

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079406.D
 Acq On : 04 Oct 2023 16:23
 Operator : JC\MD
 Sample : PB156087ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#04

Quant Time: Oct 05 02:23:04 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)

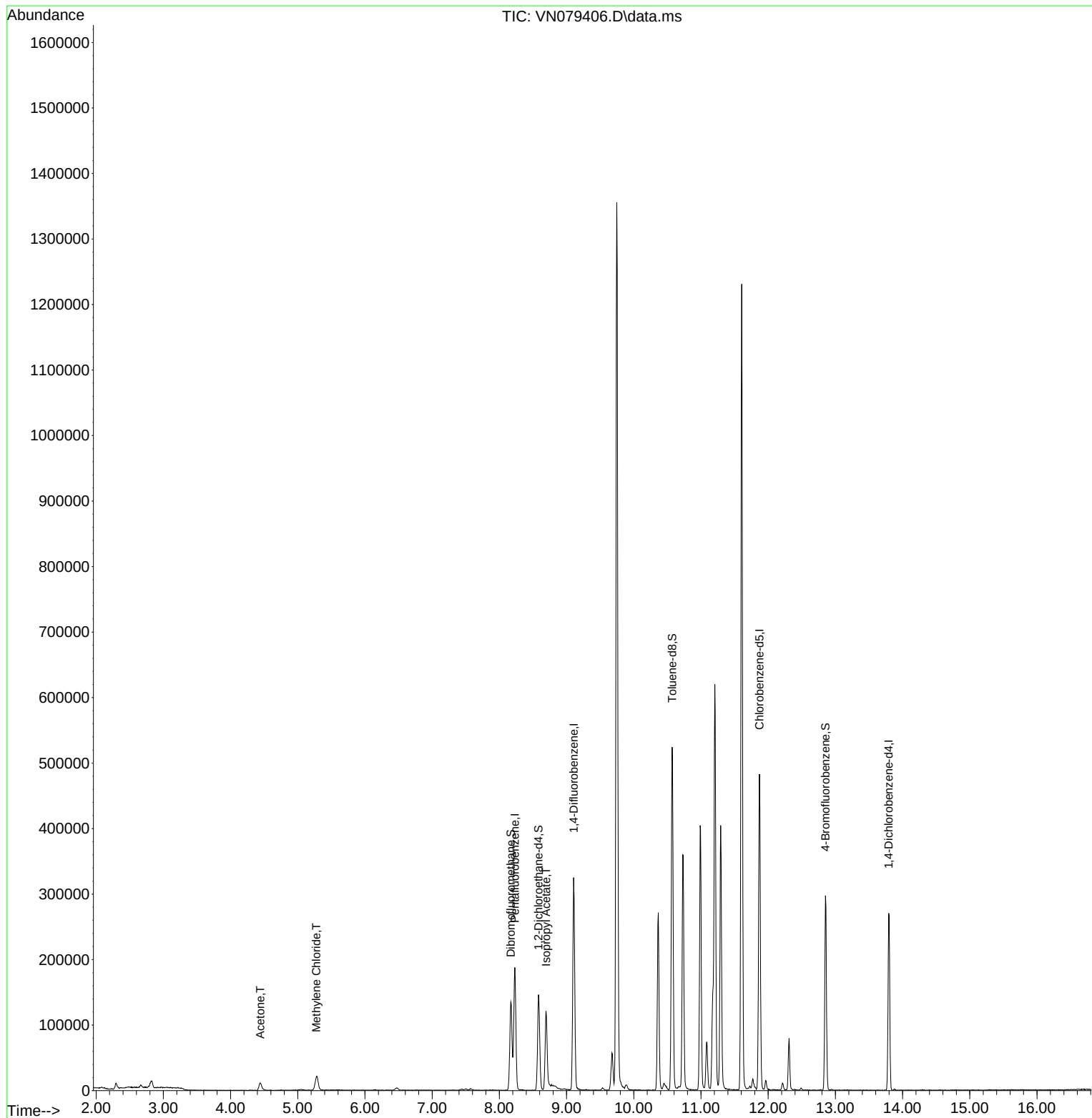
Internal Standards						
1) Pentafluorobenzene	8.230	168	127471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	273857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114685	66.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 133.300%#	
35) Dibromofluoromethane	8.171	113	95315	54.626	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 109.260%	
50) Toluene-d8	10.571	98	355038	55.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.820%	
62) 4-Bromofluorobenzene	12.853	95	97133	47.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.060%	
Target Compounds						
						Qvalue
16) Acetone	4.442	43	22112	30.257	ug/l	97
20) Methylene Chloride	5.277	84	16056	9.028	ug/l #	74
43) Isopropyl Acetate	8.694	43	136210	31.119	ug/l #	79

