

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079936.D
 Acq On : 06 Nov 2023 20:33
 Operator : JC\MD
 Sample : PB156885ZHE#19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#19

Quant Time: Nov 07 04:54:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

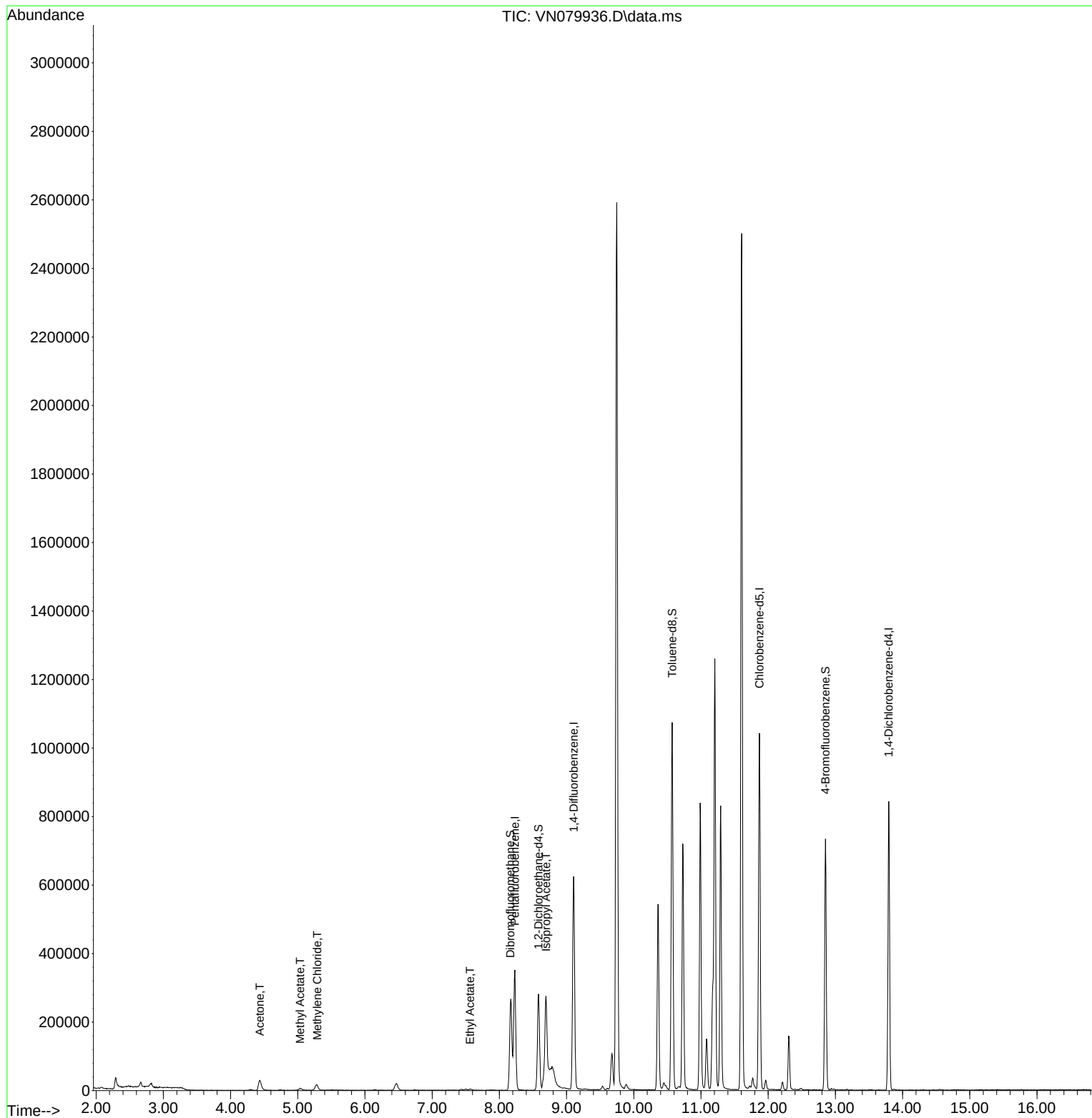
Internal Standards						
1) Pentafluorobenzene	8.229	168	234420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	519988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	575642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	208024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	230201	64.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 128.920%#	
35) Dibromofluoromethane	8.165	113	191425	52.014	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.020%	
50) Toluene-d8	10.571	98	721428	53.248	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.500%	
62) 4-Bromofluorobenzene	12.853	95	243163	54.116	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	58045	46.269	ug/l	93
18) Methyl Acetate	5.036	43	11133	1.855	ug/l #	74
20) Methylene Chloride	5.289	84	12272	3.877	ug/l #	88
37) Ethyl Acetate	7.565	43	5734	1.190	ug/l #	78
43) Isopropyl Acetate	8.694	43	355808	42.100	ug/l #	73

