

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079642.D
 Acq On : 23 Oct 2023 12:35
 Operator : JC\MD
 Sample : PB156545ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156545ZHE#02

Quant Time: Oct 23 23:48:42 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)

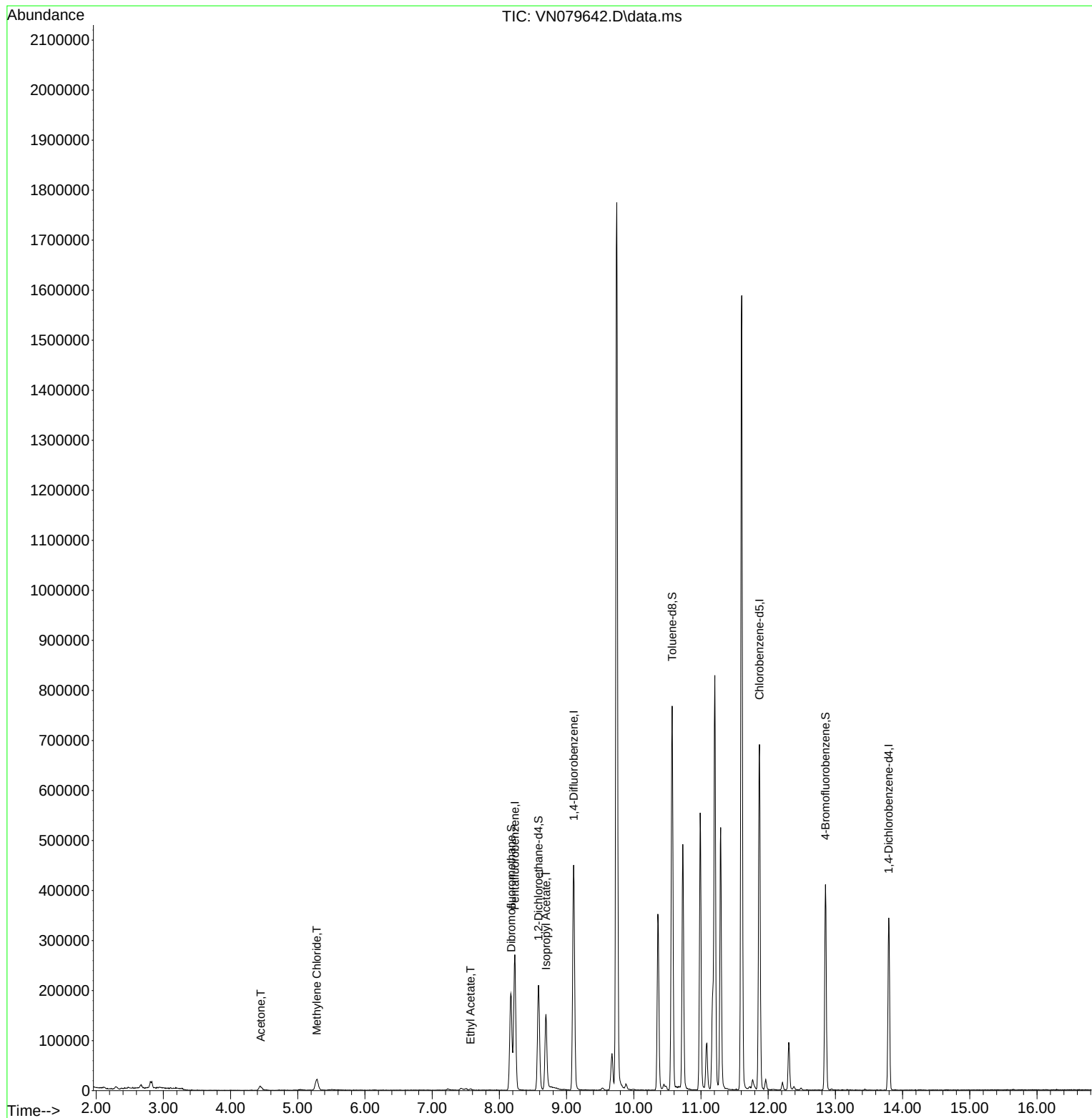
Internal Standards						
1) Pentafluorobenzene	8.230	168	186397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	377597	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	89385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	164481	54.423	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.840%	
35) Dibromofluoromethane	8.177	113	138809	51.154	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.300%	
50) Toluene-d8	10.571	98	520616	53.024	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.040%	
62) 4-Bromofluorobenzene	12.853	95	135685	43.062	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 86.120%	
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	17723	14.785	ug/l	91
20) Methylene Chloride	5.283	84	16615	5.797	ug/l #	83
37) Ethyl Acetate	7.571	43	4616	1.139	ug/l #	77
43) Isopropyl Acetate	8.694	43	171329	24.132	ug/l #	80

