

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093023\
 Data File : VN079394.D
 Acq On : 30 Sep 2023 18:10
 Operator : JC\MD
 Sample : PB155992ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#14

Quant Time: Oct 02 01:59:53 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)

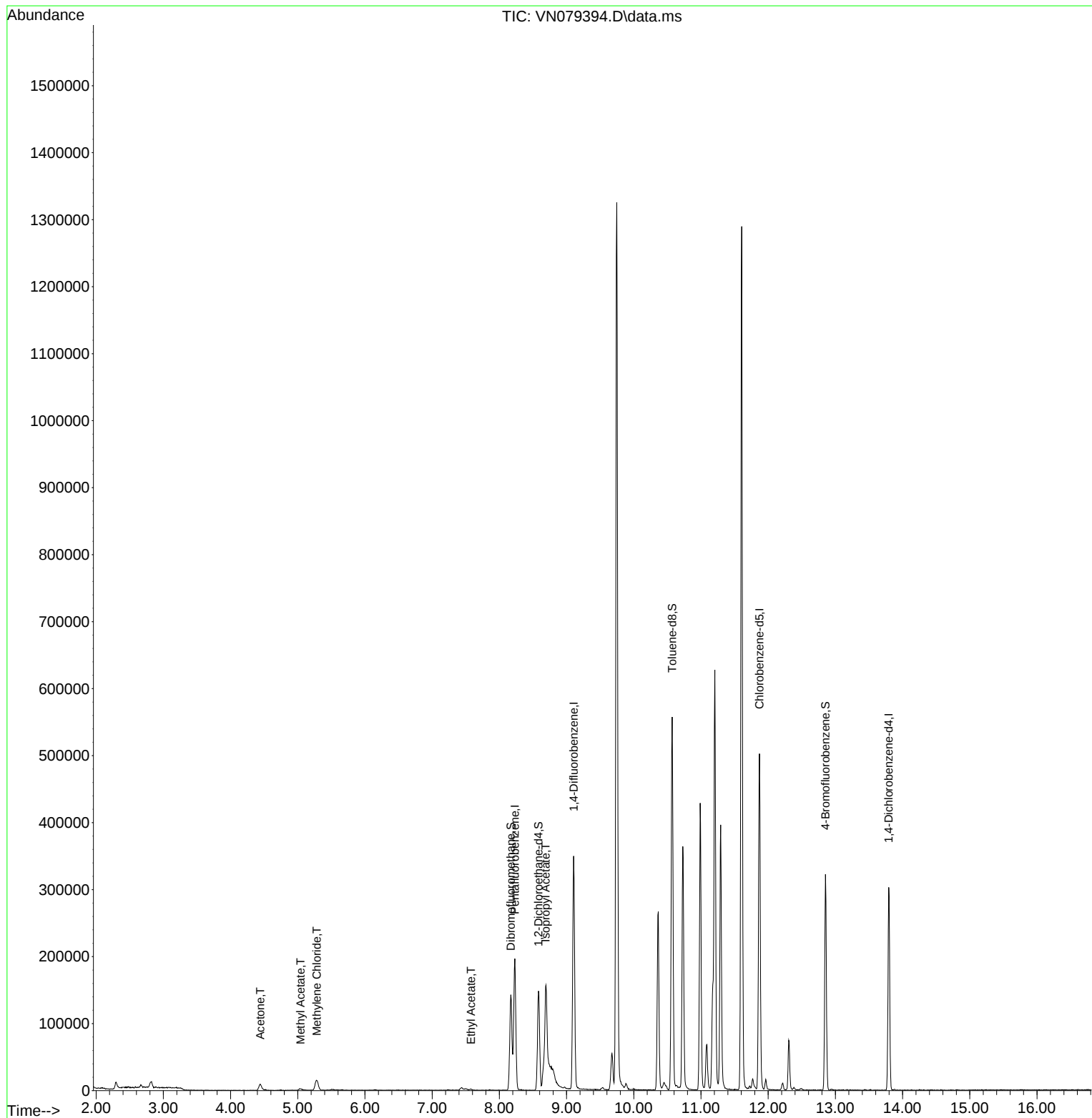
Internal Standards						
1) Pentafluorobenzene	8.230	168	135974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	287334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	283701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119565	65.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 130.280%#	
35) Dibromofluoromethane	8.171	113	100576	52.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.240%	
50) Toluene-d8	10.571	98	380858	54.269	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.540%	
62) 4-Bromofluorobenzene	12.853	95	106139	47.413	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	18949	24.307	ug/l #	80
18) Methyl Acetate	5.042	43	4555	1.422	ug/l #	80
20) Methylene Chloride	5.283	84	12206	6.434	ug/l	90
37) Ethyl Acetate	7.577	43	3279	1.116	ug/l #	67
43) Isopropyl Acetate	8.688	43	214333	44.703	ug/l #	70

