

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079408.D
 Acq On : 04 Oct 2023 17:11
 Operator : JC\MD
 Sample : PB156087ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#06

Quant Time: Oct 05 02:23:59 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)

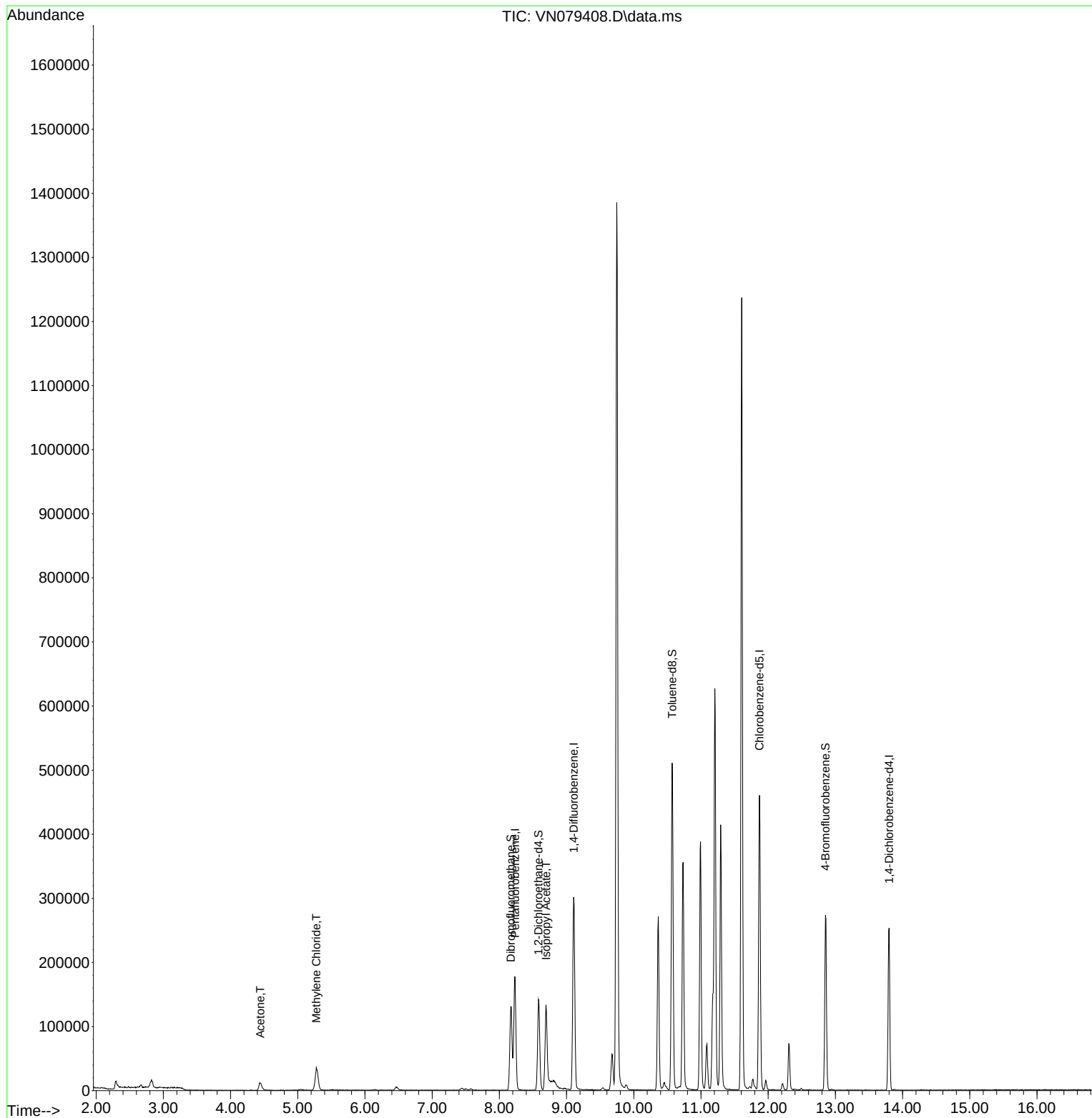
Internal Standards						
1) Pentafluorobenzene	8.235	168	123759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	257256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	261318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	65968	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	113996	68.235	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 136.480%#			
35) Dibromofluoromethane	8.171	113	93607	54.702	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.400%			
50) Toluene-d8	10.570	98	342133	54.451	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.900%			
62) 4-Bromofluorobenzene	12.853	95	93914	46.857	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.720%			
Target Compounds						
16) Acetone	4.441	43	24104	33.972	ug/l	91
20) Methylene Chloride	5.277	84	25724	14.898	ug/l #	87
43) Isopropyl Acetate	8.694	43	151239	35.232	ug/l #	76

