

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100423\
 Data File : VN079405.D
 Acq On : 04 Oct 2023 15:59
 Operator : JC\MD
 Sample : PB156087ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156087ZHE#03

Quant Time: Oct 05 02:22:40 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)

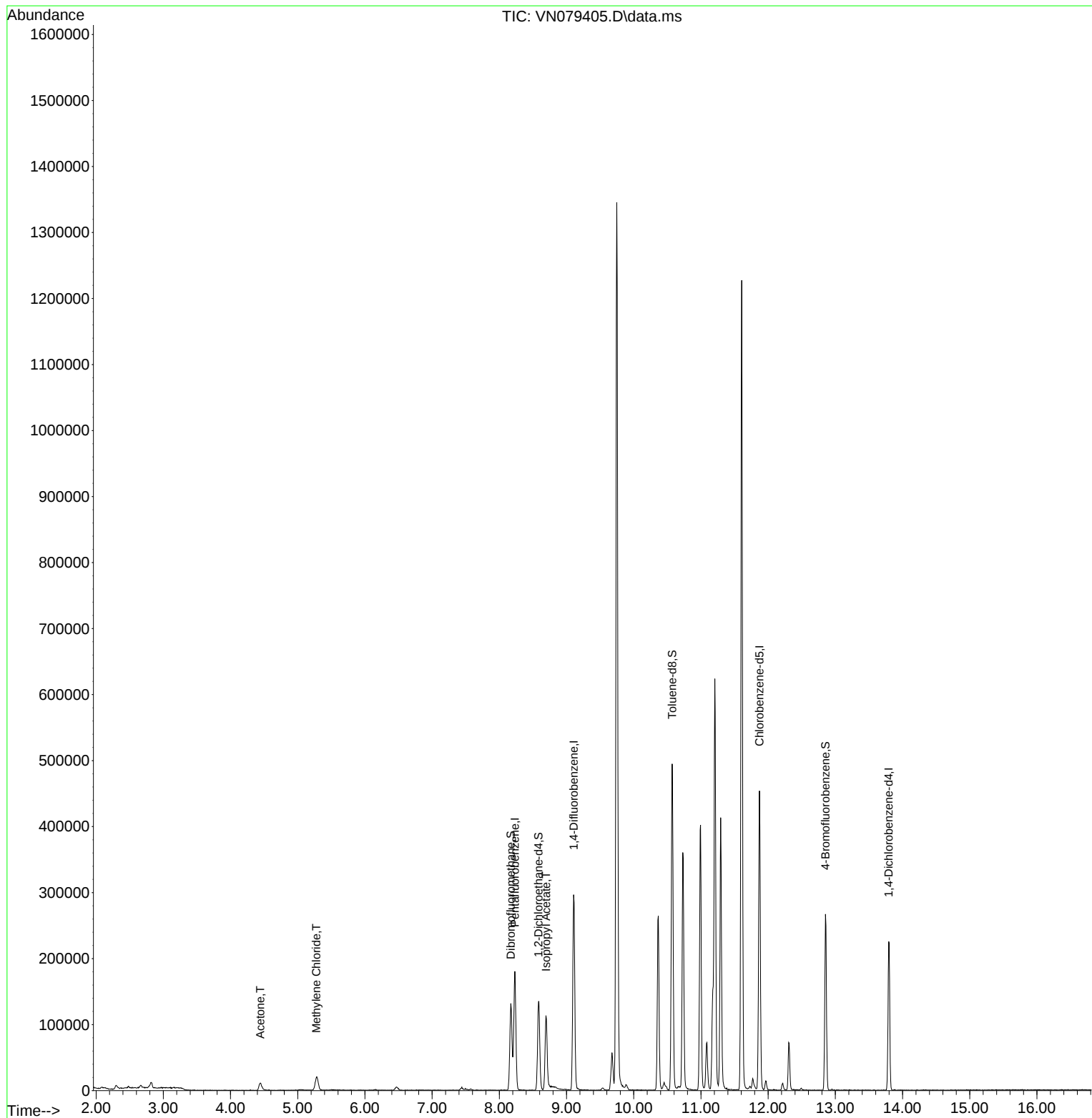
Internal Standards						
1) Pentafluorobenzene	8.230	168	122350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	248805	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	60528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109847	66.509	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 133.020%#	
35) Dibromofluoromethane	8.171	113	92836	56.402	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 112.800%	
50) Toluene-d8	10.571	98	338244	55.966	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.940%	
62) 4-Bromofluorobenzene	12.853	95	88370	45.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 91.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	22716	32.384	ug/l	91
20) Methylene Chloride	5.277	84	15878	9.302	ug/l #	81
43) Isopropyl Acetate	8.694	43	135447	32.804	ug/l #	78

