

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100623\
 Data File : VN079449.D
 Acq On : 06 Oct 2023 15:54
 Operator : JC\MD
 Sample : PB156147ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156147ZHE#04

Quant Time: Oct 06 23:05:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

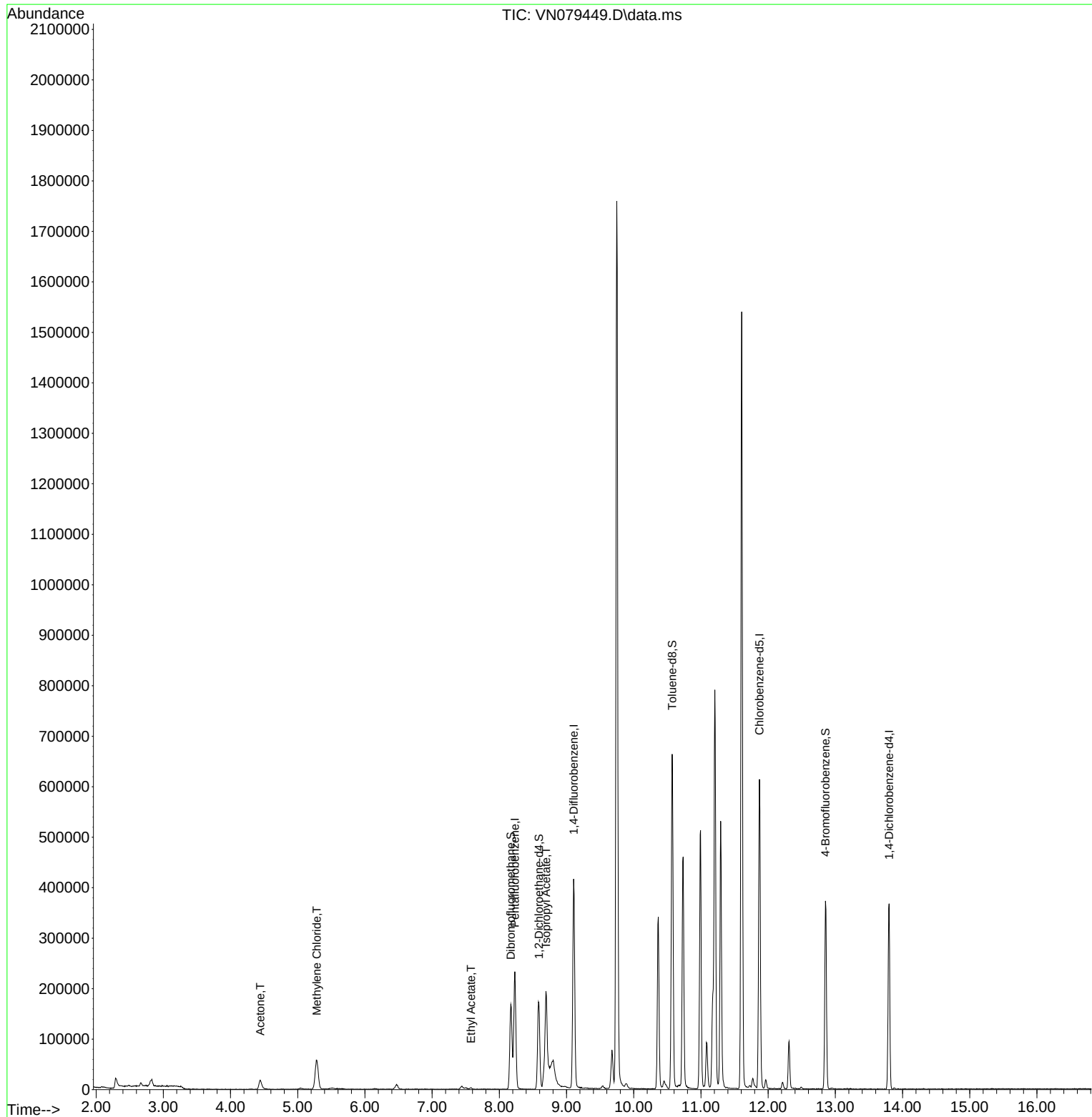
Internal Standards						
1) Pentafluorobenzene	8.230	168	156106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	337678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	345849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	94672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	145423	57.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.900%
35) Dibromofluoromethane	8.171	113	119189	49.116	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.571	98	446739	50.879	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.853	95	126295	44.820	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.640%
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	33592	33.460	ug/l #	88
20) Methylene Chloride	5.283	84	44777	20.006	ug/l #	84
37) Ethyl Acetate	7.577	43	4368	1.205	ug/l #	78
43) Isopropyl Acetate	8.694	43	241609	38.054	ug/l #	72