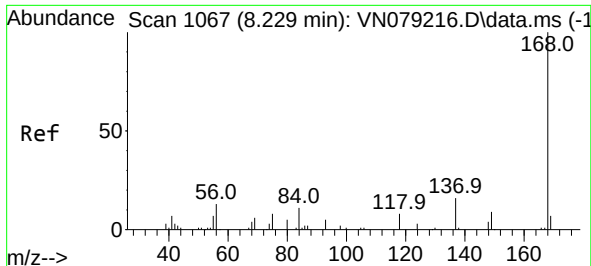
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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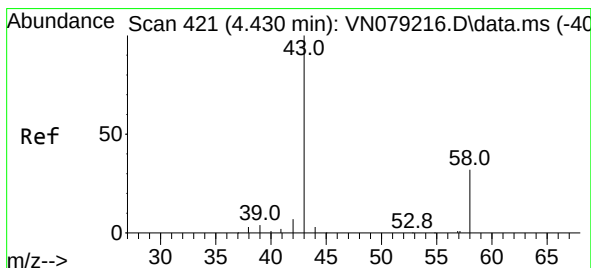
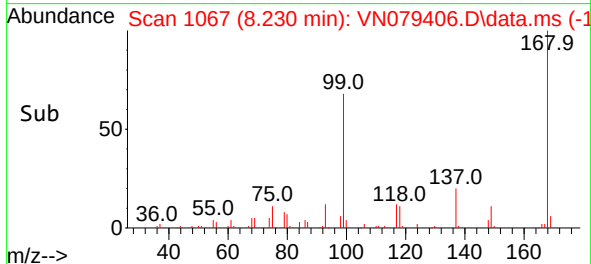
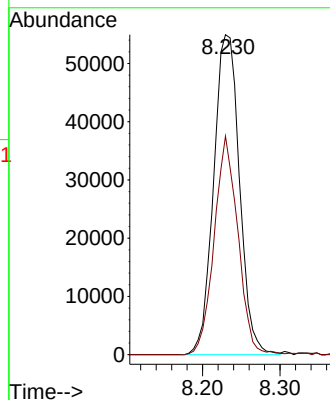
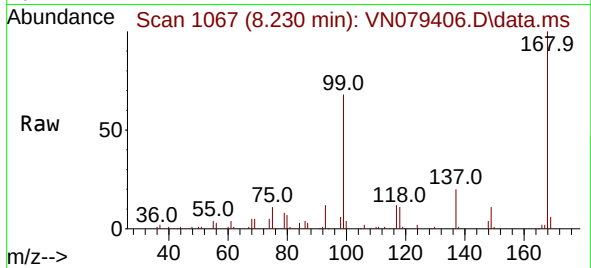




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

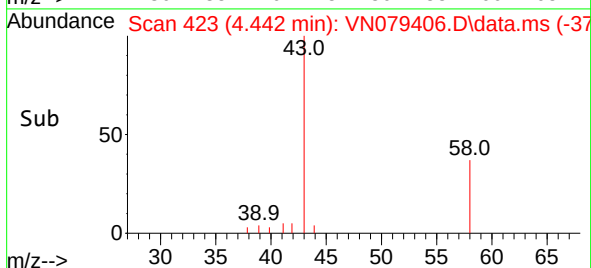
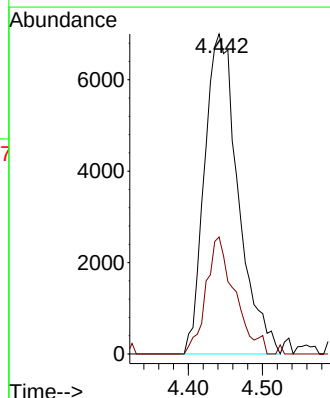
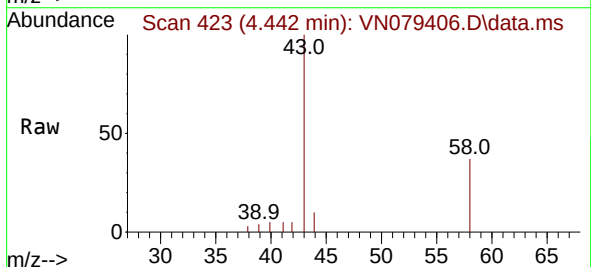
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#04