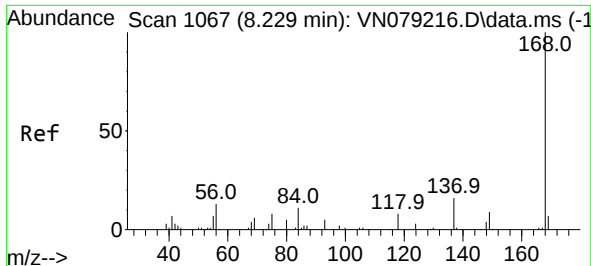
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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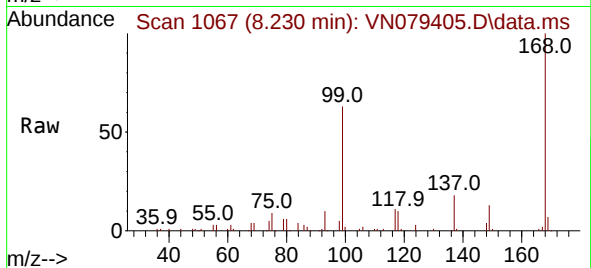
Quant Time: Oct 05 02:22:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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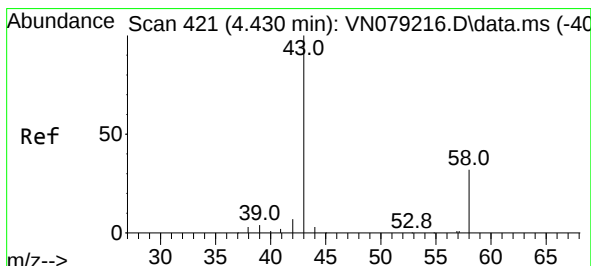
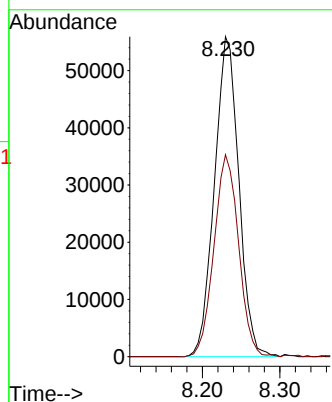
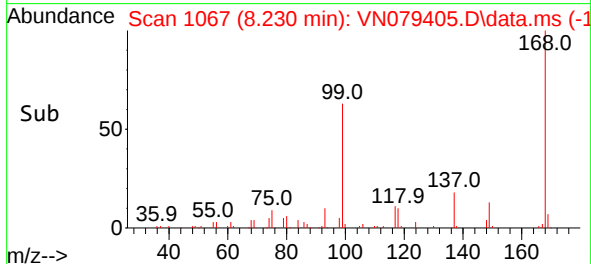


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#03

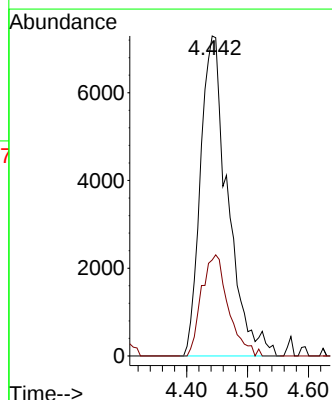
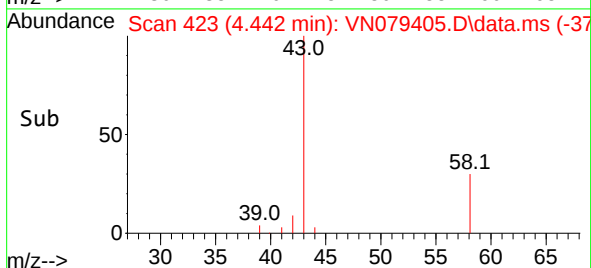
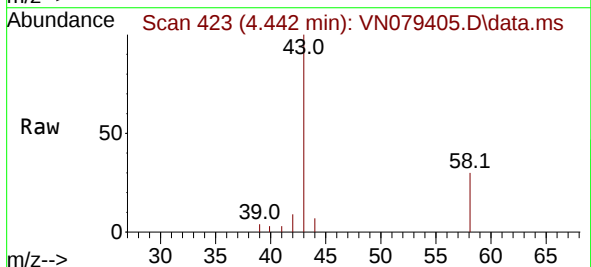