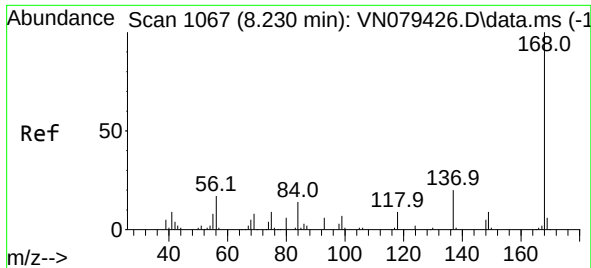
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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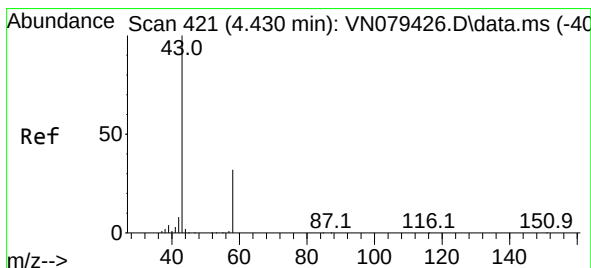
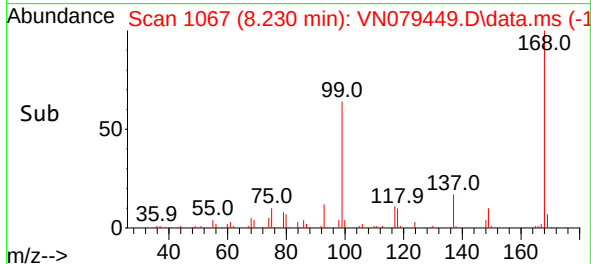
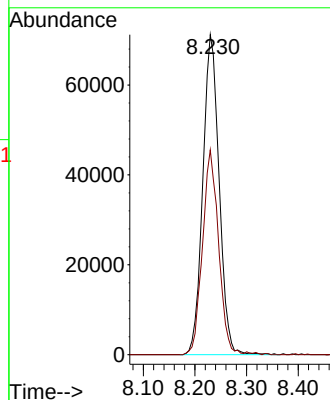
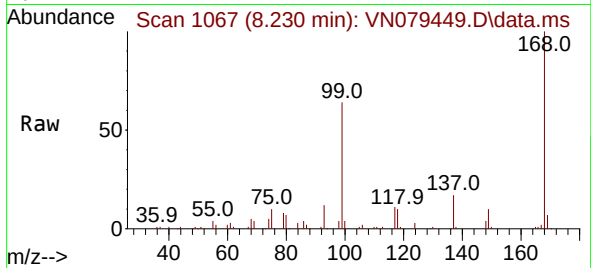