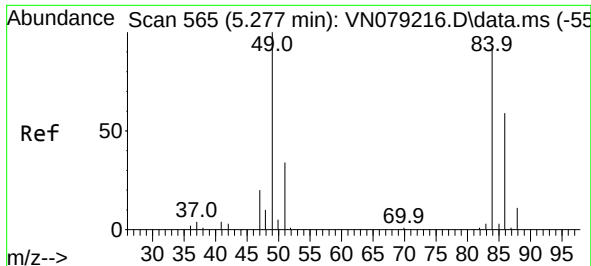
Tgt Ion:168 Resp: 127471
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6



#16
Acetone
Concen: 30.257 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

Tgt Ion: 43 Resp: 22112
Ion Ratio Lower Upper
43 100
58 36.5 28.0 42.0

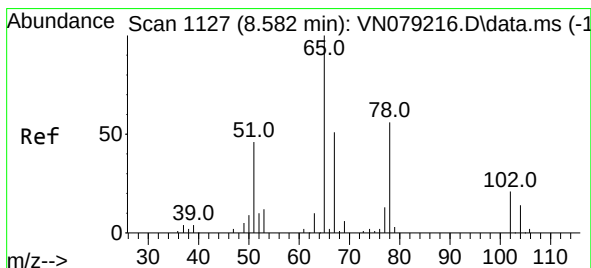
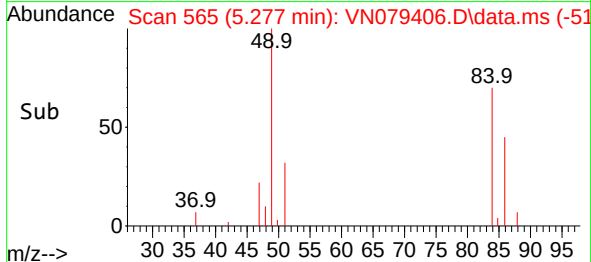
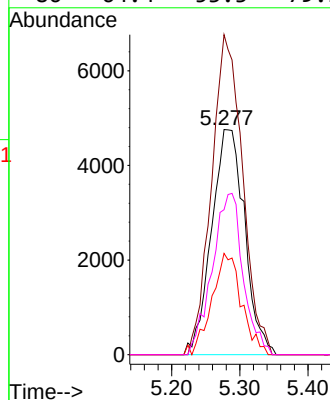
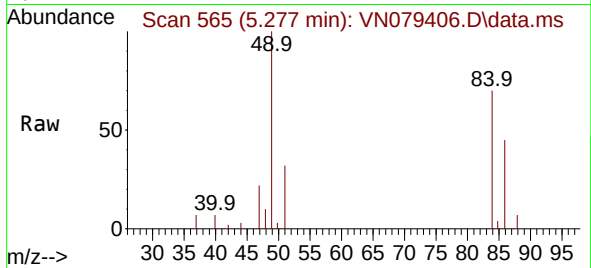




#20
Methylene Chloride
Concen: 9.028 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

