

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079396.D
 Acq On : 30 Sep 2023 18:58
 Operator : JC\MD
 Sample : PB155992ZHE#16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#16

Quant Time: Oct 02 02:00:55 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)

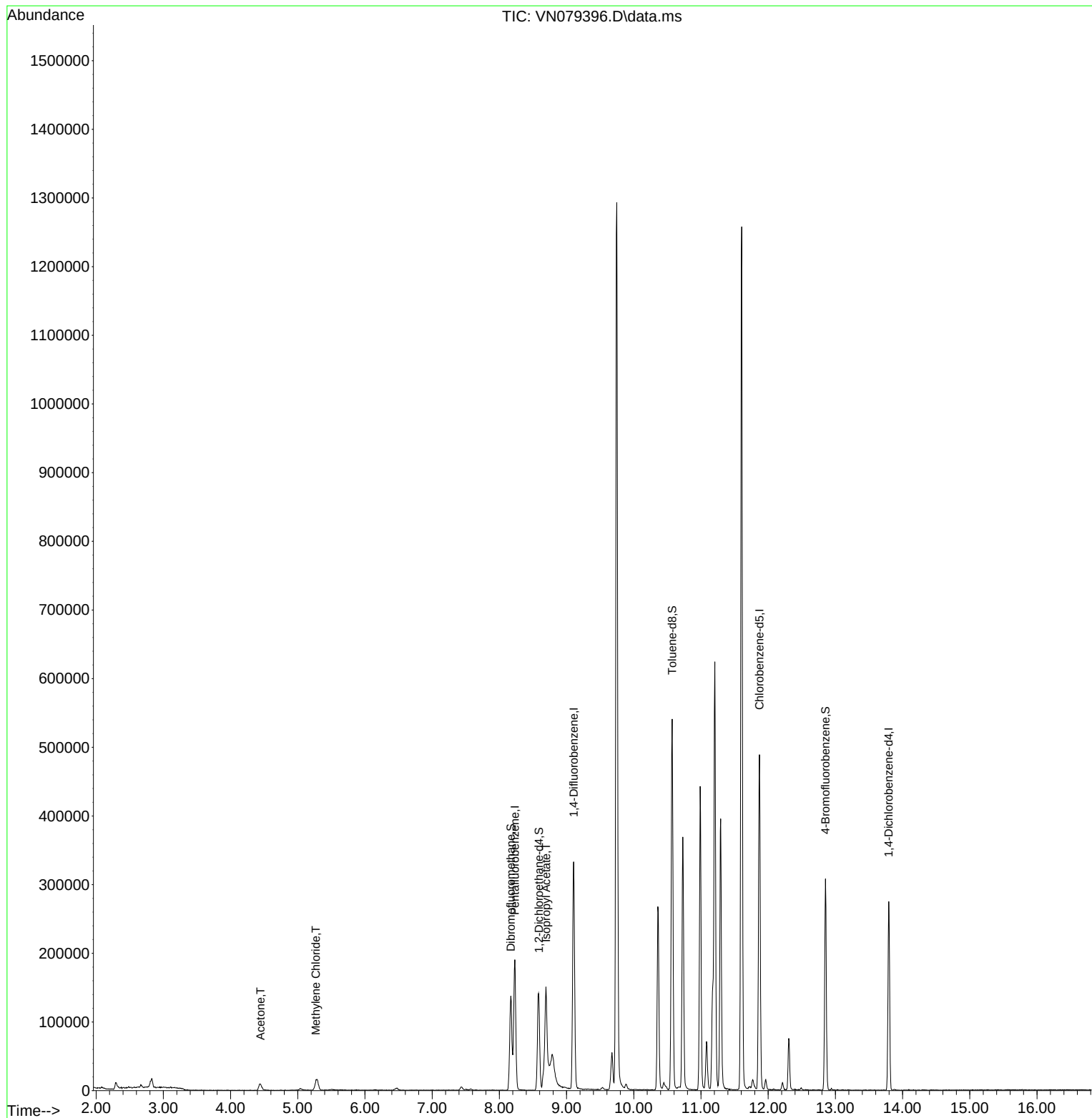
Internal Standards						
1) Pentafluorobenzene	8.230	168	130186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	274797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	117823	67.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	134.080%#
35) Dibromofluoromethane	8.171	113	97705	53.452	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.900%
50) Toluene-d8	10.571	98	365021	54.385	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.780%
62) 4-Bromofluorobenzene	12.853	95	101704	47.505	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.000%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	19313	25.876	ug/l	90
20) Methylene Chloride	5.271	84	12918	7.112	ug/l #	81
43) Isopropyl Acetate	8.694	43	192020	41.876	ug/l #	71

