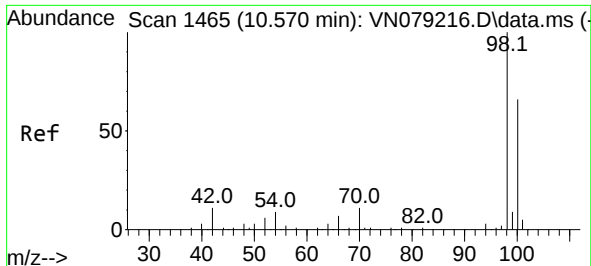
Ion Ratio Lower Upper

43 100

61 12.7 24.7 37.1#

87 8.1 14.6 21.8#

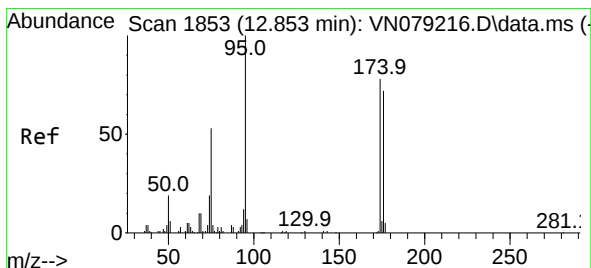
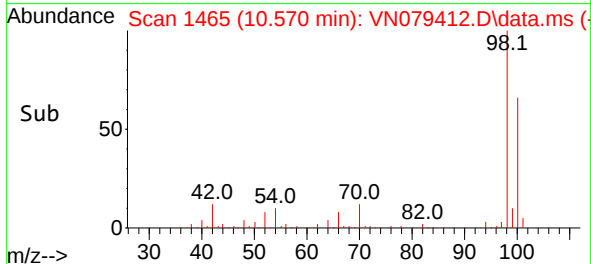
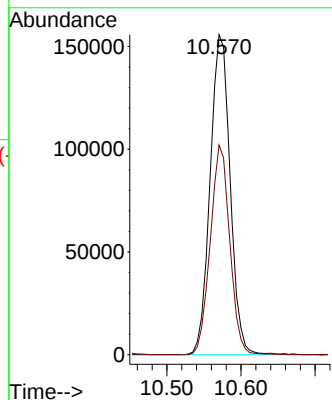
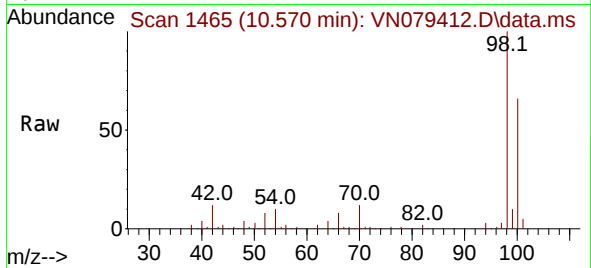




#50
Toluene-d8
Concen: 46.822 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079412.D
Acq: 04 Oct 2023 18:48

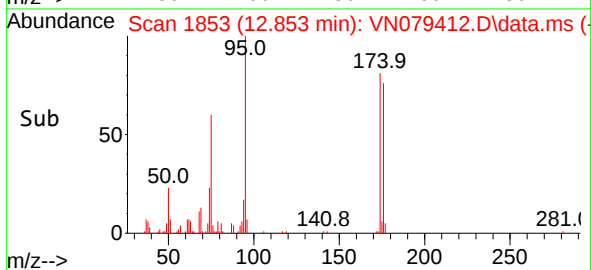
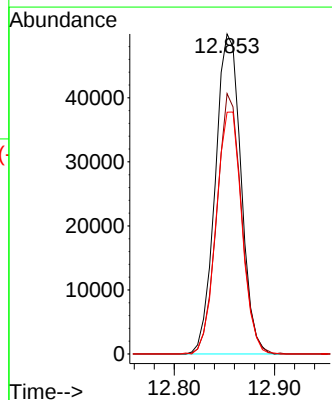
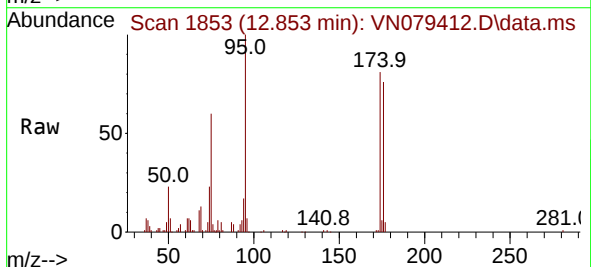
Instrument :
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TP-1