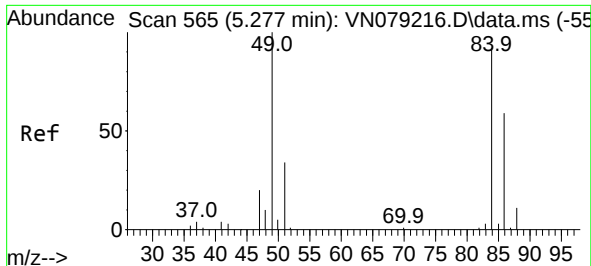
Tgt Ion:168 Resp: 122350
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 32.384 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

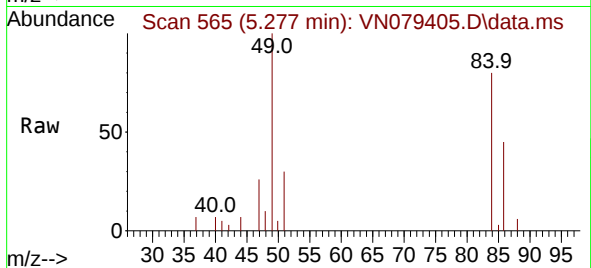
Tgt Ion: 43 Resp: 22716
Ion Ratio Lower Upper
43 100
58 30.0 28.0 42.0



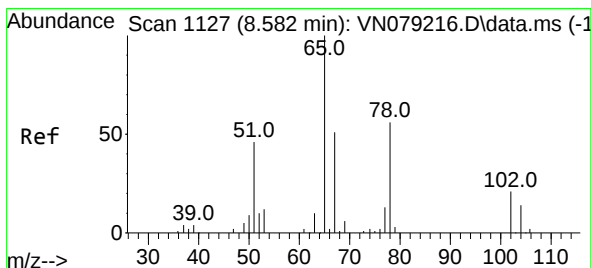
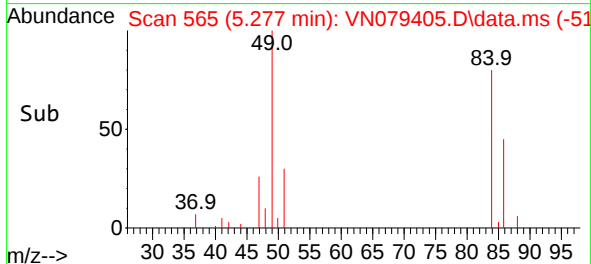
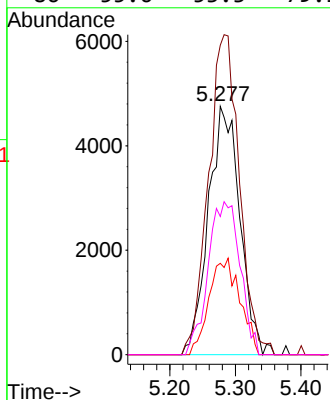


#20
Methylene Chloride
Concen: 9.302 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Instrument :
MSVOA_N
ClientSampleId :
PB156087ZHE#03