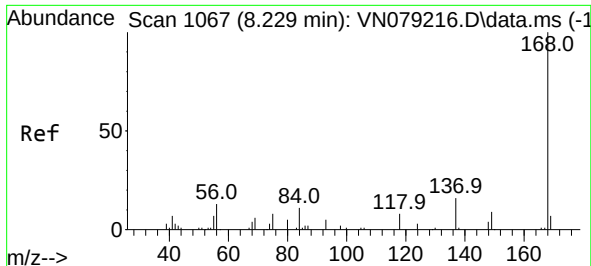
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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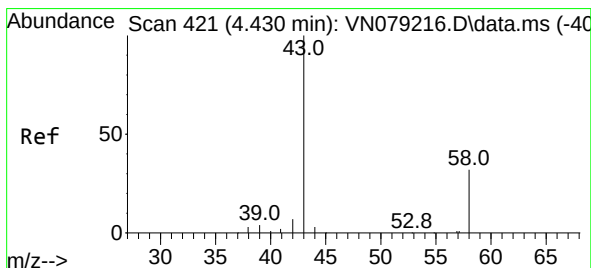
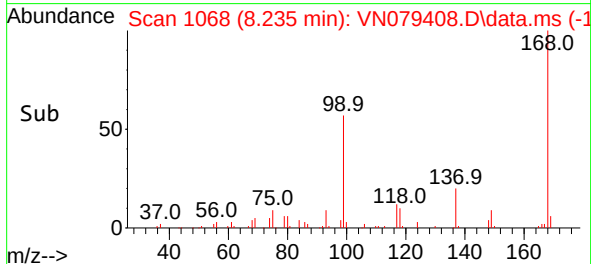
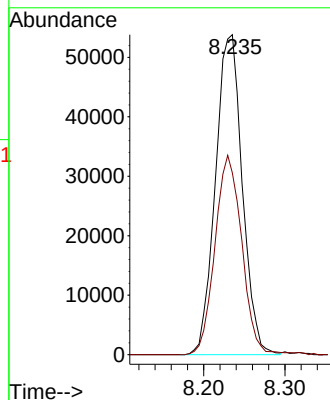
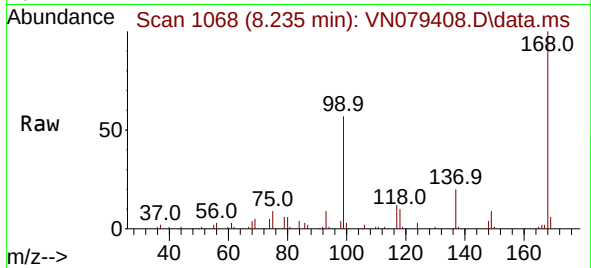




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

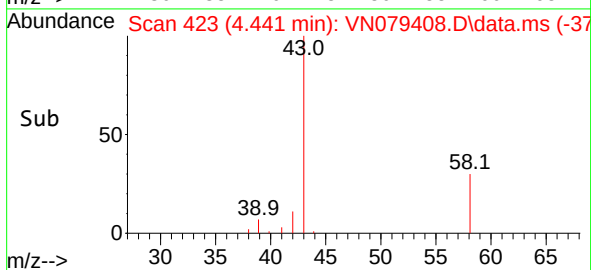
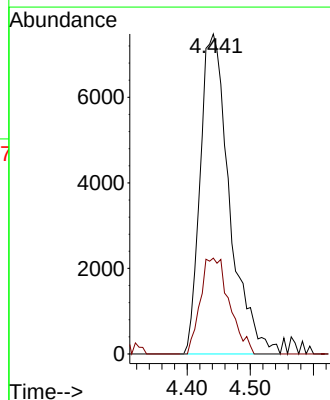
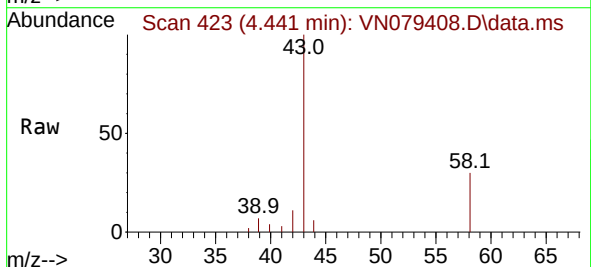
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#06