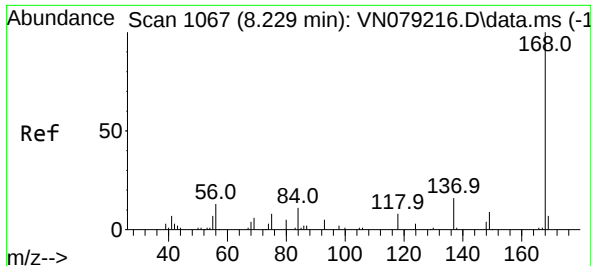
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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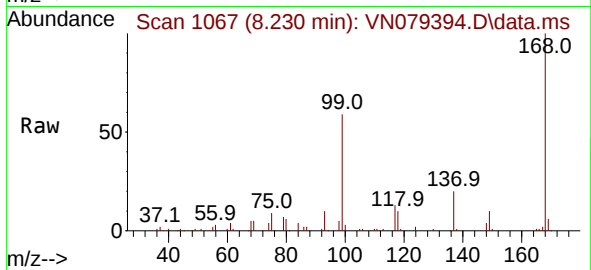
Quant Time: Oct 02 01:59:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
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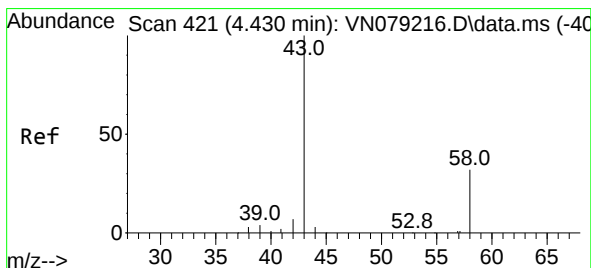
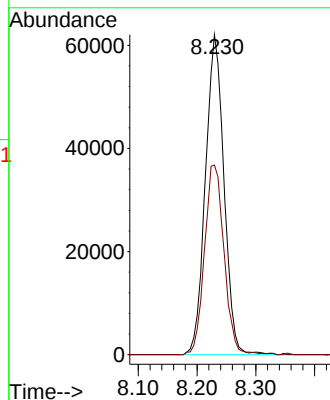
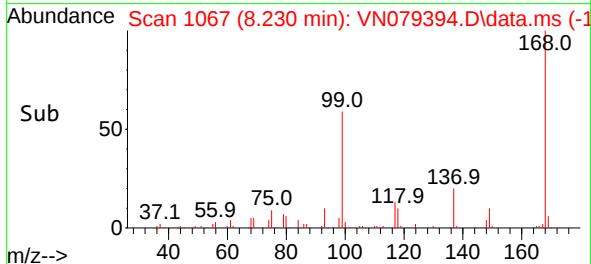


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079394.D
Acq: 30 Sep 2023 18:10

Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#14

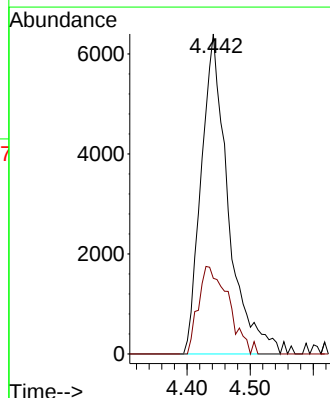
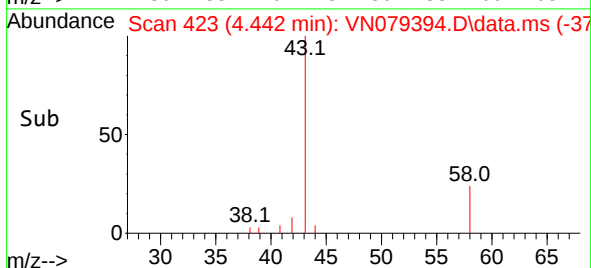
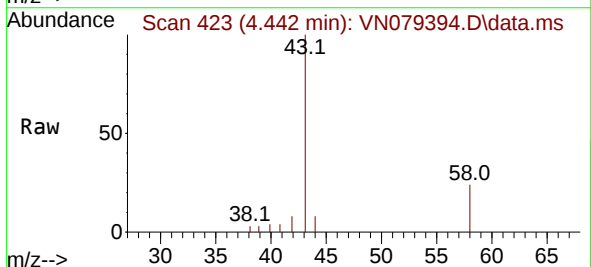