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

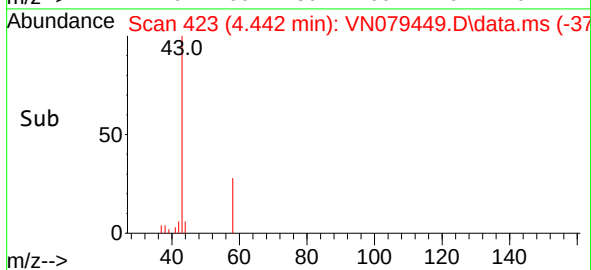
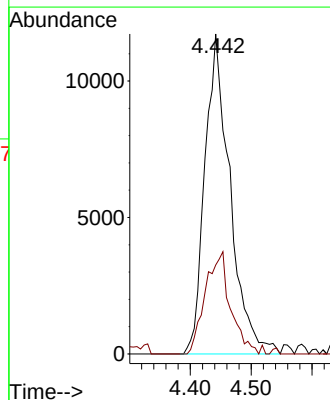
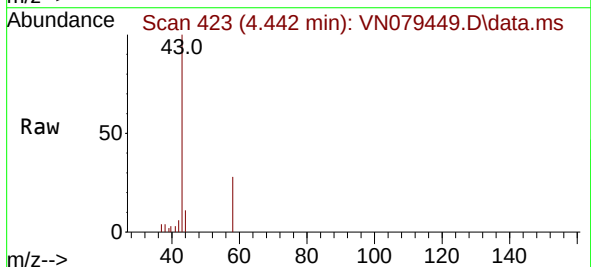
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#04

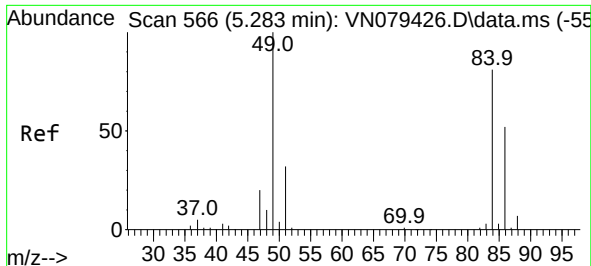
Tgt Ion:168 Resp: 156106
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 33.460 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.012 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

Tgt Ion: 43 Resp: 33592
Ion Ratio Lower Upper
43 100
58 27.8 28.0 42.0#

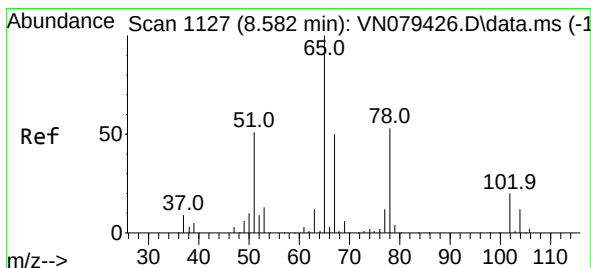
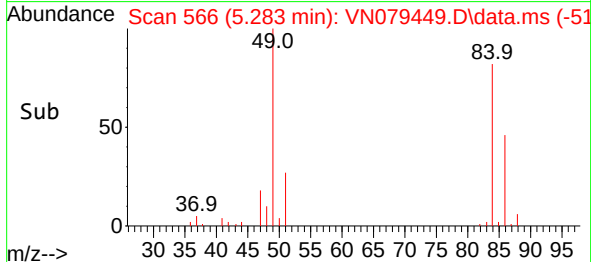
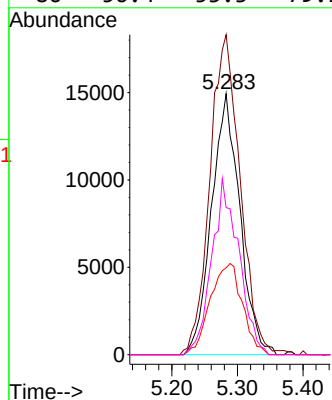
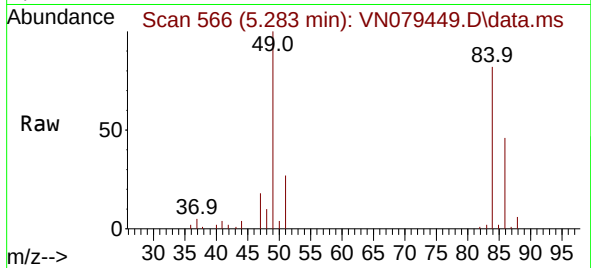