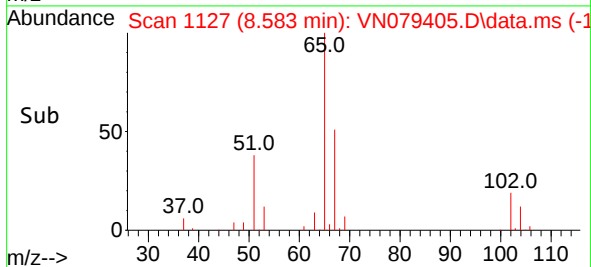
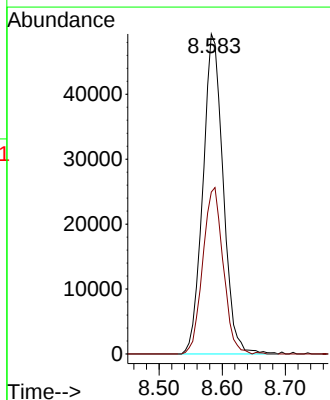
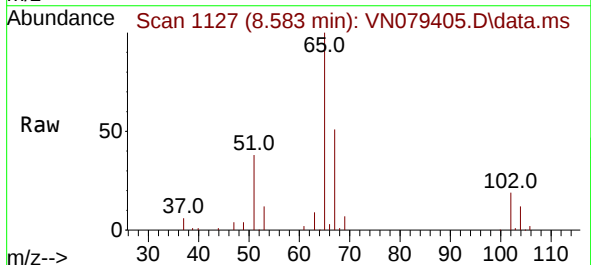


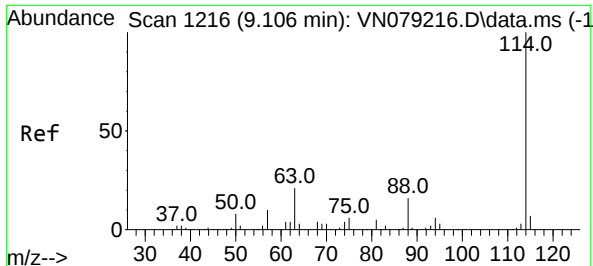
Tgt Ion:	84	Resp:	15878
Ion	Ratio	Lower	Upper
84	100		
49	124.6	79.7	119.5#
51	36.8	25.2	37.8
86	55.6	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 66.509 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion:	65	Resp:	109847
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# 1

Delta R.T. -0.006 min

Lab File: VN079405.D

Acq: 04 Oct 2023 15:59

Instrument :

MSVOA_N

ClientSampleId :

PB156087ZHE#03

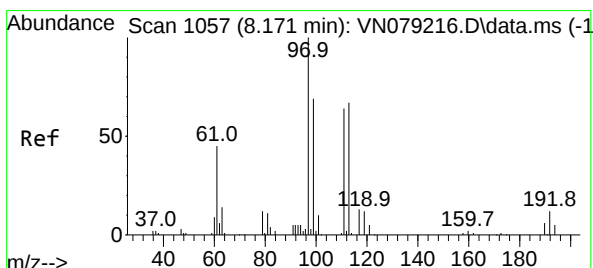
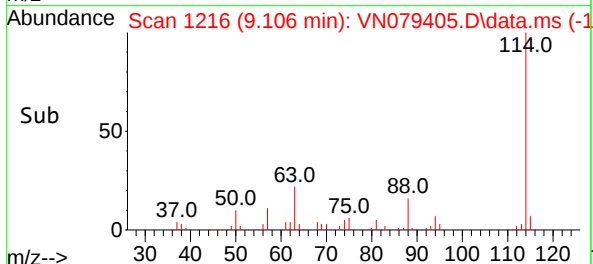
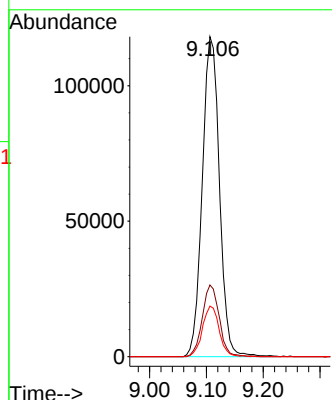
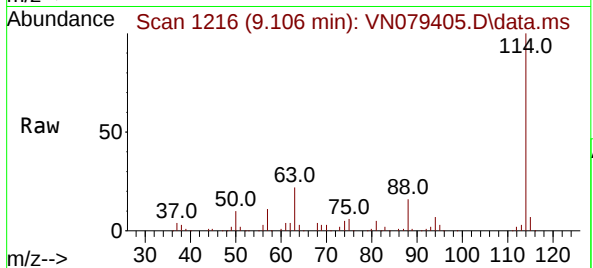
Tgt Ion:114 Resp: 247447