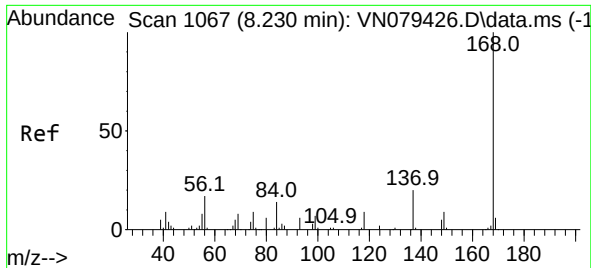
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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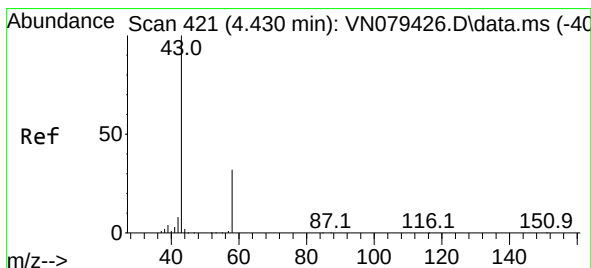
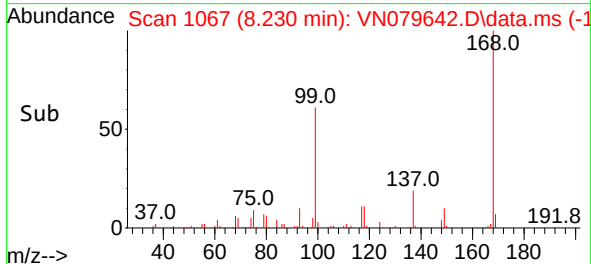
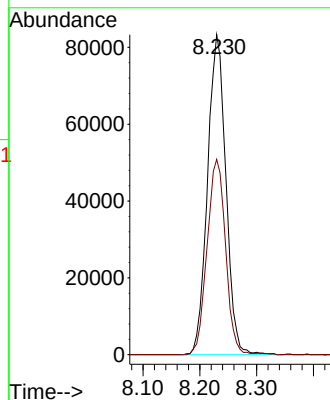
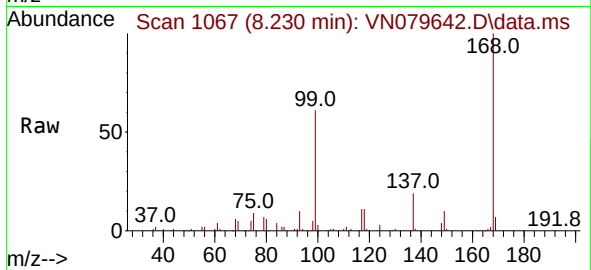