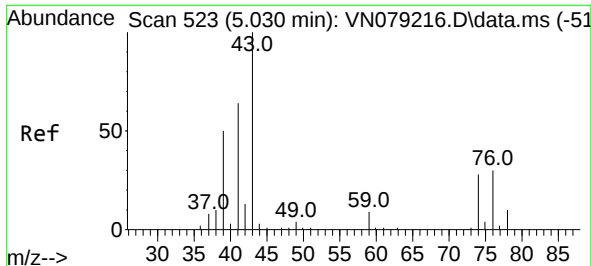
Tgt Ion:168 Resp: 135974
Ion Ratio Lower Upper
168 100
99 59.3 53.0 79.6



#16
Acetone
Concen: 24.307 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079394.D
Acq: 30 Sep 2023 18:10

Tgt Ion: 43 Resp: 18949
Ion Ratio Lower Upper
43 100
58 23.7 28.0 42.0#

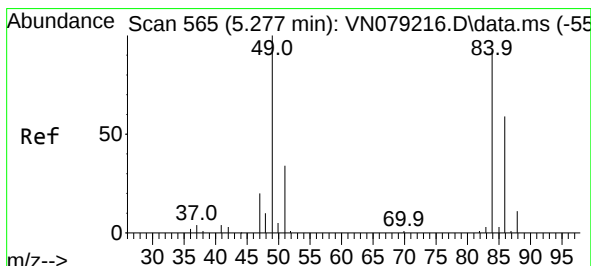
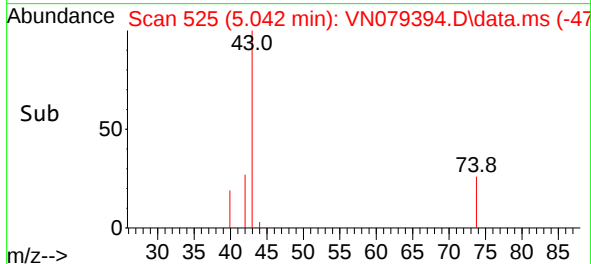
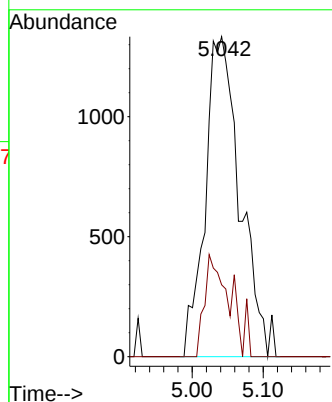
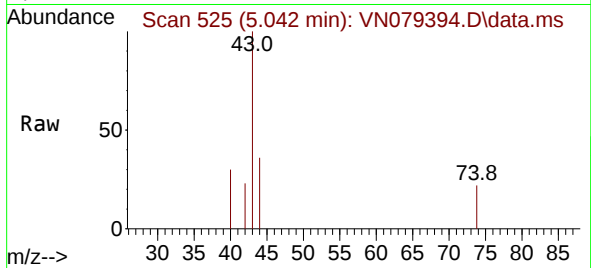




#18
Methyl Acetate
Concen: 1.422 ug/l
RT: 5.042 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079394.D
Acq: 30 Sep 2023 18:10