#20
Methylene Chloride
Concen: 20.006 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

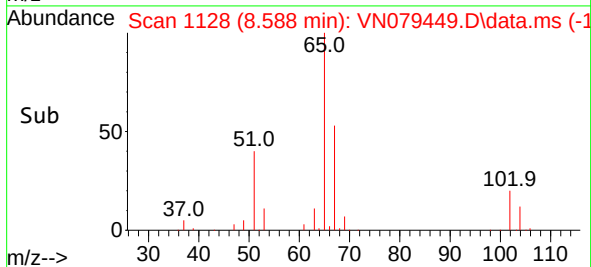
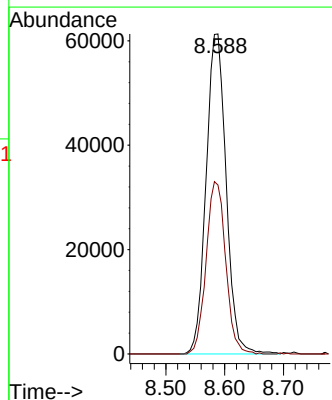
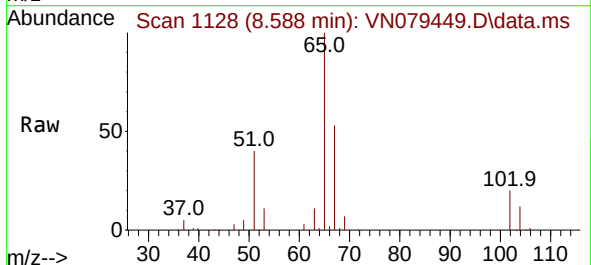
Instrument :
MSVOA_N
ClientSampleId :
PB156147ZHE#04

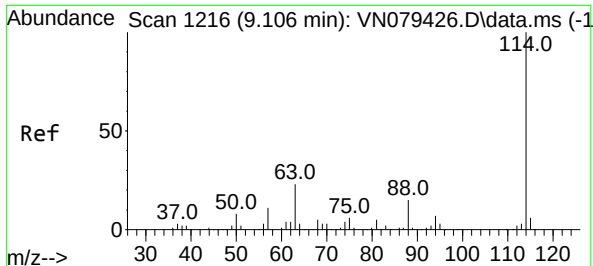
Tgt Ion: 84 Resp: 44777
Ion Ratio Lower Upper
84 100
49 122.7 79.7 119.5#
51 33.3 25.2 37.8
86 56.4 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 57.454 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

Tgt Ion: 65 Resp: 145423
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079449.D

Acq: 06 Oct 2023 15:54

Instrument :

MSVOA_N

ClientSampleId :