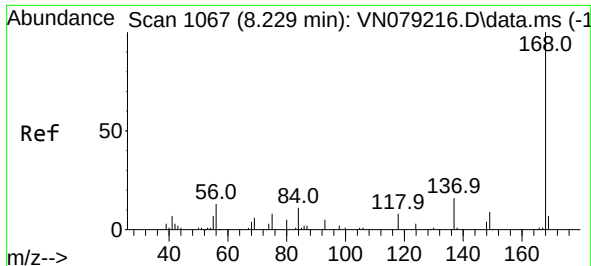
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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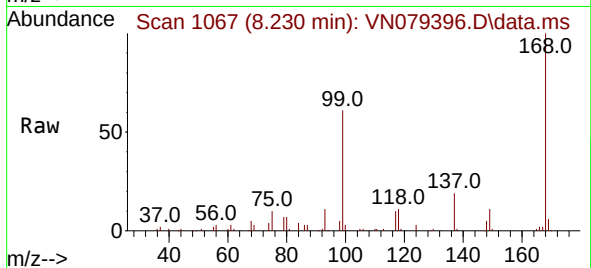
Quant Time: Oct 02 02:00:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration



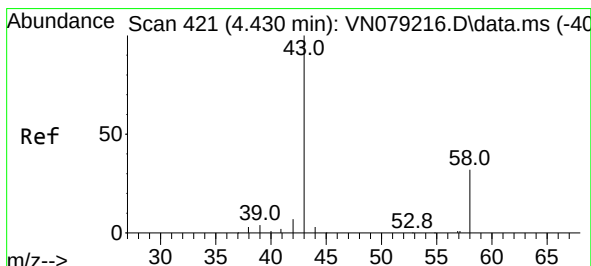
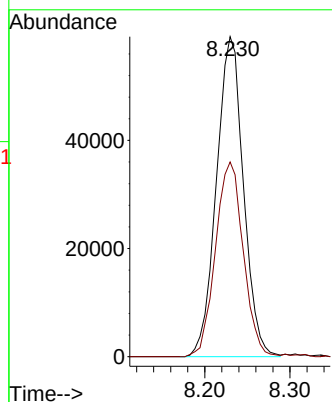
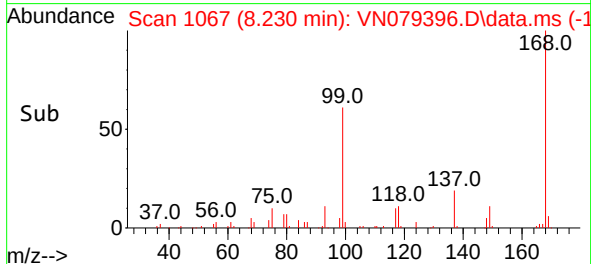


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#16

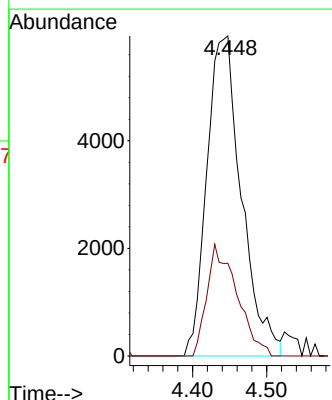
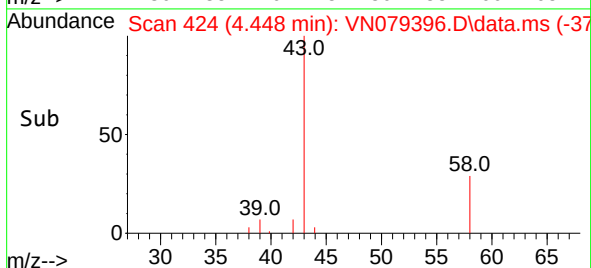
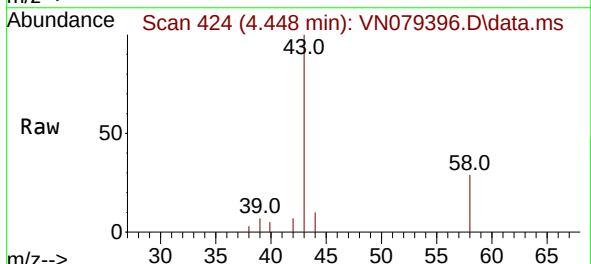