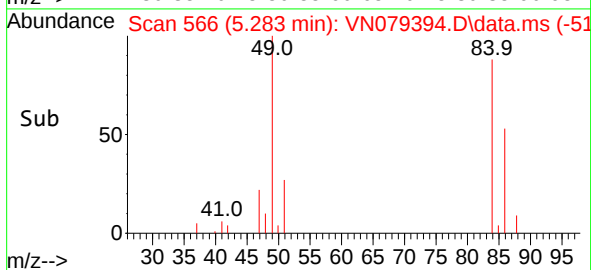
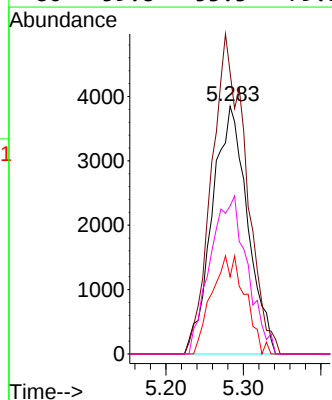
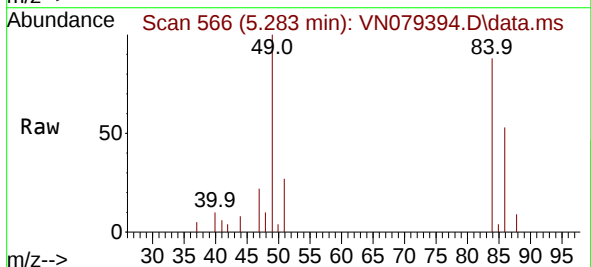
Instrument :
MSVOA_N
ClientSampleId :
PB155992ZHE#14

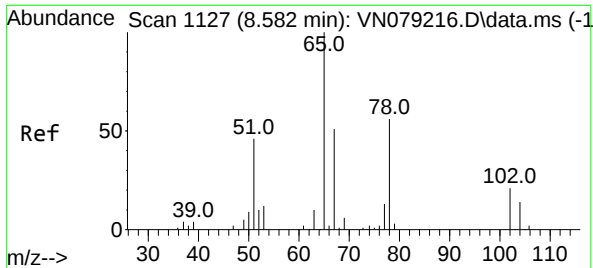
Tgt Ion: 43 Resp: 4555
Ion Ratio Lower Upper
43 100
74 21.5 26.2 39.4#



#20
Methylene Chloride
Concen: 6.434 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079394.D
Acq: 30 Sep 2023 18:10

Tgt Ion: 84 Resp: 12206
Ion Ratio Lower Upper
84 100
49 113.6 79.7 119.5
51 31.1 25.2 37.8
86 59.8 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 65.140 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079394.D

Acq: 30 Sep 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

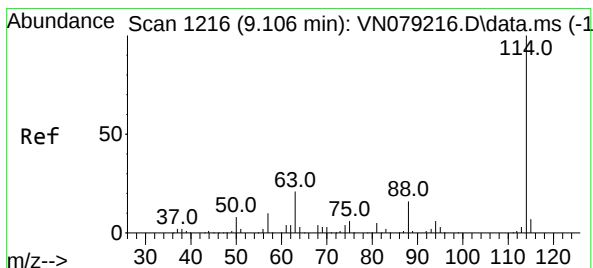
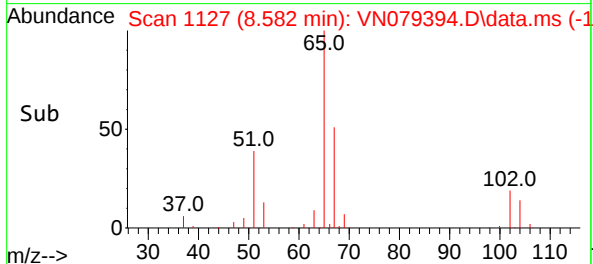
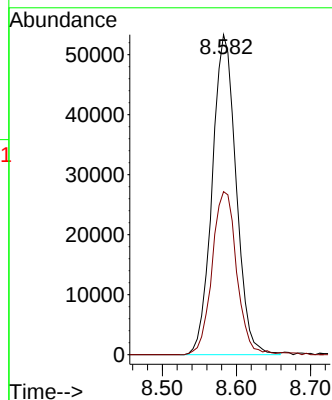
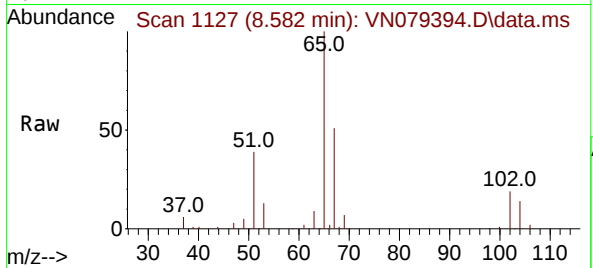
PB155992ZHE#14