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

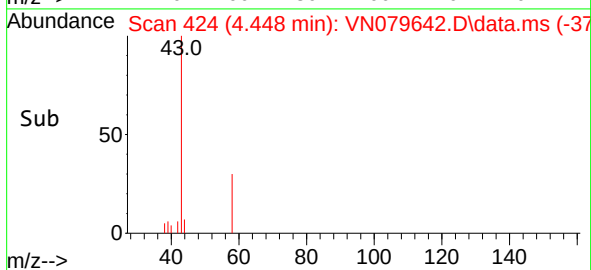
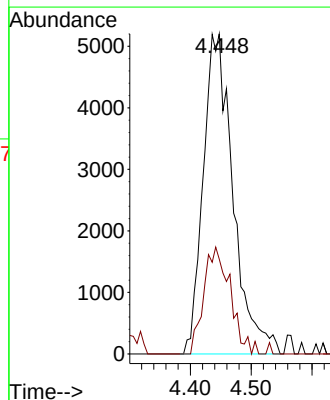
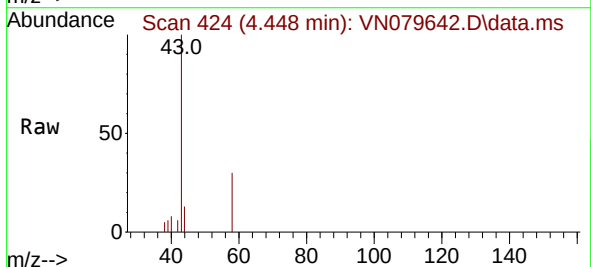
Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#02

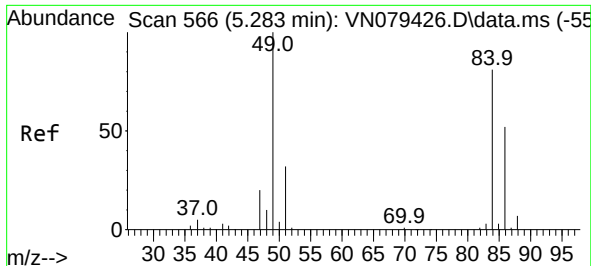
Tgt Ion:168 Resp: 186397
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#16
Acetone
Concen: 14.785 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

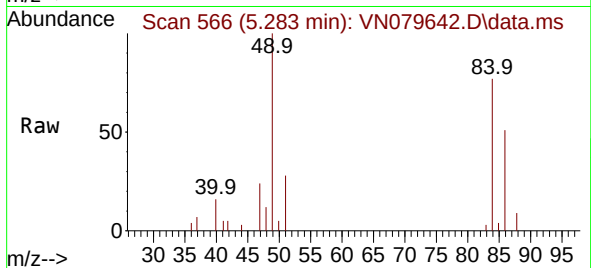
Tgt Ion: 43 Resp: 17723
Ion Ratio Lower Upper
43 100
58 29.6 28.0 42.0



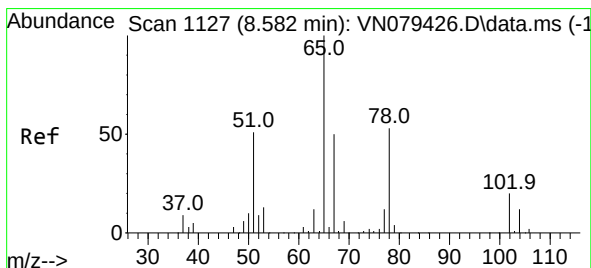
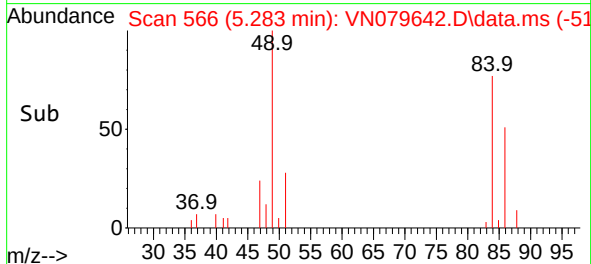
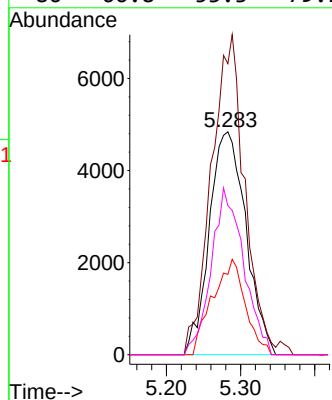