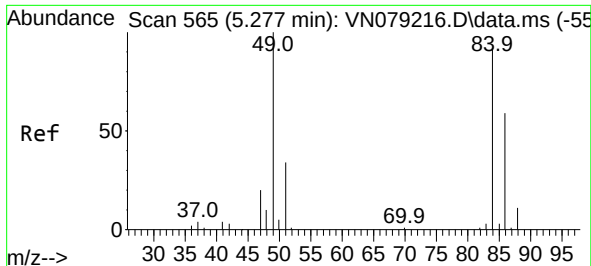
Tgt Ion:168 Resp: 123759
Ion Ratio Lower Upper
168 100
99 56.8 53.0 79.6



#16
Acetone
Concen: 33.972 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

Tgt Ion: 43 Resp: 24104
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

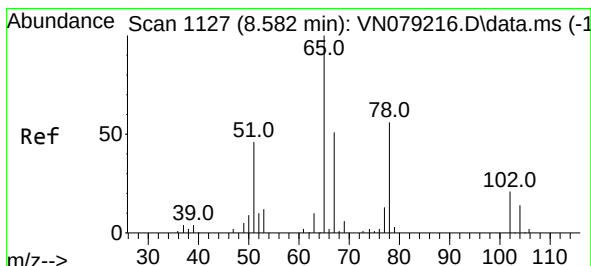
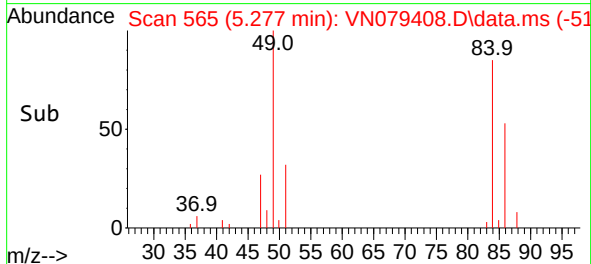
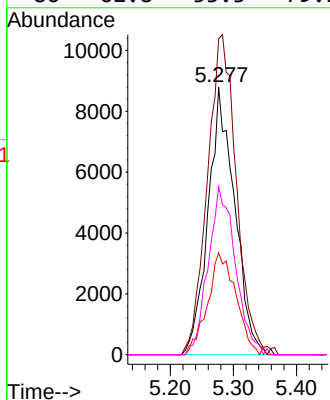
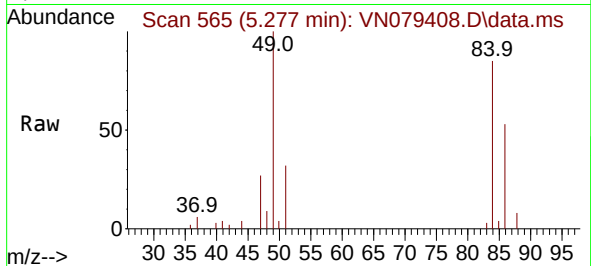




#20
Methylene Chloride
Concen: 14.898 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