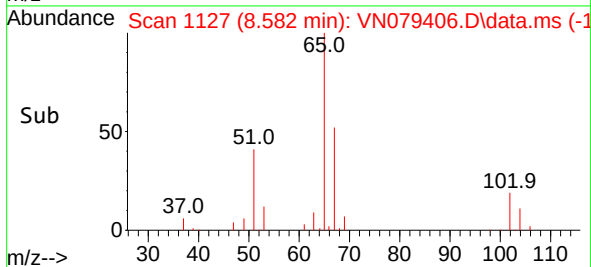
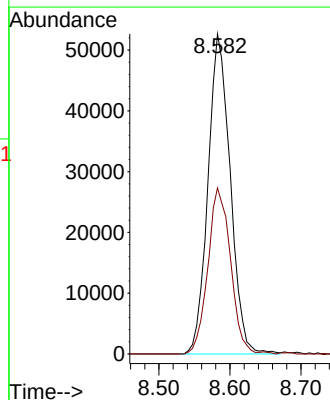
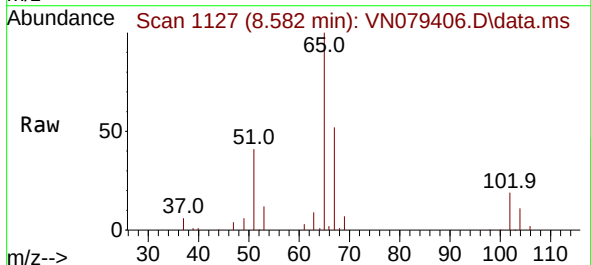
Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#04

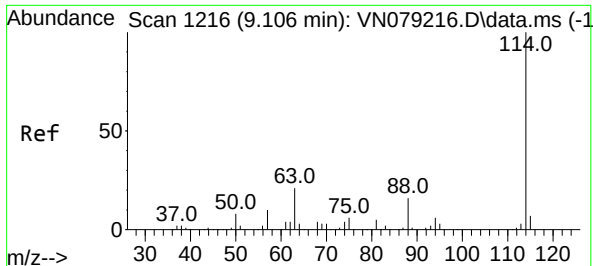
Tgt Ion:	84	Resp:	16056
Ion	Ratio	Lower	Upper
84	100		
49	142.1	79.7	119.5#
51	45.0	25.2	37.8#
86	64.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 66.649 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

Tgt Ion:	65	Resp:	114685
Ion	Ratio	Lower	Upper
65	100		
67	52.6	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: VN079406.D

Acq: 04 Oct 2023 16:23

Instrument :

MSVOA_N

ClientSampleId :

PB156087ZHE#04

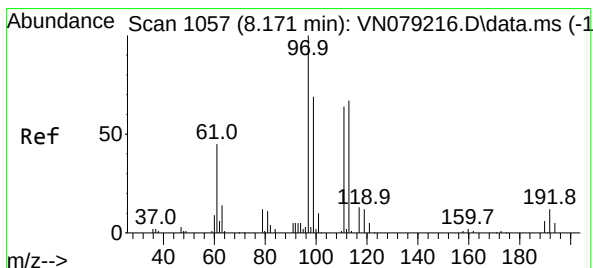
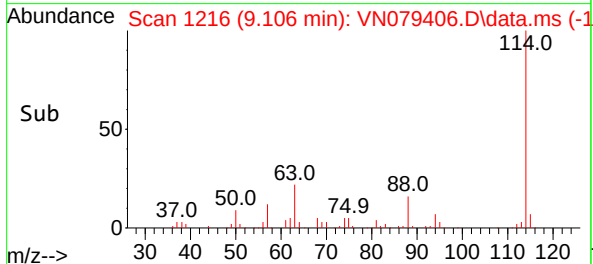
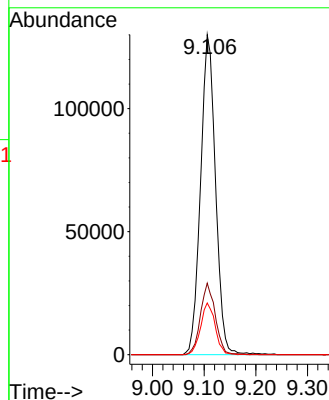
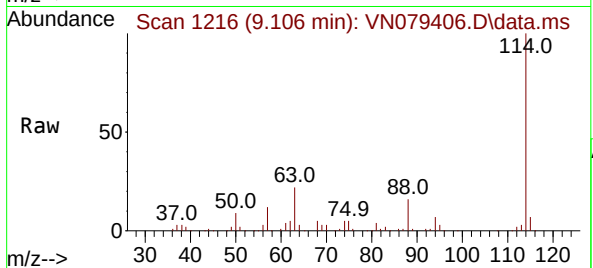
Tgt Ion:114 Resp: 262315