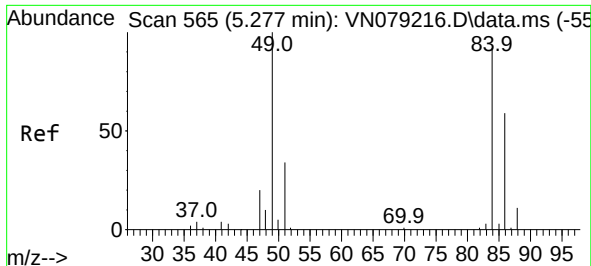
Tgt Ion:168 Resp: 130186
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#16
Acetone
Concen: 25.876 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.006 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

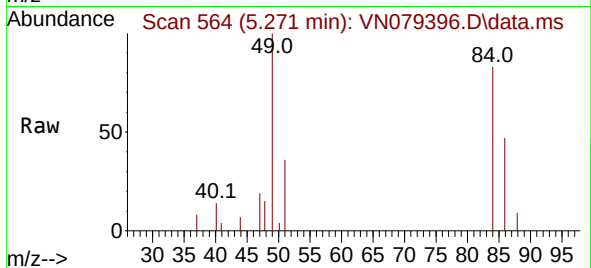
Tgt Ion: 43 Resp: 19313
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



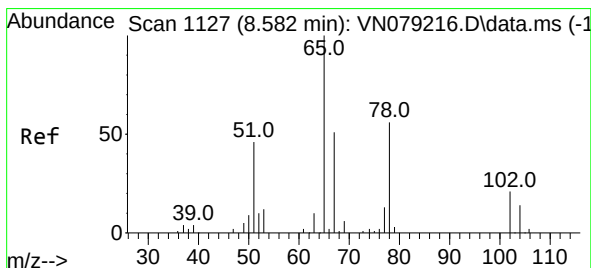
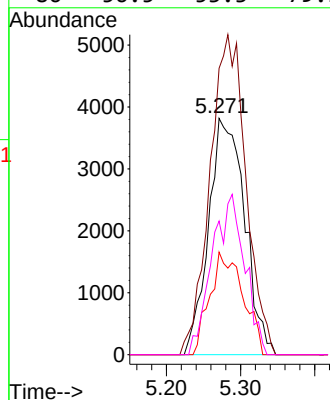
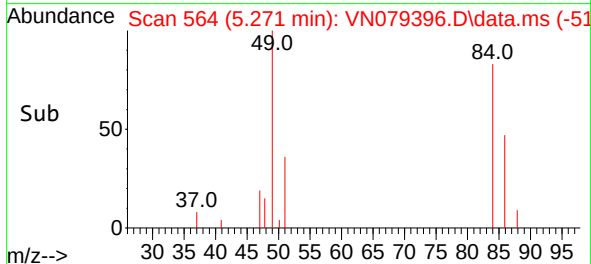


#20
Methylene Chloride
Concen: 7.112 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#16