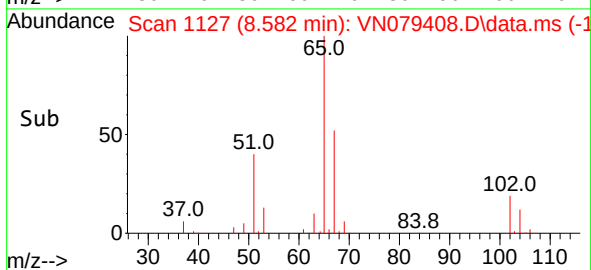
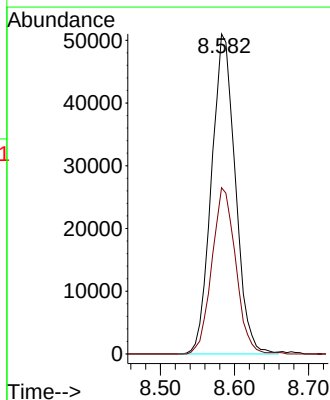
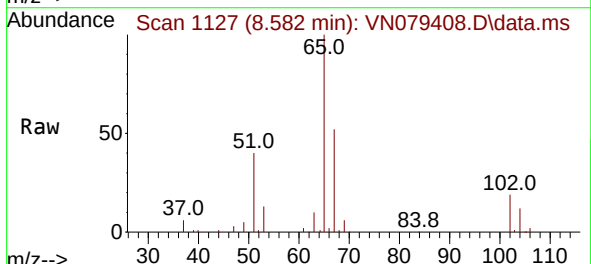
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#06

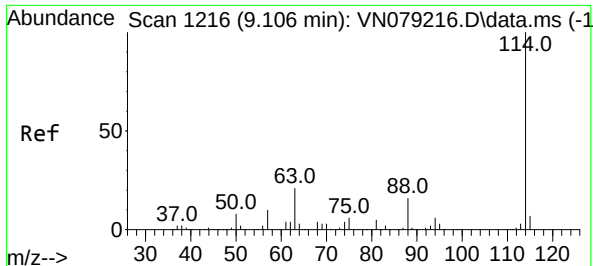
Tgt Ion:	84	Resp:	25724
Ion	Ratio	Lower	Upper
84	100		
49	118.1	79.7	119.5
51	38.1	25.2	37.8#
86	62.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 68.235 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

Tgt Ion:	65	Resp:	113996
Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN079408.D

Acq: 04 Oct 2023 17:11

Instrument :

MSVOA_N

ClientSampleId :

PB156087ZHE#06

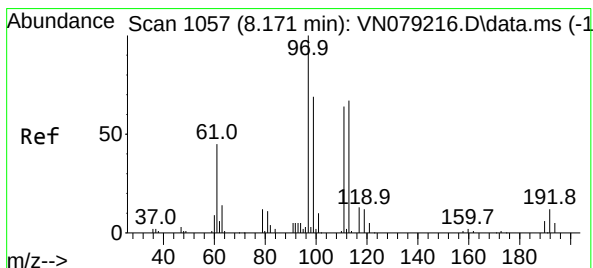
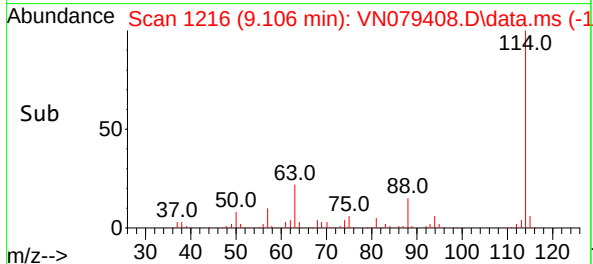
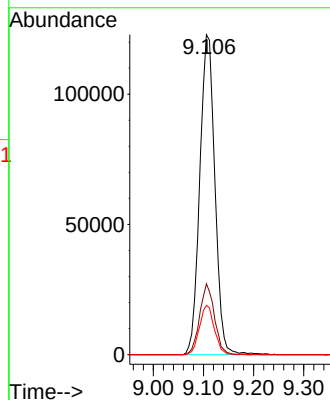
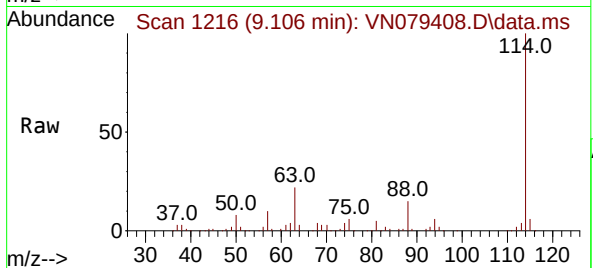
Tgt Ion:114 Resp: 257256