PB156147ZHE#04

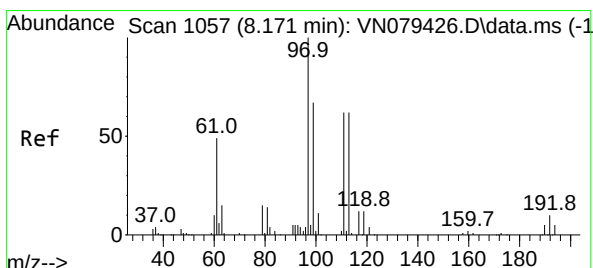
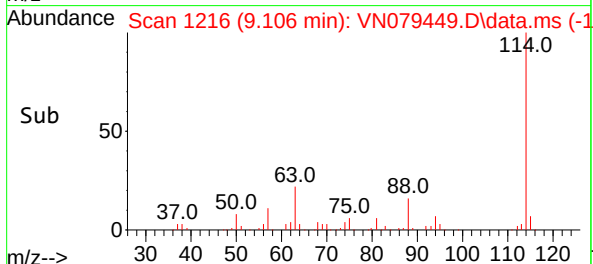
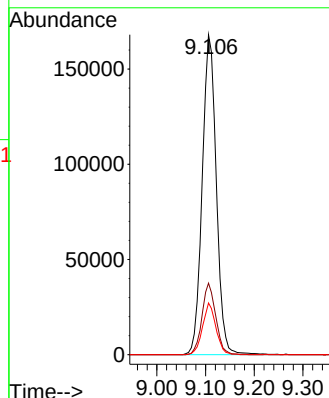
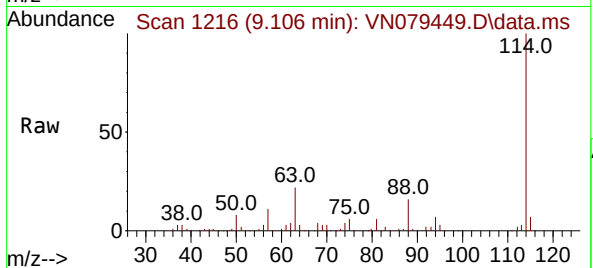
Tgt Ion:114 Resp: 337678

Ion Ratio Lower Upper

114 100

63 22.3 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.116 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079449.D

Acq: 06 Oct 2023 15:54

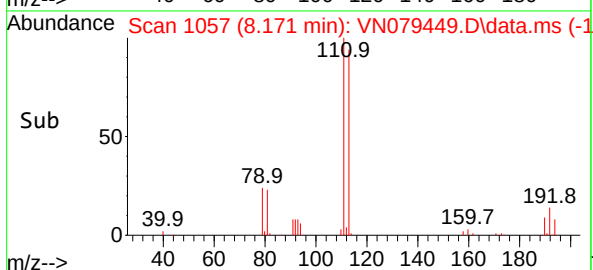
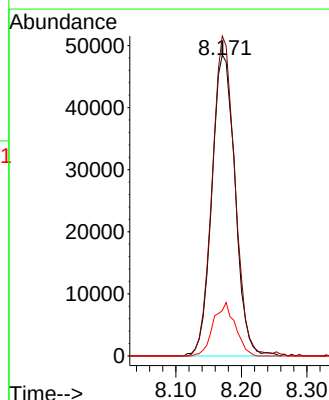
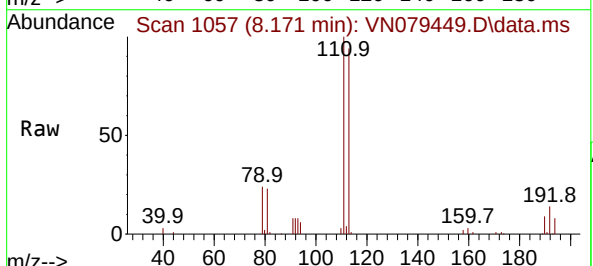
Tgt Ion:113 Resp: 119189

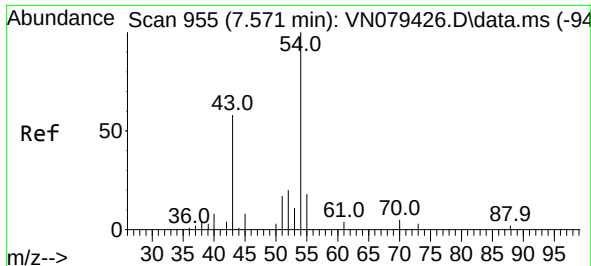
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 1.205 ug/l