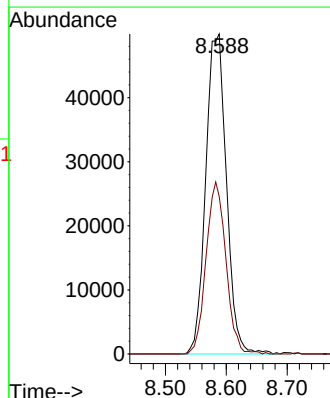
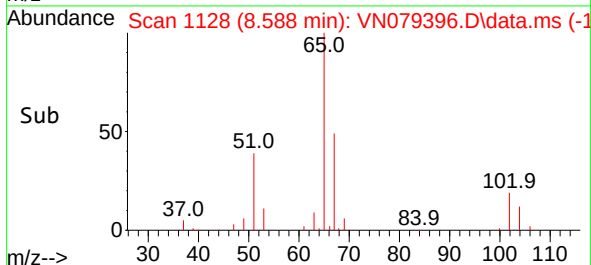
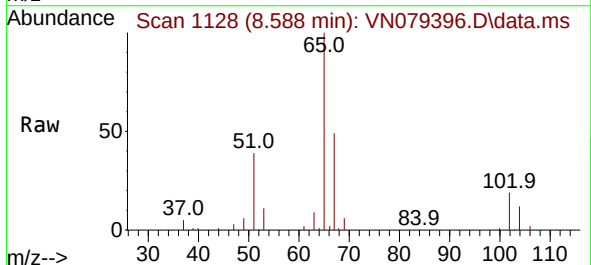


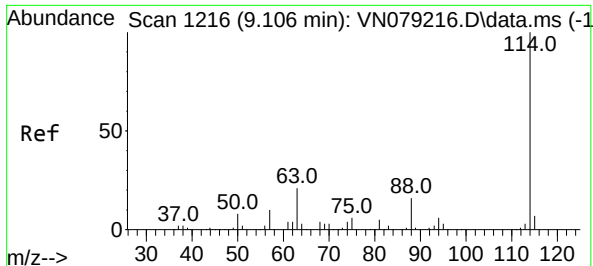
Tgt Ion:	84	Resp:	12918
Ion	Ratio	Lower	Upper
84	100		
49	121.2	79.7	119.5#
51	43.4	25.2	37.8#
86	56.5	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 67.044 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

Tgt Ion:	65	Resp:	117823
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

PB155992ZHE#16

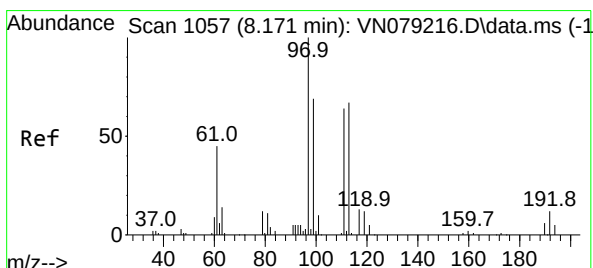
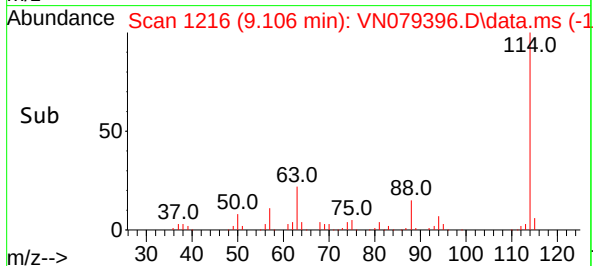
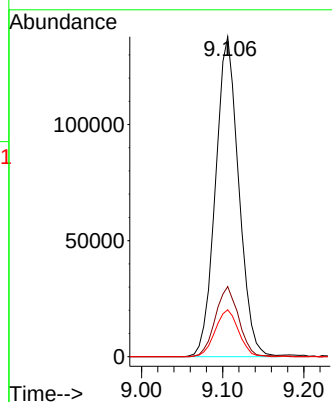
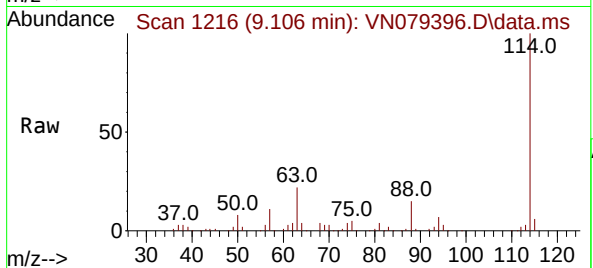
Tgt Ion:114 Resp: 274797

Ion Ratio Lower Upper

114 100

63 21.9 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.452 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