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.626 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079406.D

Acq: 04 Oct 2023 16:23

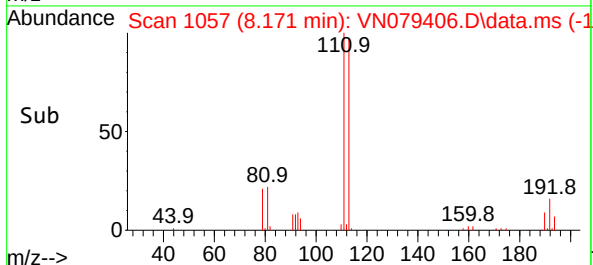
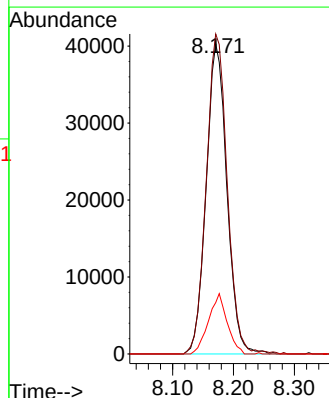
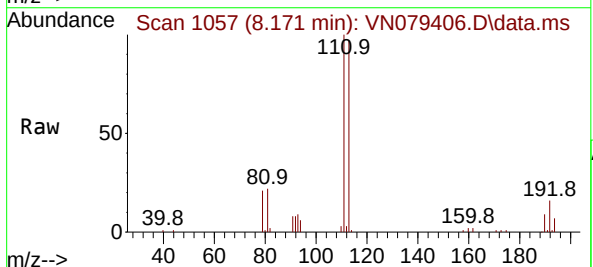
Tgt Ion:113 Resp: 95315

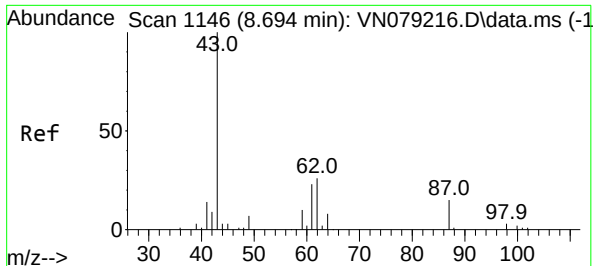
Ion Ratio Lower Upper

113 100

111 104.4 82.6 123.8

192 17.6 12.7 19.1

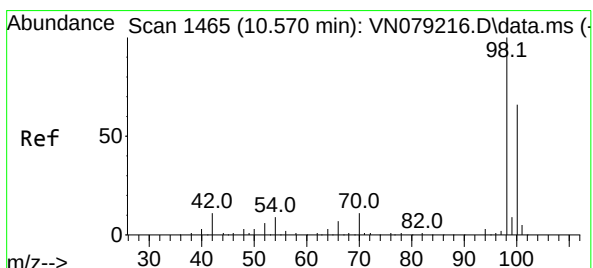
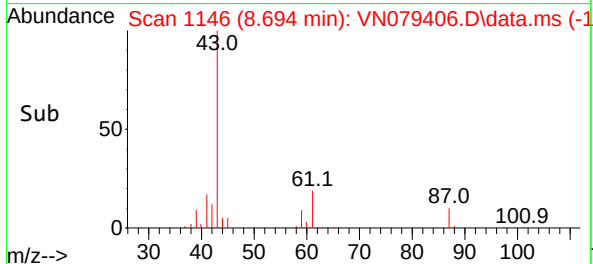
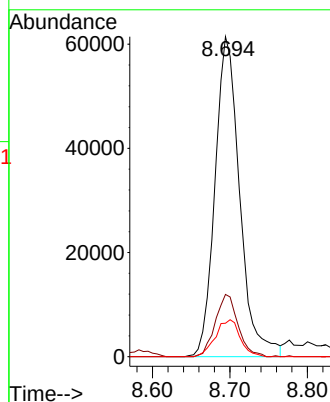
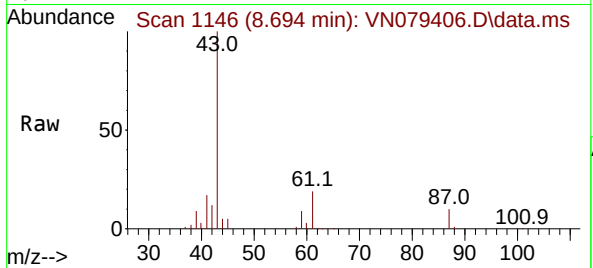