RT: 7.577 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079449.D

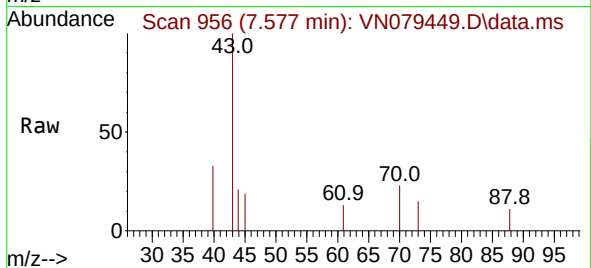
Acq: 06 Oct 2023 15:54

Instrument :

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ClientSampleId :

PB156147ZHE#04



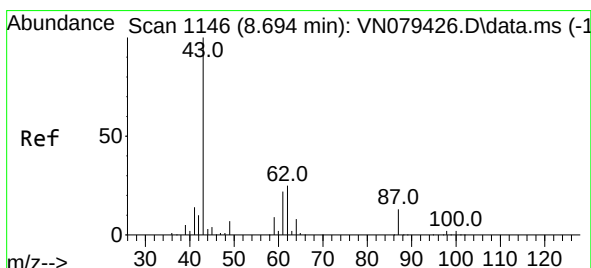
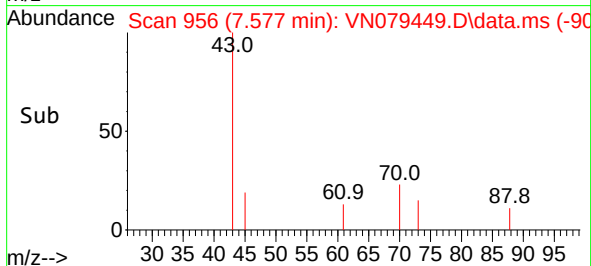
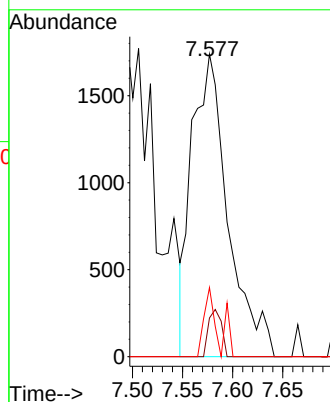
Tgt Ion: 43 Resp: 4368

Ion Ratio Lower Upper

43 100

61 5.6 13.2 19.8#

70 6.4 11.3 16.9#



#43

Isopropyl Acetate

Concen: 38.054 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079449.D

Acq: 06 Oct 2023 15:54

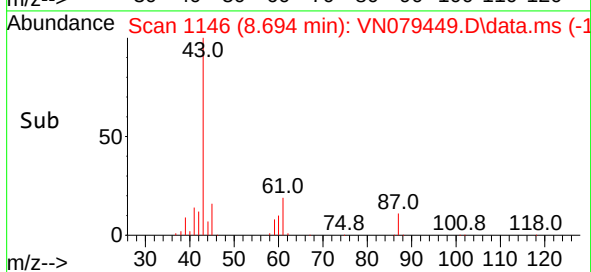
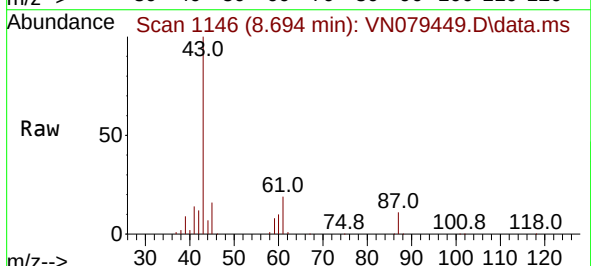
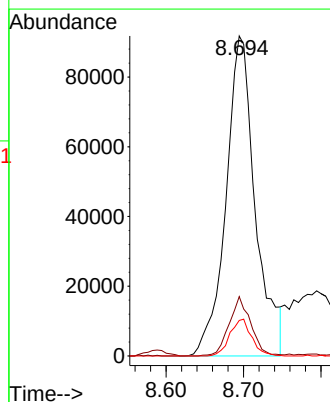
Tgt Ion: 43 Resp: 241609