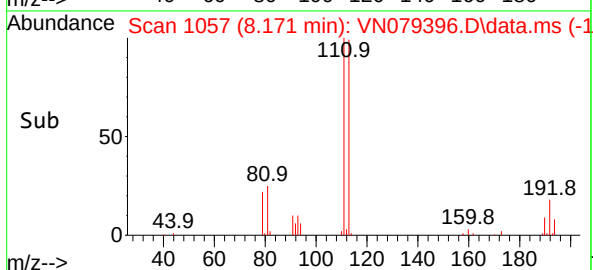
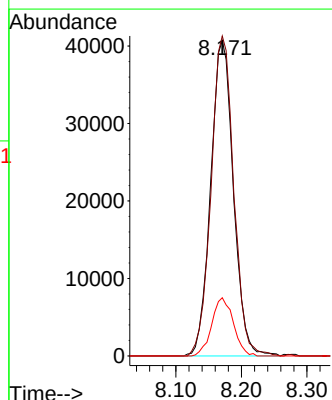
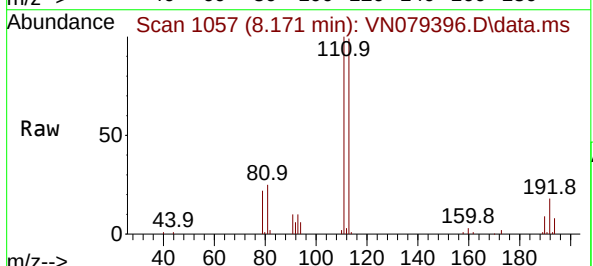
Tgt Ion:113 Resp: 97705

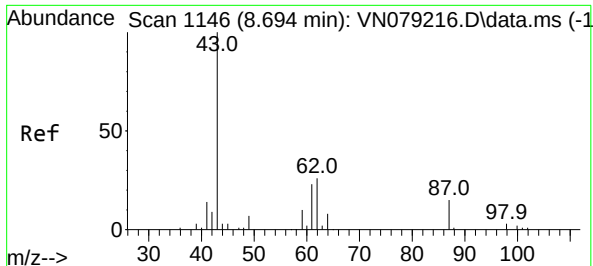
Ion Ratio Lower Upper

113 100

111 100.8 82.6 123.8

192 17.6 12.7 19.1





#43

Isopropyl Acetate

Concen: 41.876 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079396.D

Acq: 30 Sep 2023 18:58

Instrument :

MSVOA_N

ClientSampleId :

PB155992ZHE#16

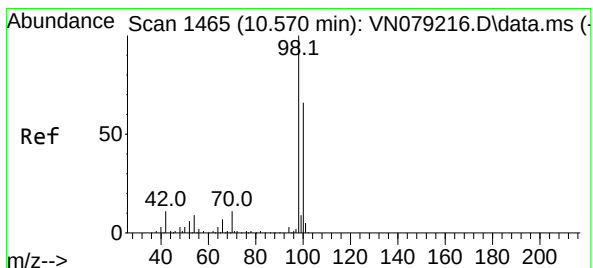
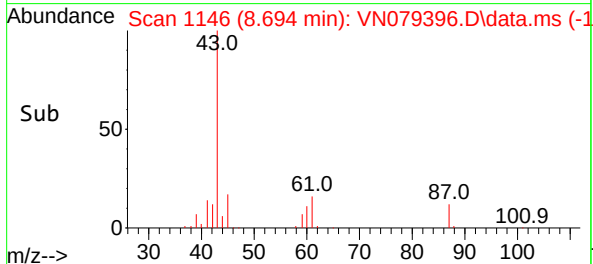
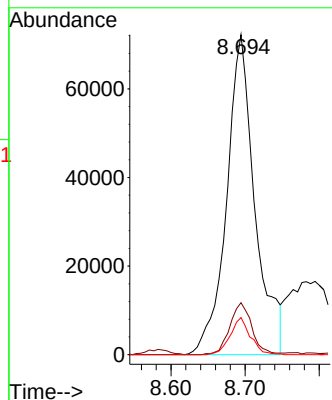
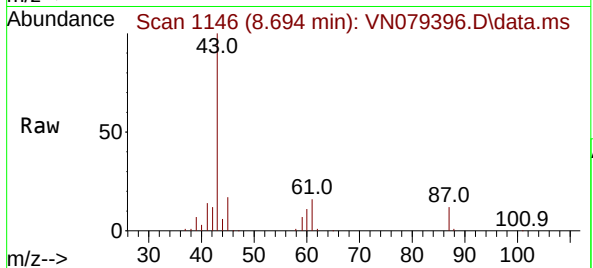
Tgt Ion: 43 Resp: 192020