Ion Ratio Lower Upper

114 100

63 22.4 0.0 36.4

88 15.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.402 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079405.D

Acq: 04 Oct 2023 15:59

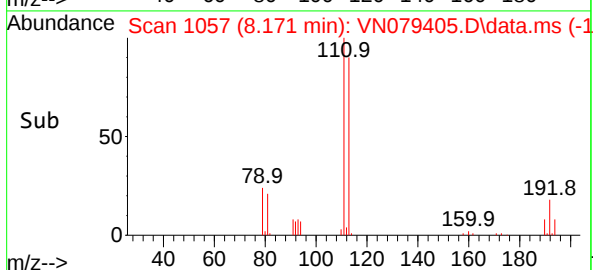
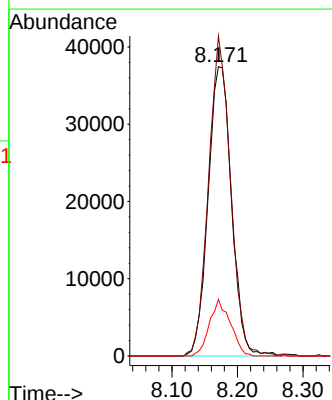
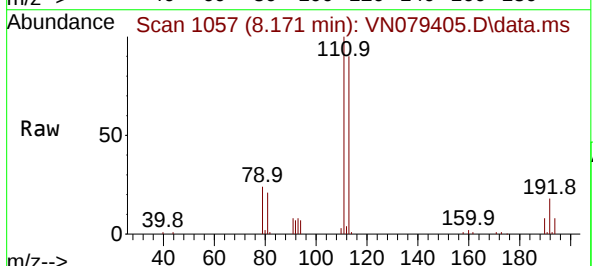
Tgt Ion:113 Resp: 92836

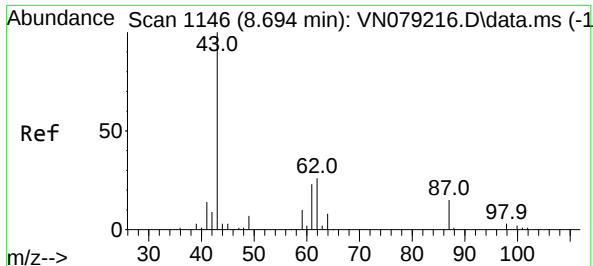
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 17.5 12.7 19.1

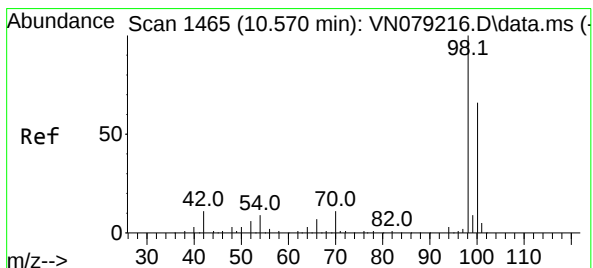
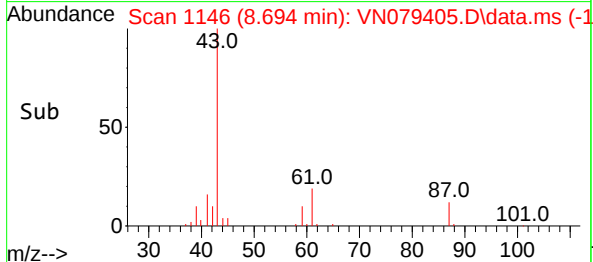
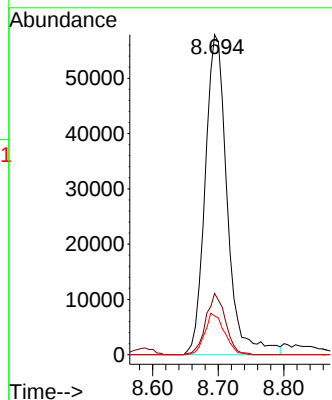
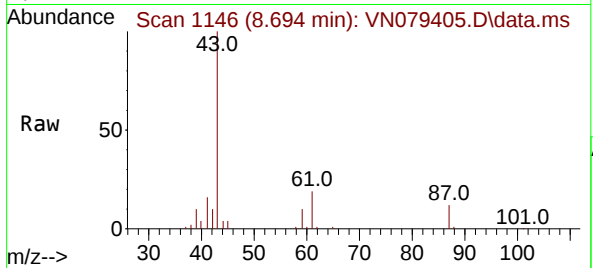