#43
Isopropyl Acetate
Concen: 31.119 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

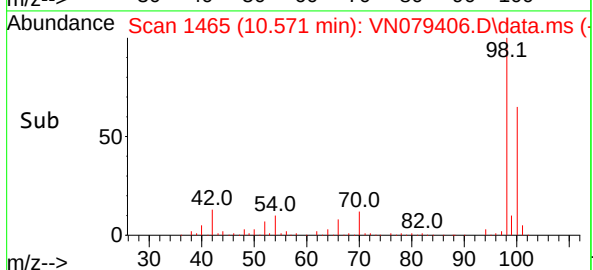
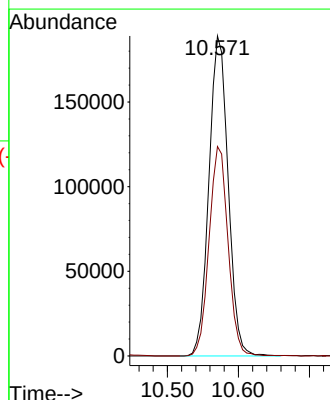
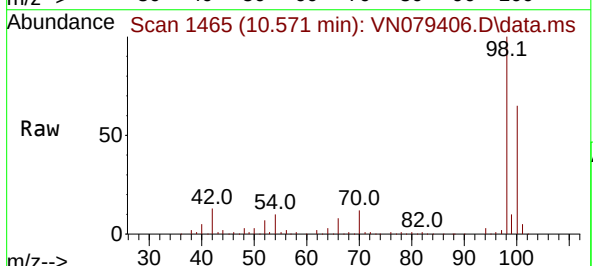
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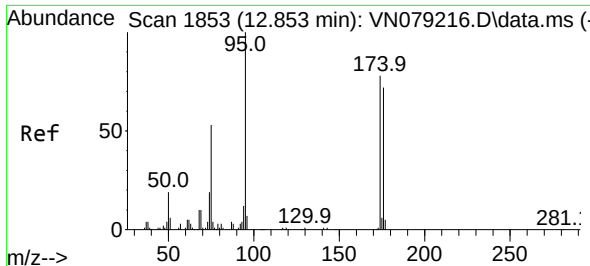
Tgt Ion: 43 Resp: 136210
Ion Ratio Lower Upper
43 100
61 17.8 24.7 37.1#
87 11.5 14.6 21.8#



#50
Toluene-d8
Concen: 55.415 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