Ion Ratio Lower Upper

43 100

61 12.7 24.7 37.1#

87 8.3 14.6 21.8#



#50

Toluene-d8

Concen: 54.385 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079396.D

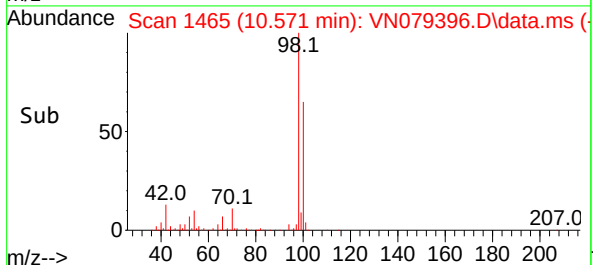
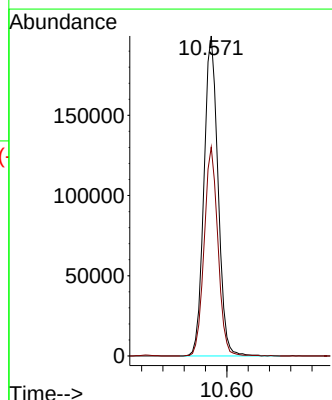
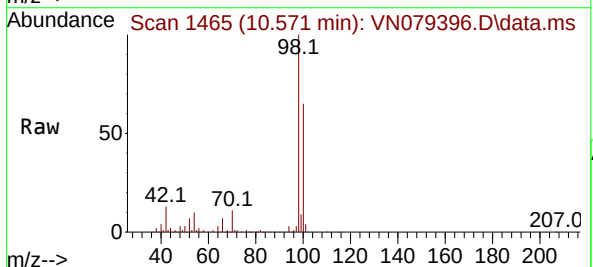
Acq: 30 Sep 2023 18:58

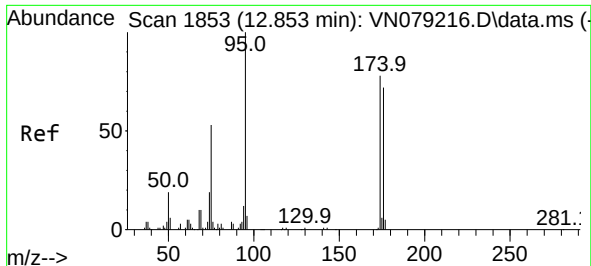
Tgt Ion: 98 Resp: 365021

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

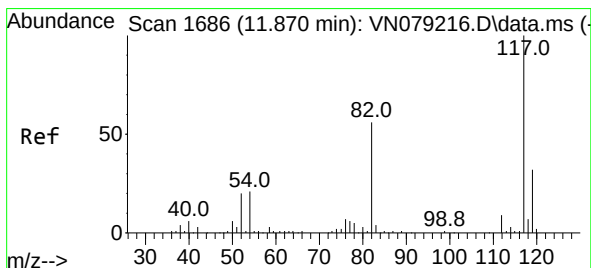
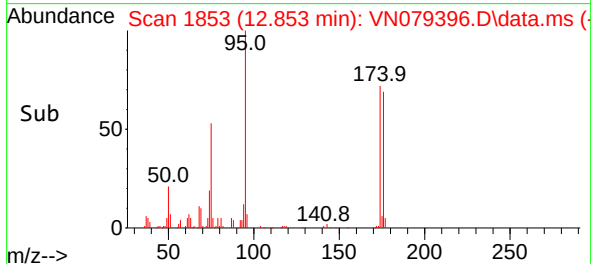
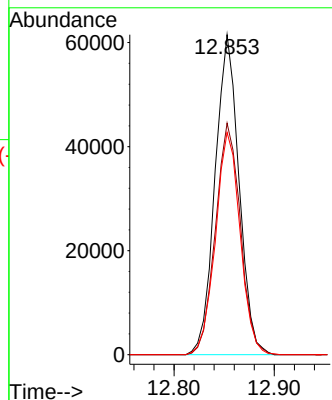
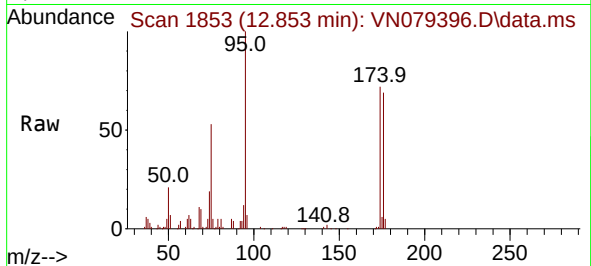