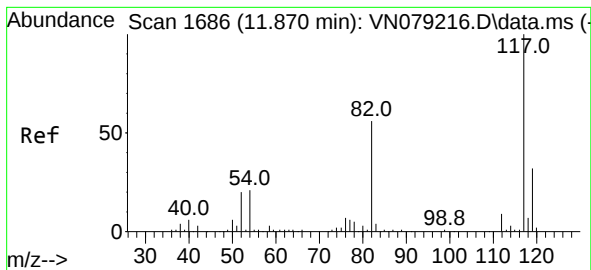
Tgt Ion: 98 Resp: 291676
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.785 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079412.D
Acq: 04 Oct 2023 18:48

Tgt Ion: 95 Resp: 88991
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 75.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN079412.D

Acq: 04 Oct 2023 18:48

Instrument :

MSVOA_N

ClientSampleId :

TP-1

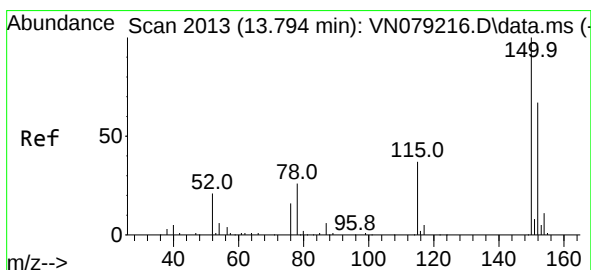
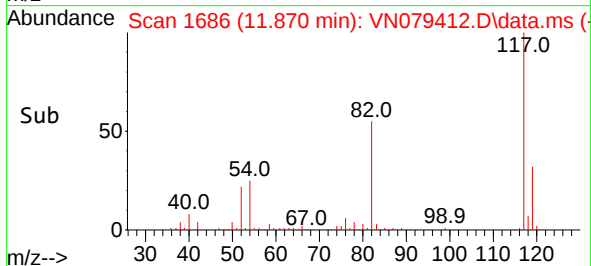
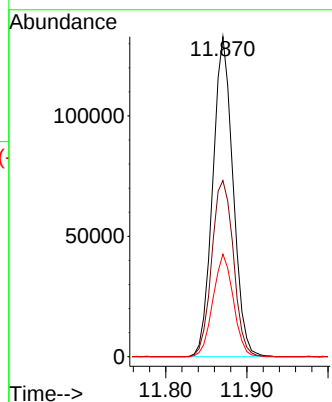
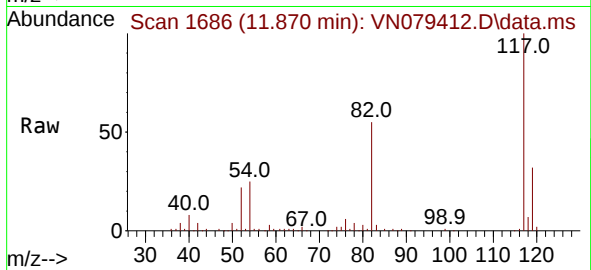
Tgt Ion:117 Resp: 230532

Ion Ratio Lower Upper

117 100

82 55.0 44.0 66.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.006 min

Lab File: VN079412.D

Acq: 04 Oct 2023 18:48

Tgt Ion:152 Resp: 58845

Ion Ratio Lower Upper

152 100

115 63.7 32.3 96.8

150 159.4 0.0 355.8