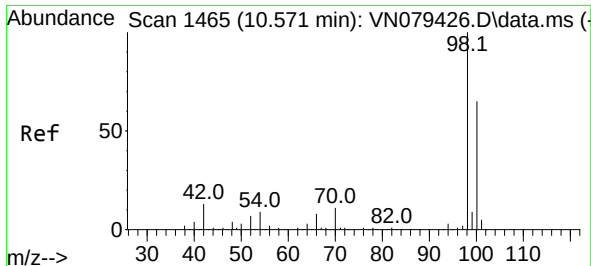
Ion Ratio Lower Upper

43 100

61 13.8 24.7 37.1#

87 8.6 14.6 21.8#

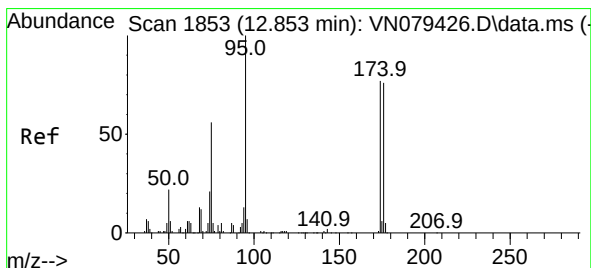
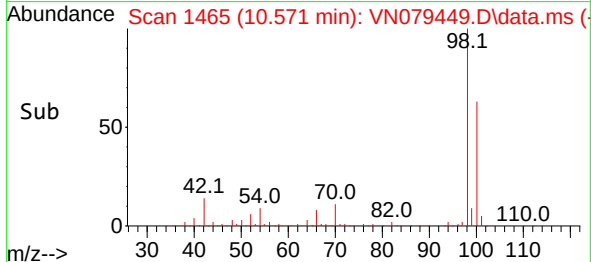
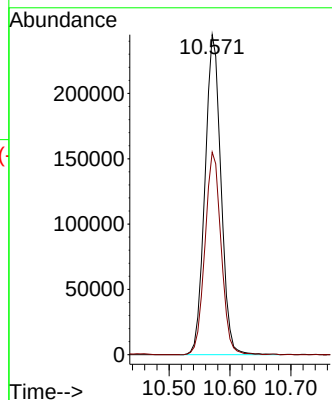
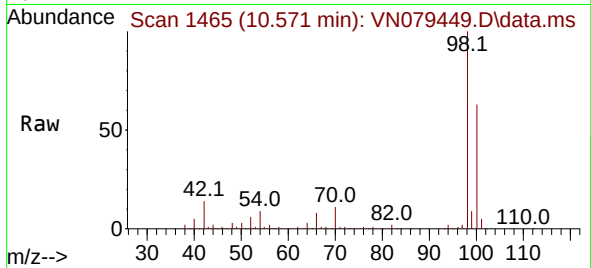




#50
Toluene-d8
Concen: 50.879 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