#62
4-Bromofluorobenzene
Concen: 47.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

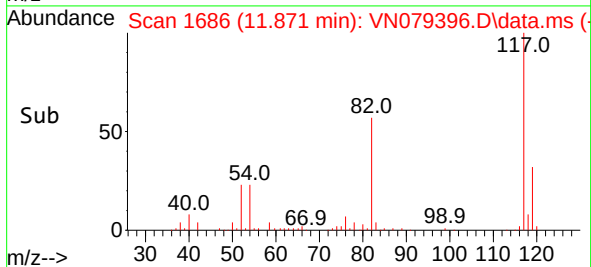
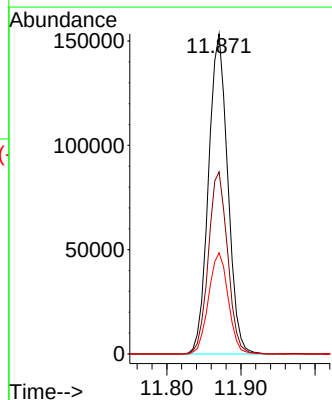
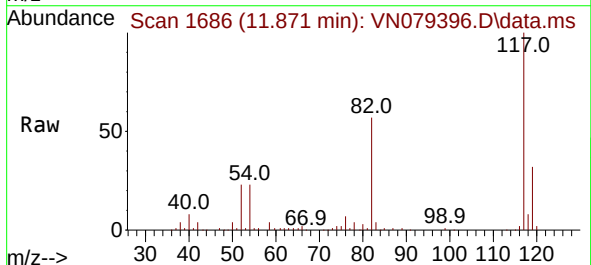
Instrument :
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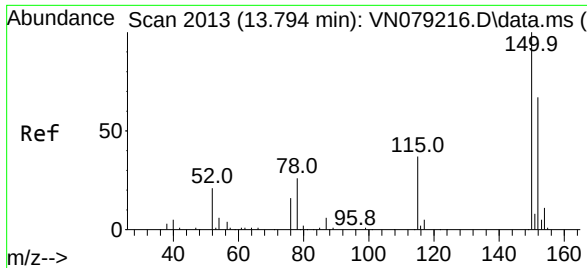
Tgt Ion: 95 Resp: 101704
Ion Ratio Lower Upper
95 100
174 75.4 0.0 143.8
176 71.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079396.D
Acq: 30 Sep 2023 18:58

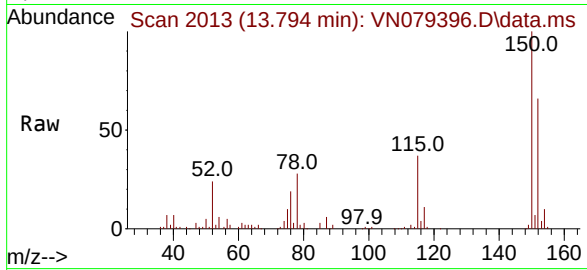
Tgt Ion: 117 Resp: 276493
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079396.D
 Acq: 30 Sep 2023 18:58

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#16



Tgt Ion:152 Resp: 72377
 Ion Ratio Lower Upper
 152 100
 115 58.4 32.3 96.8
 150 153.4 0.0 355.8