Tgt Ion: 65 Resp: 119565

Ion Ratio Lower Upper

65 100

67 52.3 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: VN079394.D

Acq: 30 Sep 2023 18:10

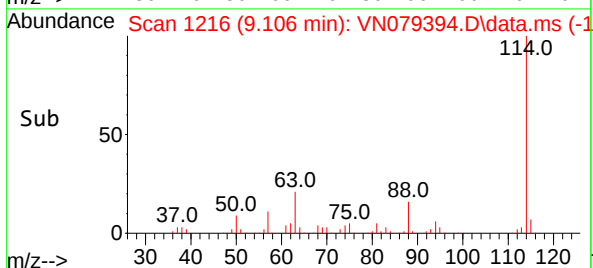
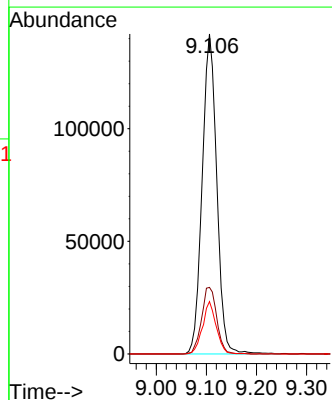
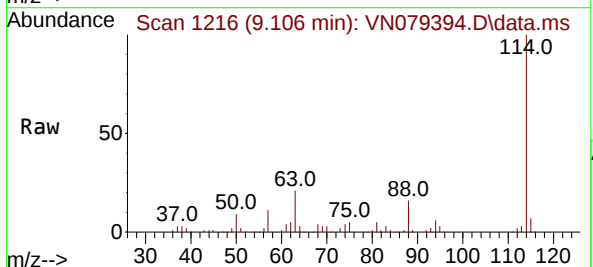
Tgt Ion: 114 Resp: 287334

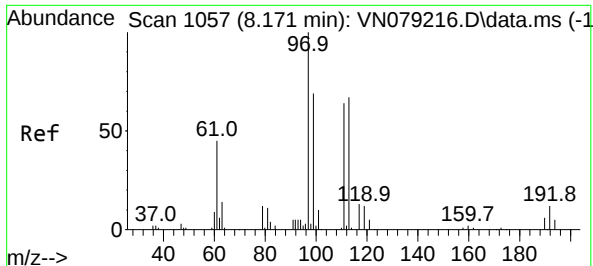
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

88 16.4 0.0 30.6



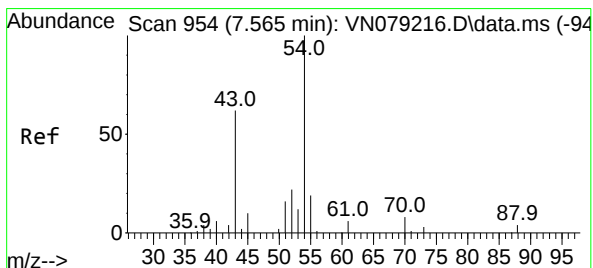
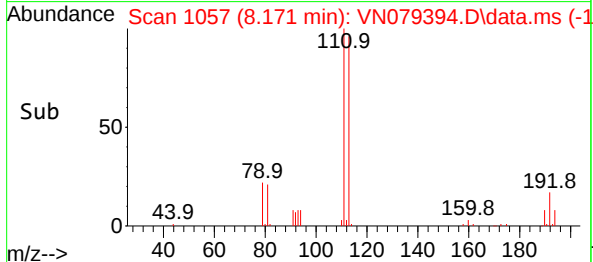
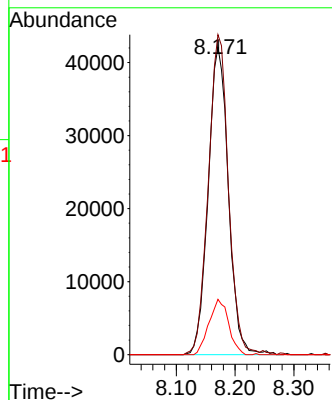
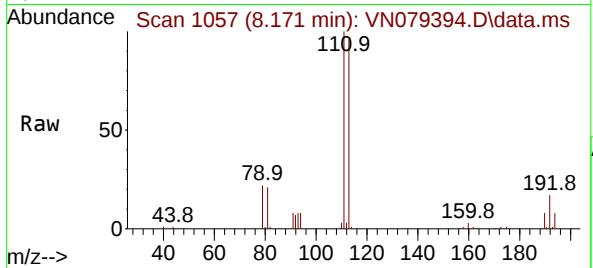