#43
Isopropyl Acetate
Concen: 32.804 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

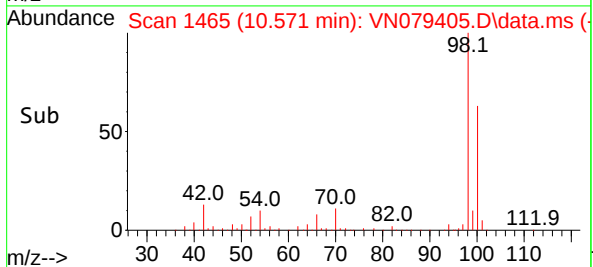
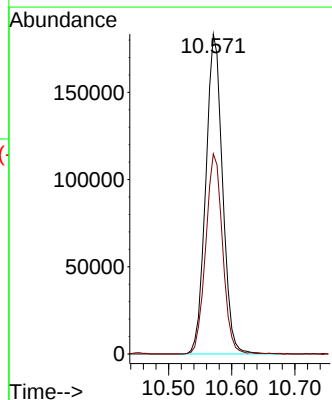
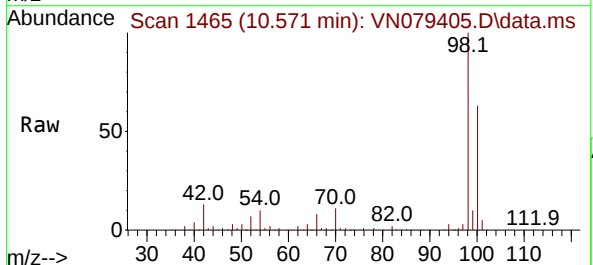
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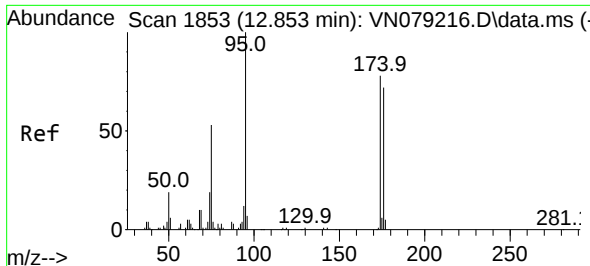
Tgt Ion: 43 Resp: 135447
Ion Ratio Lower Upper
43 100
61 17.0 24.7 37.1#
87 11.5 14.6 21.8#



#50
Toluene-d8
Concen: 55.966 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

Tgt Ion: 98 Resp: 338244
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

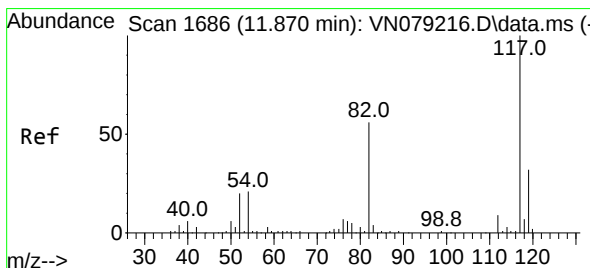
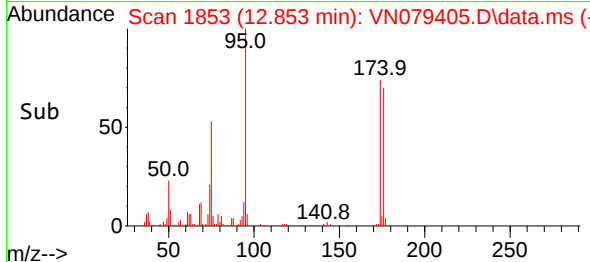
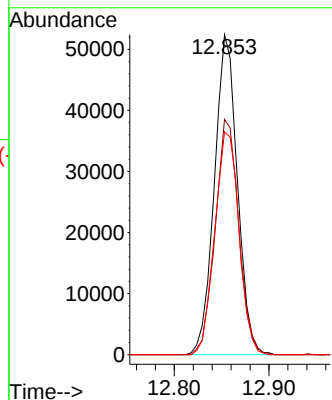
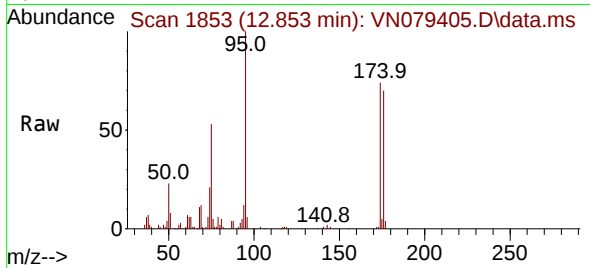