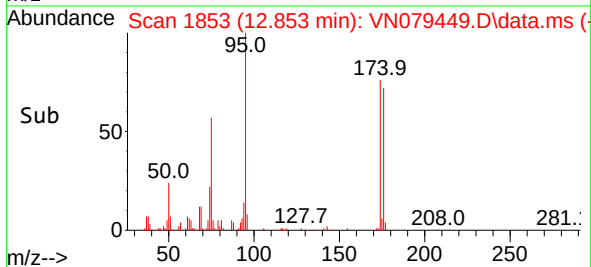
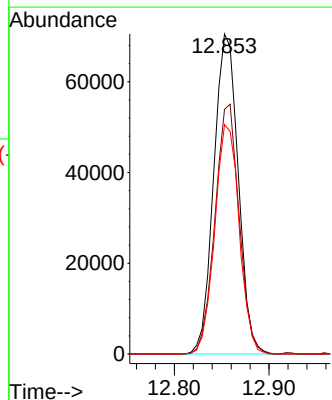
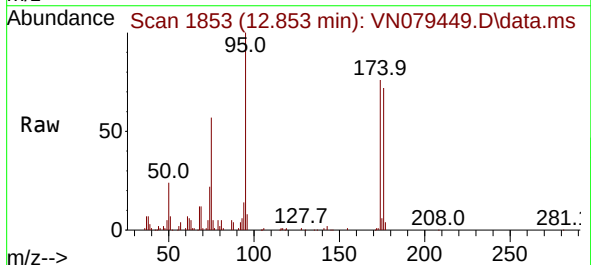
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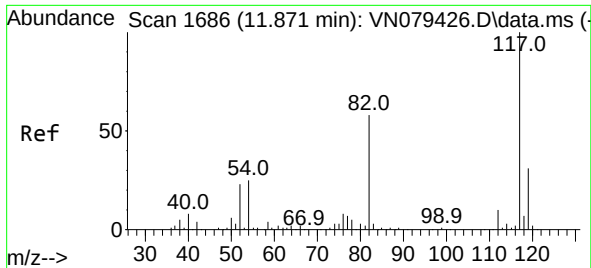
Tgt Ion: 98 Resp: 446739
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 44.820 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

Tgt Ion: 95 Resp: 126295
Ion Ratio Lower Upper
95 100
174 77.4 0.0 143.8
176 71.7 0.0 135.8

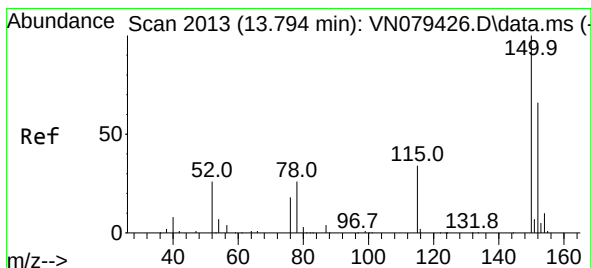
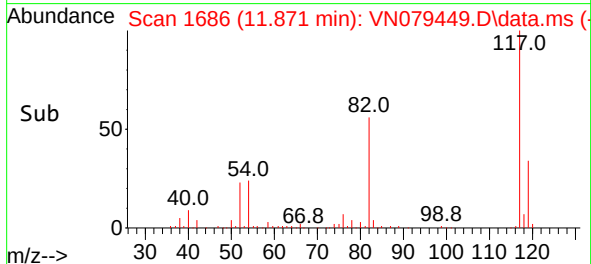
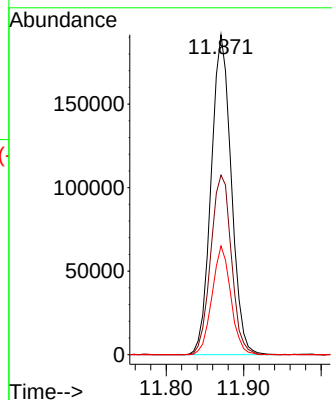
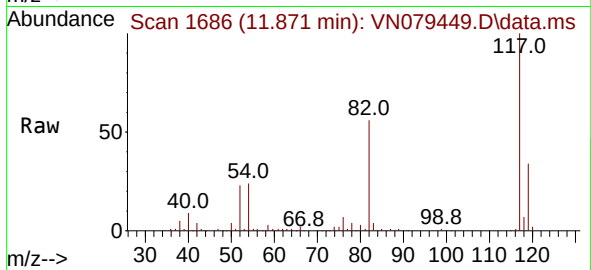




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

Instrument :
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Tgt Ion:117 Resp: 345849
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 34.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.006 min
Lab File: VN079449.D
Acq: 06 Oct 2023 15:54

Tgt Ion:152 Resp: 94672
Ion Ratio Lower Upper
152 100
115 63.7 32.3 96.8
150 159.5 0.0 355.8