#35
 Dibromofluoromethane
 Concen: 52.622 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VN079394.D
 Acq: 30 Sep 2023 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#14

Tgt Ion: 113 Resp: 100576

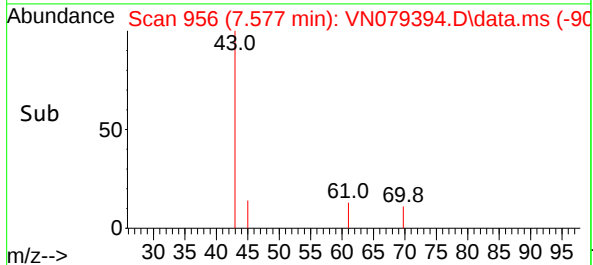
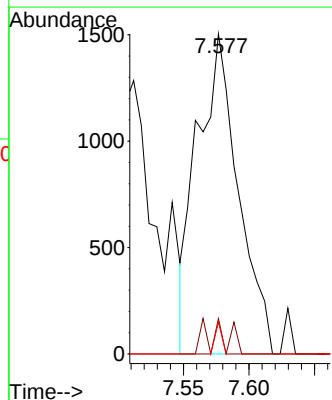
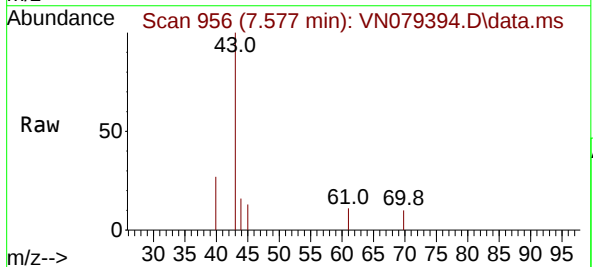
Ion	Ratio	Lower	Upper
113	100		
111	103.8	82.6	123.8
192	17.5	12.7	19.1

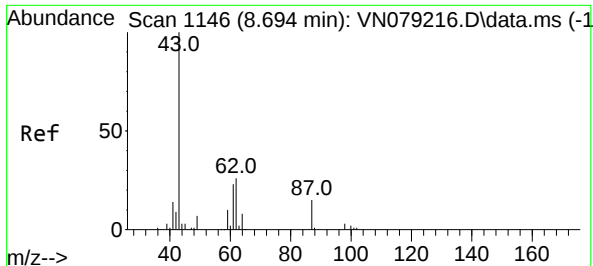


#37
 Ethyl Acetate
 Concen: 1.116 ug/l
 RT: 7.577 min Scan# 956
 Delta R.T. 0.006 min
 Lab File: VN079394.D
 Acq: 30 Sep 2023 18:10

Tgt Ion: 43 Resp: 3279

Ion	Ratio	Lower	Upper
43	100		
61	1.8	13.2	19.8#
70	1.6	11.3	16.9#





#43

Isopropyl Acetate

Concen: 44.703 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VN079394.D

Acq: 30 Sep 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

PB155992ZHE#14

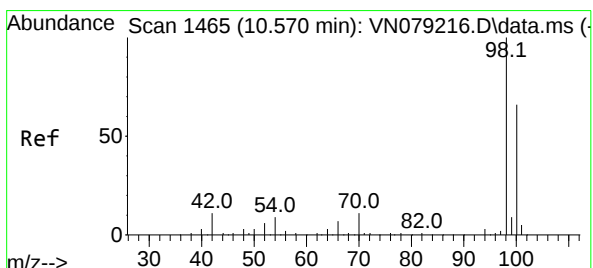
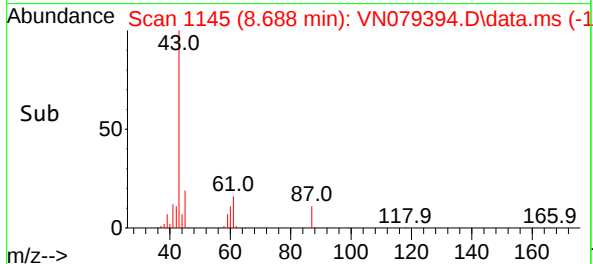
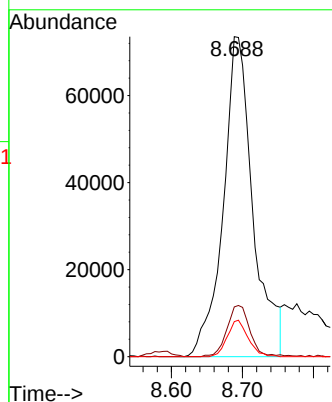
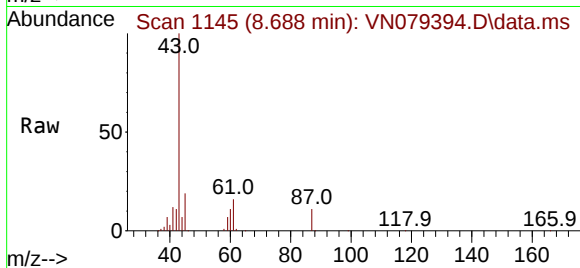
Tgt Ion: 43 Resp: 214333