#62
4-Bromofluorobenzene
Concen: 45.839 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

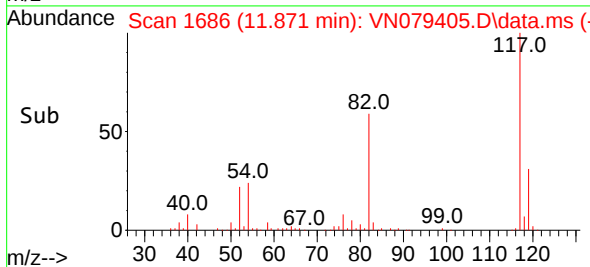
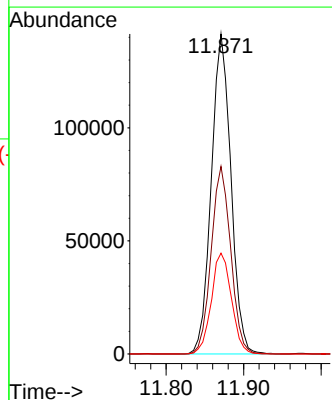
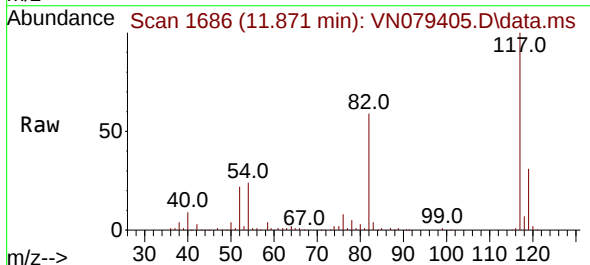
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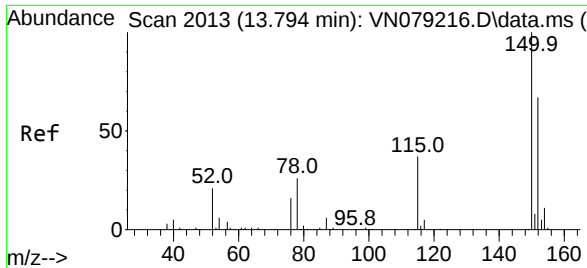
Tgt Ion: 95 Resp: 88370
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN079405.D
Acq: 04 Oct 2023 15:59

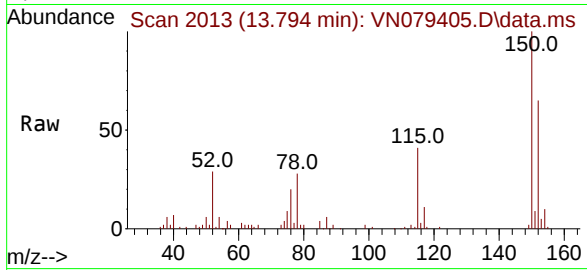
Tgt Ion: 117 Resp: 248805
Ion Ratio Lower Upper
117 100
82 58.6 44.0 66.0
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079405.D
 Acq: 04 Oct 2023 15:59

Instrument :
 MSVOA_N
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 PB156087ZHE#03



Tgt Ion:152 Resp: 60528
 Ion Ratio Lower Upper
 152 100
 115 60.9 32.3 96.8
 150 156.2 0.0 355.8