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.702 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079408.D

Acq: 04 Oct 2023 17:11

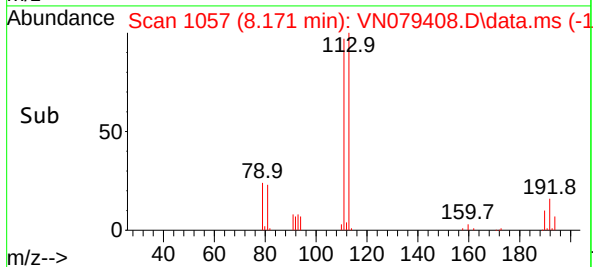
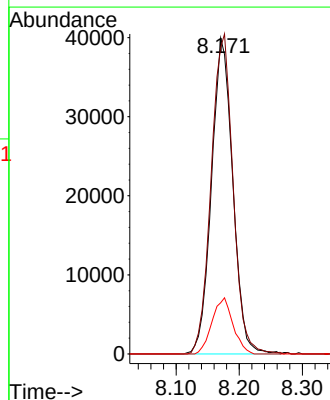
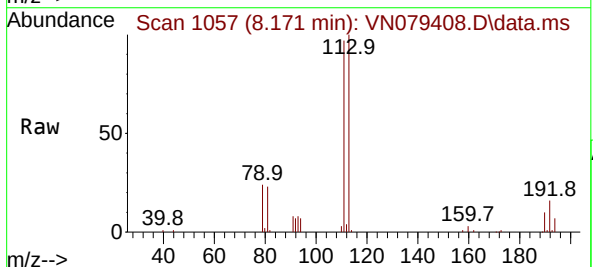
Tgt Ion:113 Resp: 93607

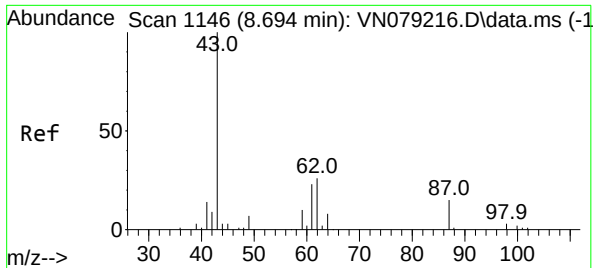
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

192 17.5 12.7 19.1

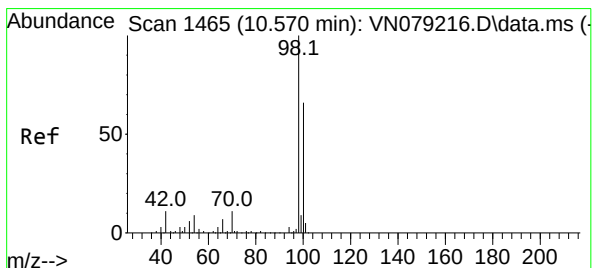
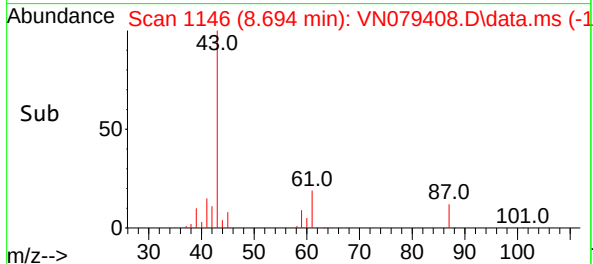
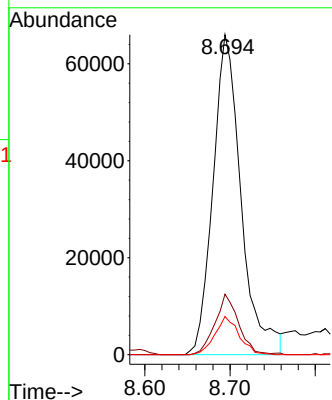
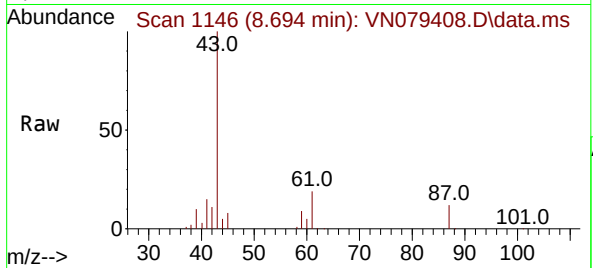