Ion Ratio Lower Upper

43 100

61 12.5 24.7 37.1#

87 7.9 14.6 21.8#



#50

Toluene-d8

Concen: 54.269 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079394.D

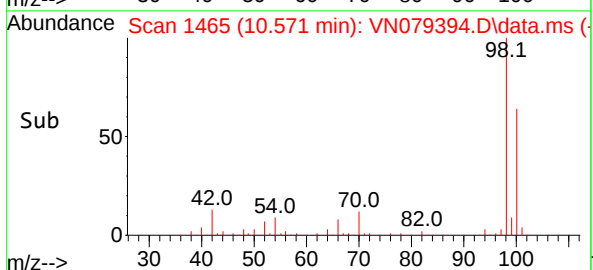
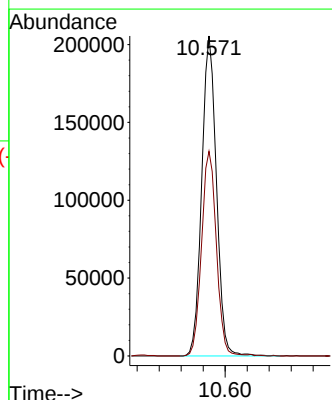
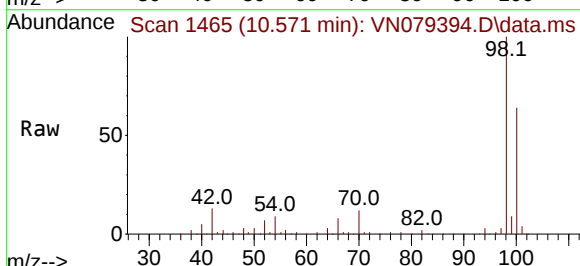
Acq: 30 Sep 2023 18:10

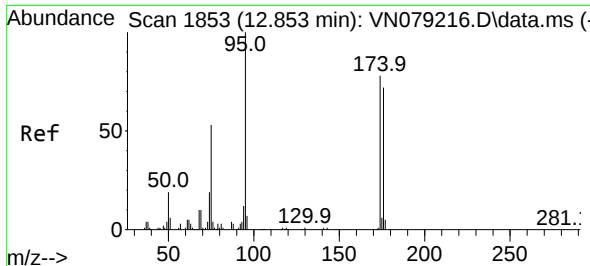
Tgt Ion: 98 Resp: 380858

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

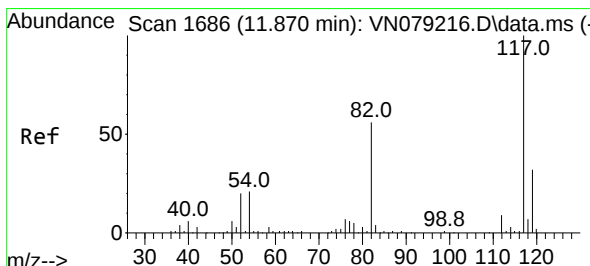
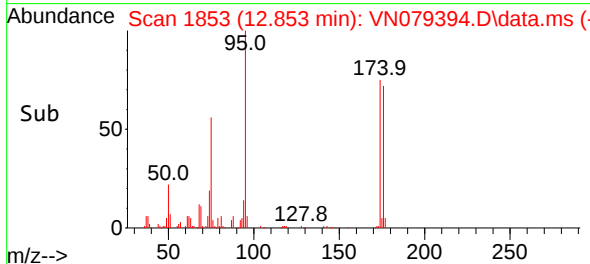
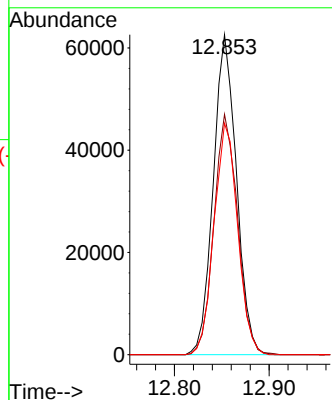
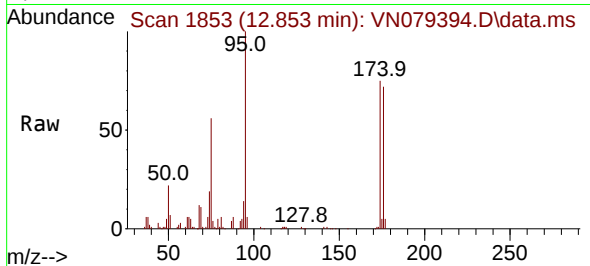