Tgt Ion: 98 Resp: 355038
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

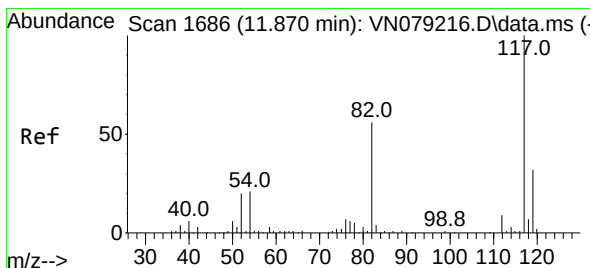
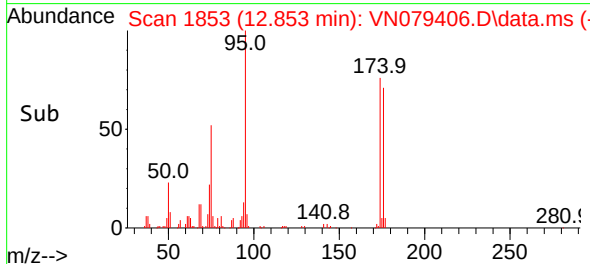
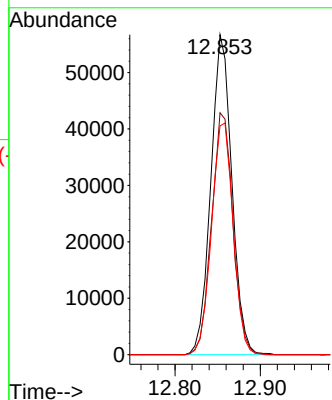
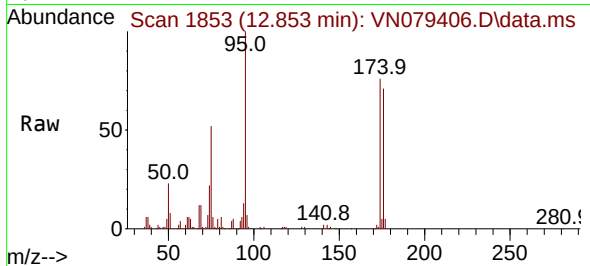




#62
4-Bromofluorobenzene
Concen: 47.529 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

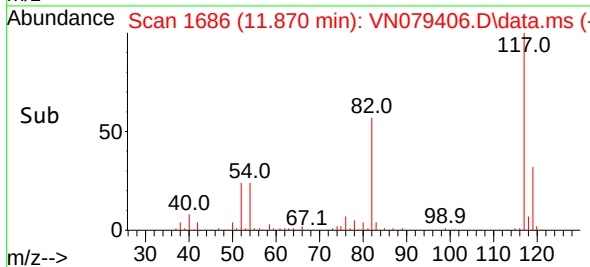
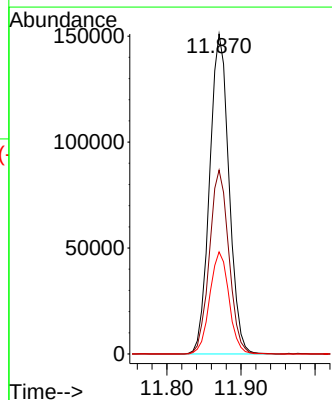
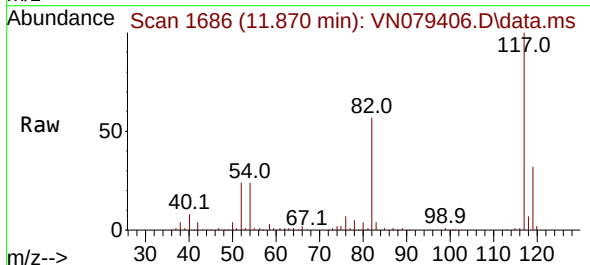
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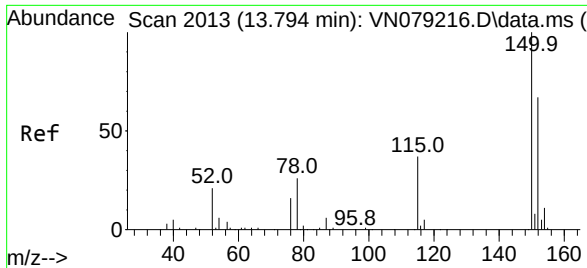
Tgt Ion: 95 Resp: 97133
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 74.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079406.D
Acq: 04 Oct 2023 16:23

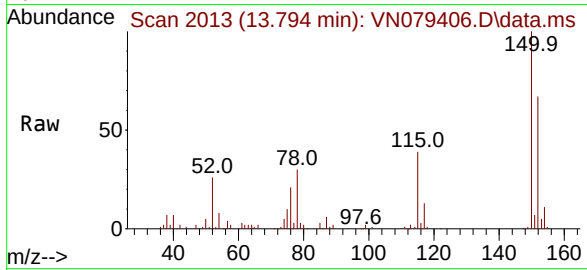
Tgt Ion: 117 Resp: 273857
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN079406.D
 Acq: 04 Oct 2023 16:23

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#04



Tgt Ion:152 Resp: 71204
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.3 96.8
 150 156.4 0.0 355.8