#20
Methylene Chloride
Concen: 5.797 ug/l
RT: 5.283 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#02

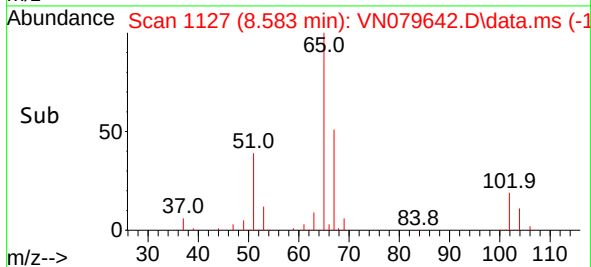
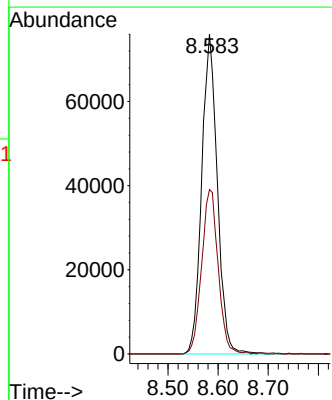
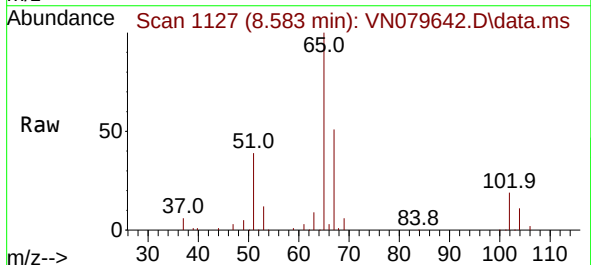


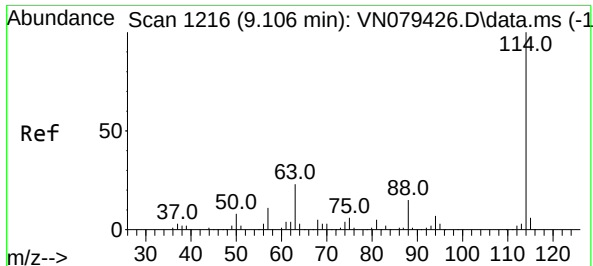
Tgt Ion:	84	Resp:	16615
Ion	Ratio	Lower	Upper
84	100		
49	130.6	79.7	119.5#
51	36.0	25.2	37.8
86	66.8	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 54.423 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

Tgt Ion:	65	Resp:	164481
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079642.D