#62
4-Bromofluorobenzene
Concen: 47.413 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079394.D
Acq: 30 Sep 2023 18:10

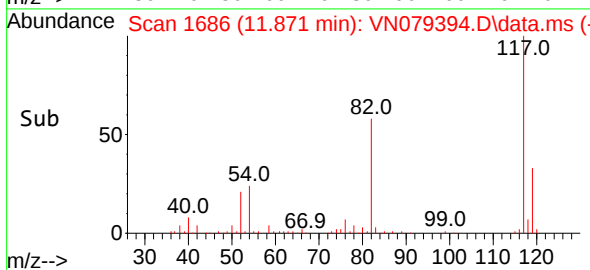
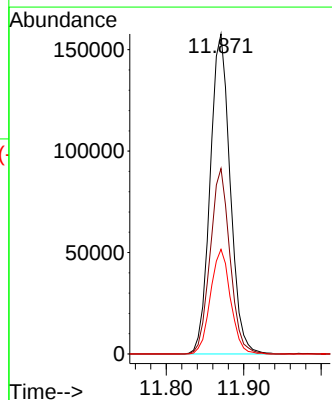
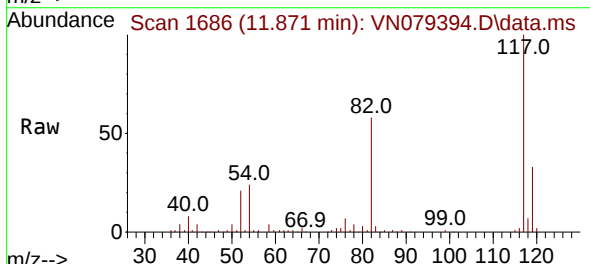
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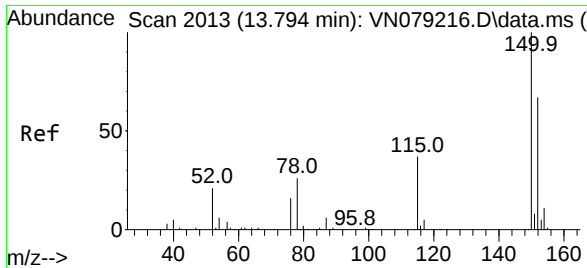
Tgt Ion: 95 Resp: 106139
Ion Ratio Lower Upper
95 100
174 76.8 0.0 143.8
176 74.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079394.D
Acq: 30 Sep 2023 18:10

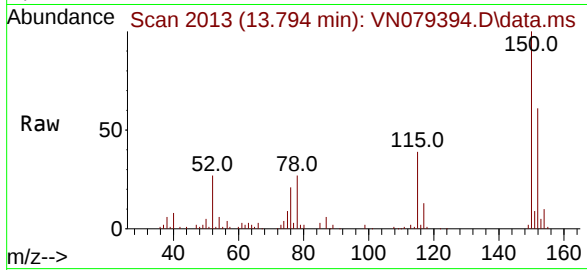
Tgt Ion: 117 Resp: 283701
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079394.D
 Acq: 30 Sep 2023 18:10

Instrument :
 MSVOA_N
 ClientSampleId :
 PB155992ZHE#14



Tgt Ion:152 Resp: 77967
 Ion Ratio Lower Upper
 152 100
 115 63.3 32.3 96.8
 150 160.3 0.0 355.8