#43
Isopropyl Acetate
Concen: 35.232 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

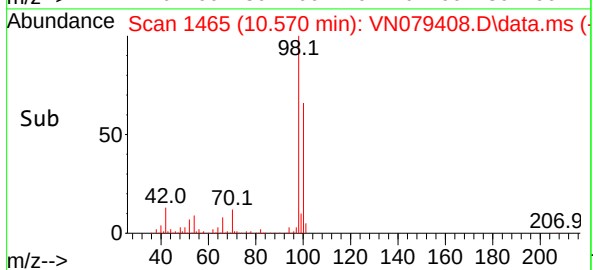
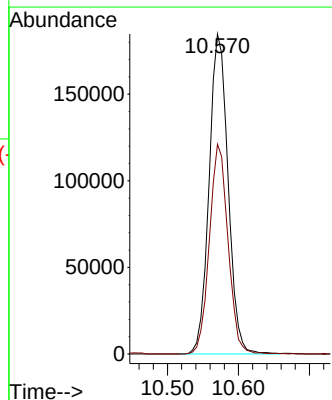
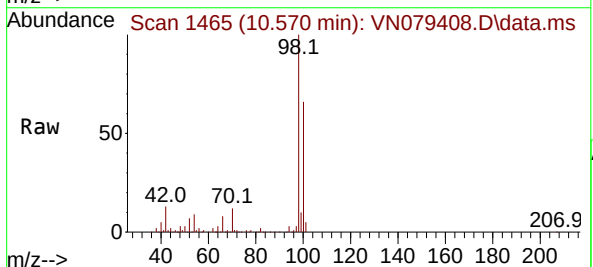
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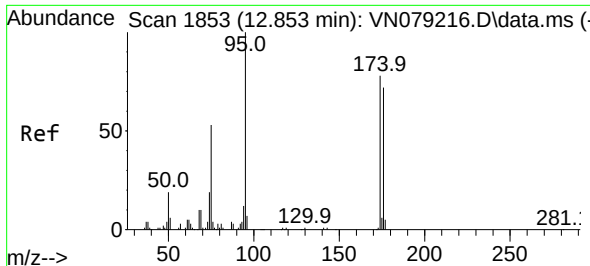
Tgt Ion: 43 Resp: 151239
Ion Ratio Lower Upper
43 100
61 16.0 24.7 37.1#
87 10.3 14.6 21.8#



#50
Toluene-d8
Concen: 54.451 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

Tgt Ion: 98 Resp: 342133
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

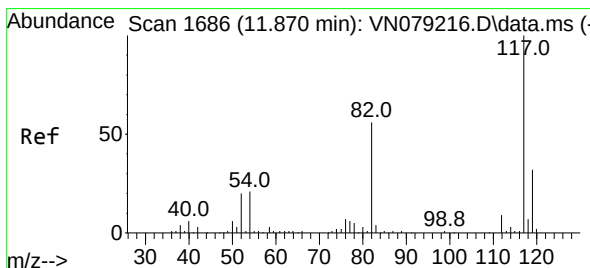
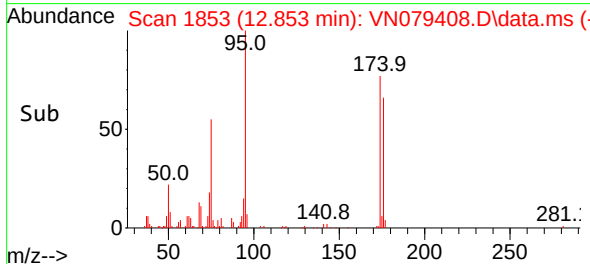
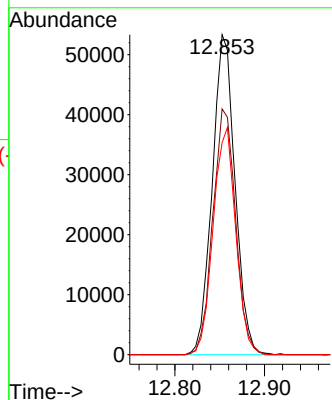
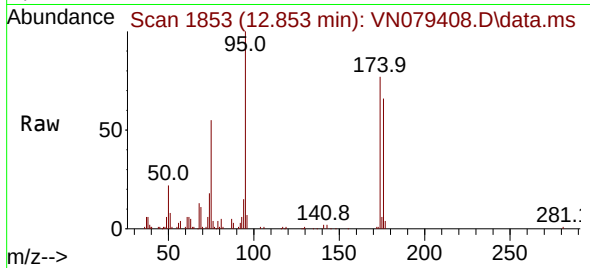