Acq: 23 Oct 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#02

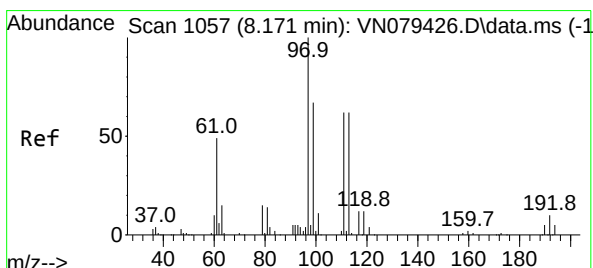
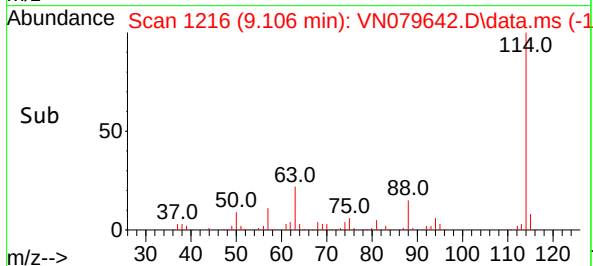
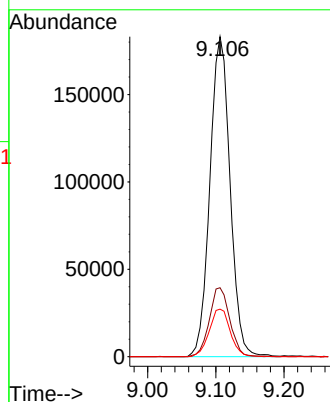
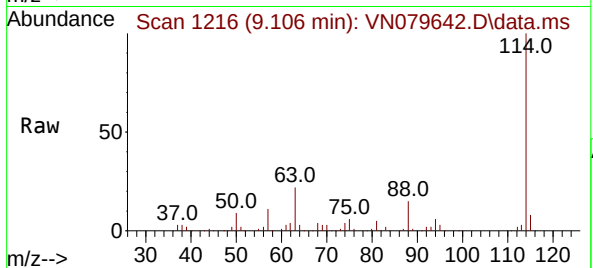
Tgt Ion:114 Resp: 377597

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.154 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN079642.D

Acq: 23 Oct 2023 12:35

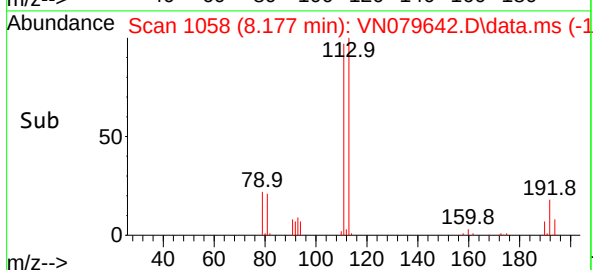
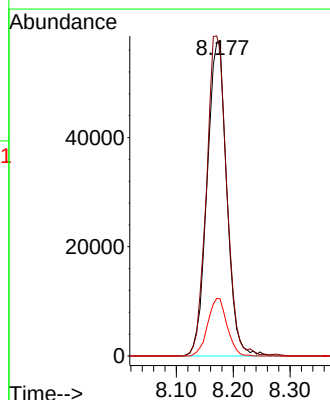
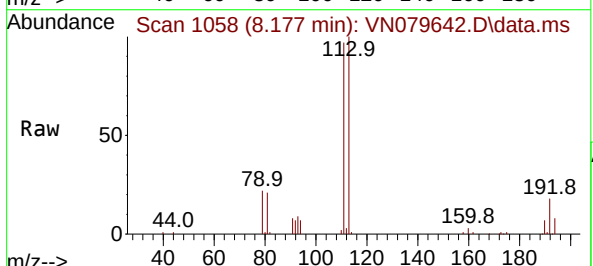
Tgt Ion:113 Resp: 138809

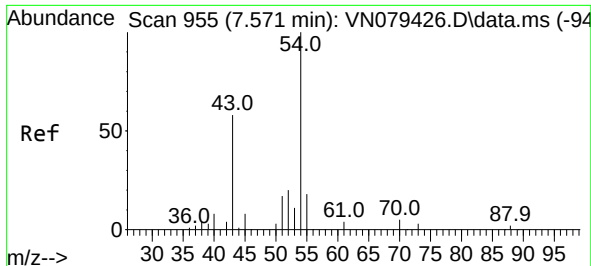
Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 17.8 12.7 19.1

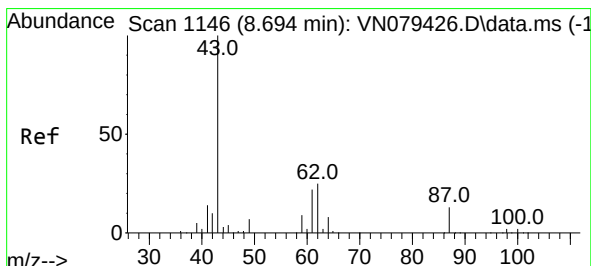
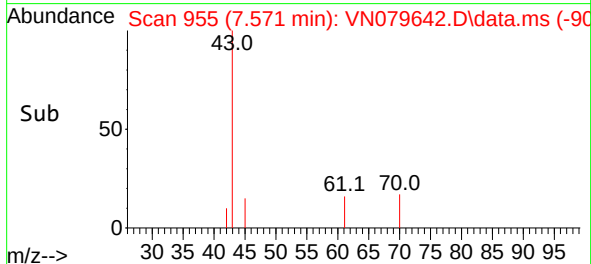
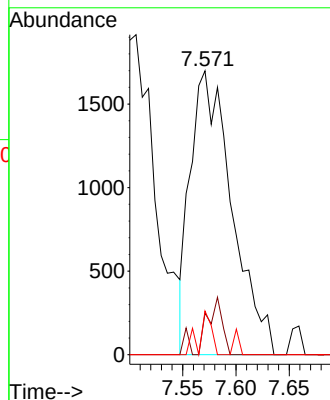
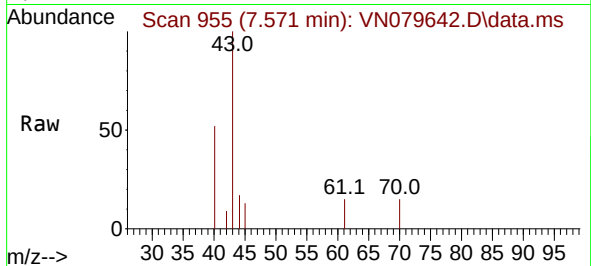




#37
Ethyl Acetate
Concen: 1.139 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

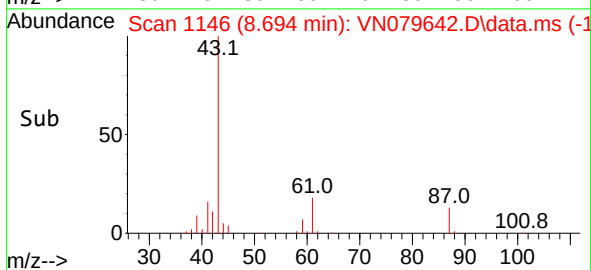
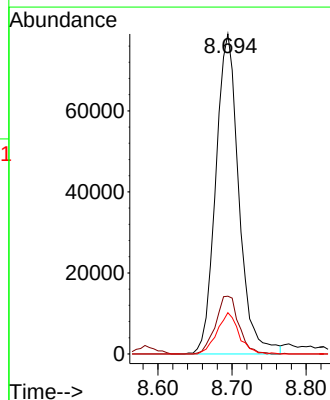
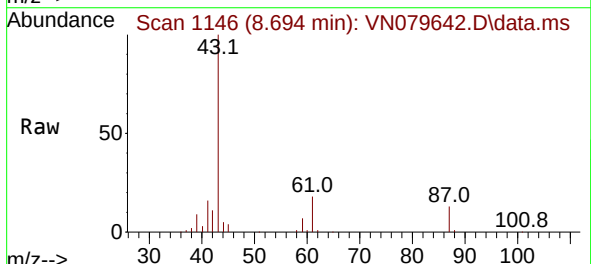
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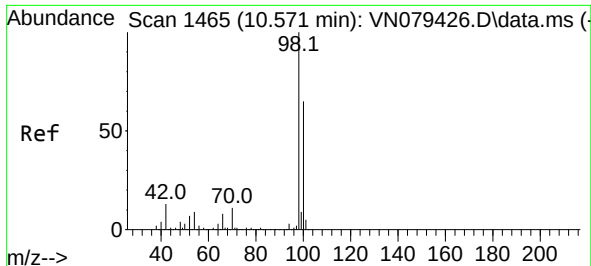
Tgt Ion: 43 Resp: 4616
Ion Ratio Lower Upper
43 100
61 7.1 13.2 19.8#
70 4.5 11.3 16.9#