#62
4-Bromofluorobenzene
Concen: 46.857 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

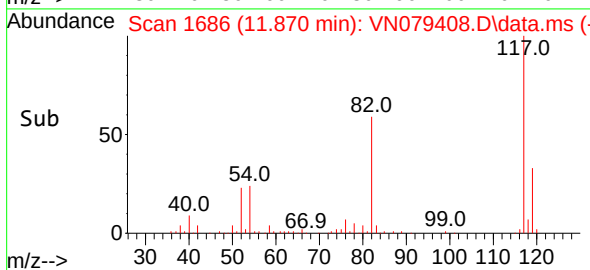
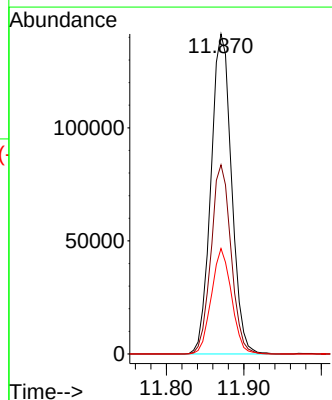
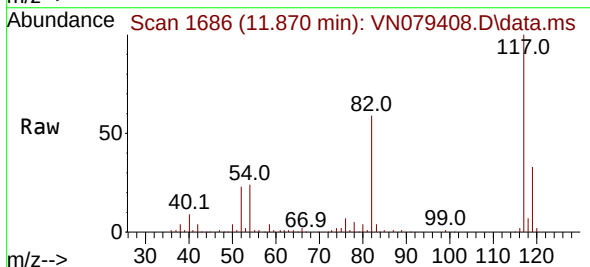
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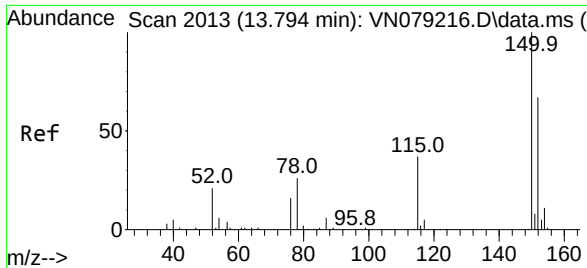
Tgt Ion: 95 Resp: 93914
Ion Ratio Lower Upper
95 100
174 77.1 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079408.D
Acq: 04 Oct 2023 17:11

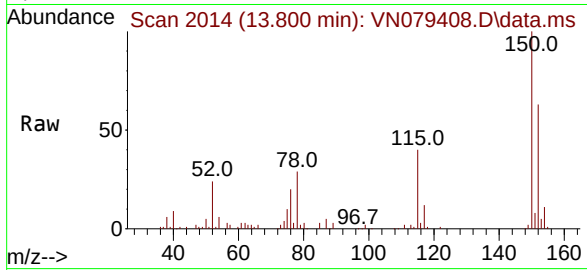
Tgt Ion: 117 Resp: 261318
Ion Ratio Lower Upper
117 100
82 59.1 44.0 66.0
119 32.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN079408.D
 Acq: 04 Oct 2023 17:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#06



Tgt Ion:152 Resp: 65968
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.3 96.8
 150 160.1 0.0 355.8