#43
Isopropyl Acetate
Concen: 24.132 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

Tgt Ion: 43 Resp: 171329
Ion Ratio Lower Upper
43 100
61 18.1 24.7 37.1#
87 12.1 14.6 21.8#

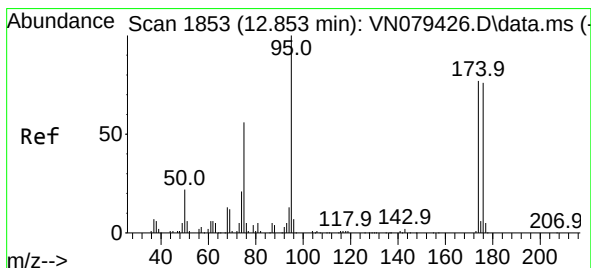
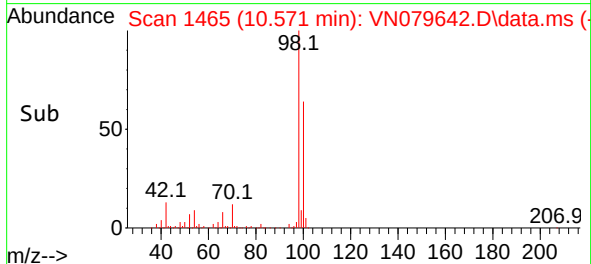
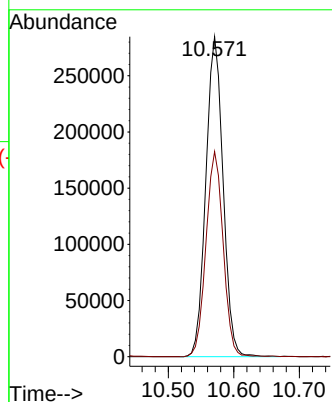
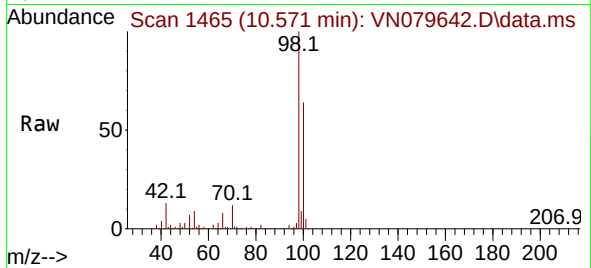




#50
Toluene-d8
Concen: 53.024 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

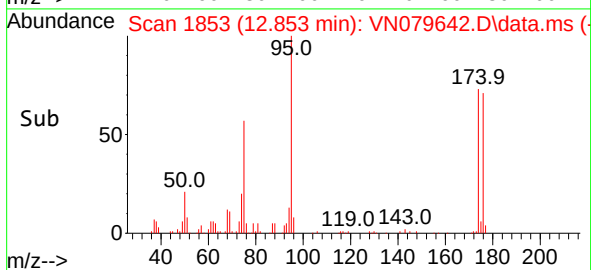
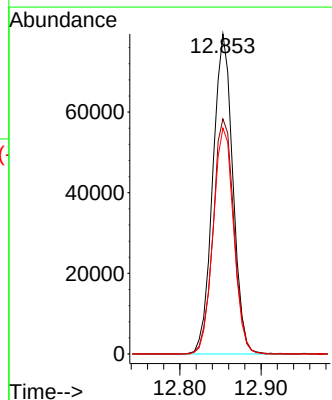
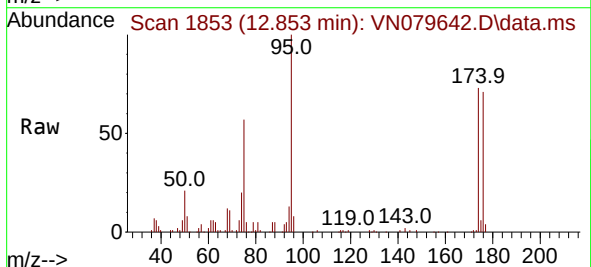
Instrument :
MSVOA_N
ClientSampleId :
PB156545ZHE#02

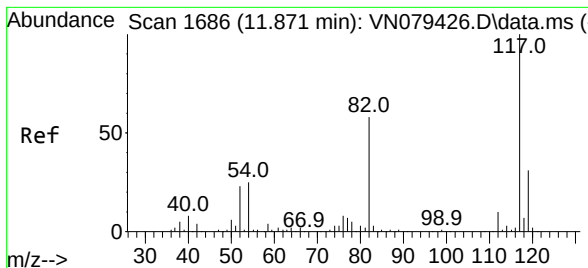
Tgt Ion: 98 Resp: 520616
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.062 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079642.D
Acq: 23 Oct 2023 12:35

Tgt Ion: 95 Resp: 135685
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 72.4 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079642.D

Acq: 23 Oct 2023 12:35

Instrument :

MSVOA_N

ClientSampleId :

PB156545ZHE#02

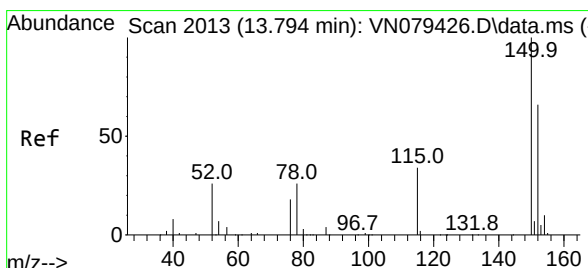
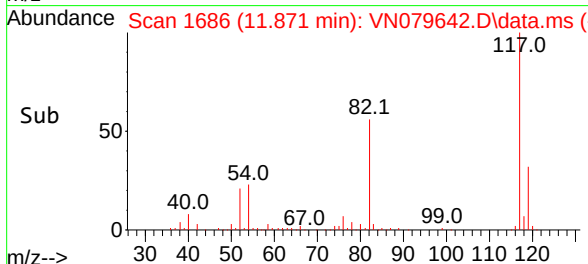
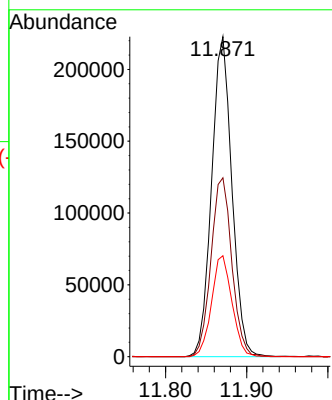
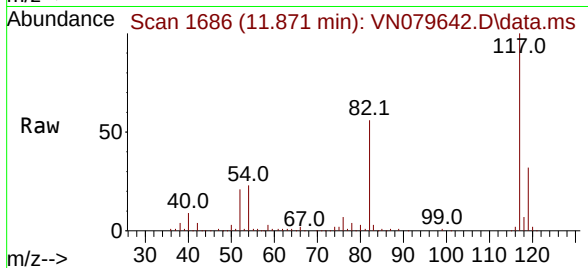
Tgt Ion:117 Resp: 386766

Ion Ratio Lower Upper

117 100

82 55.9 44.0 66.0

119 31.6 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079642.D

Acq: 23 Oct 2023 12:35

Tgt Ion:152 Resp: 89385

Ion Ratio Lower Upper

152 100

115 62.5 32.3 96.8

150 162.4 0.0 355.8