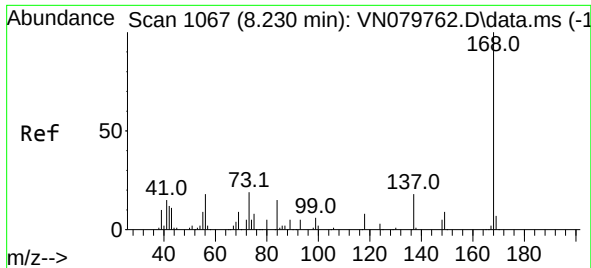
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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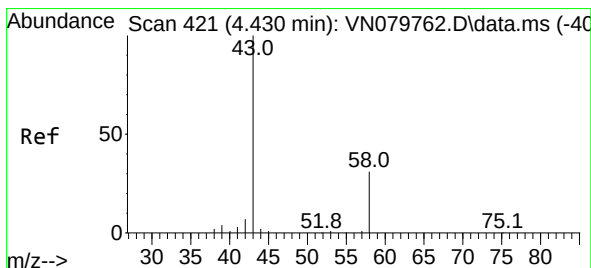
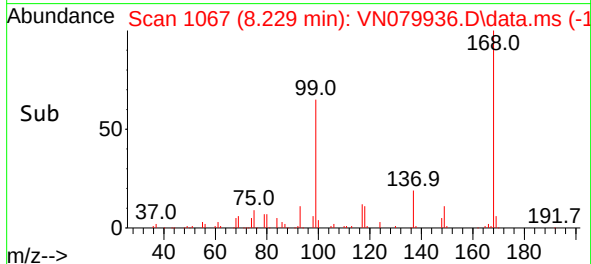
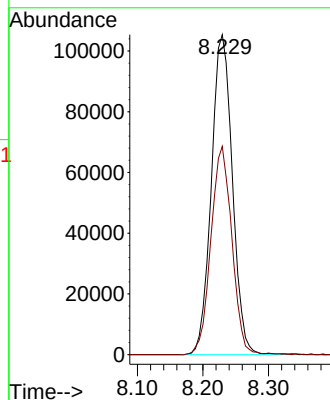
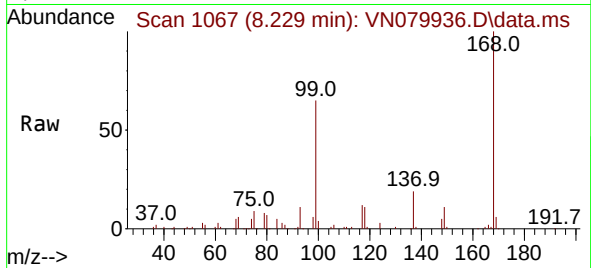




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079936.D
Acq: 06 Nov 2023 20:33

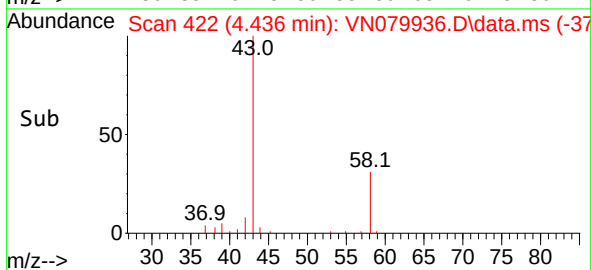
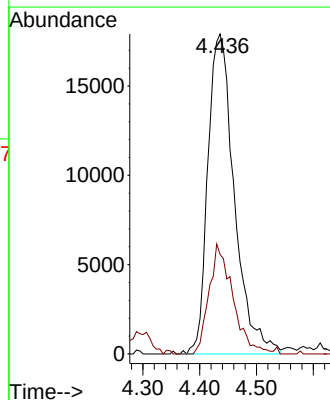
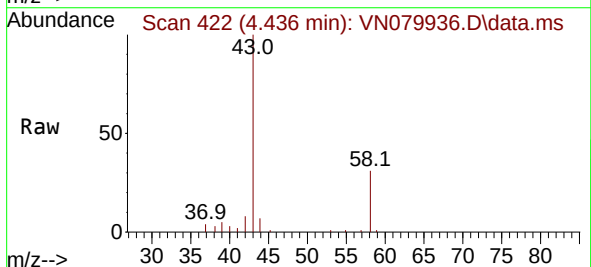
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#19

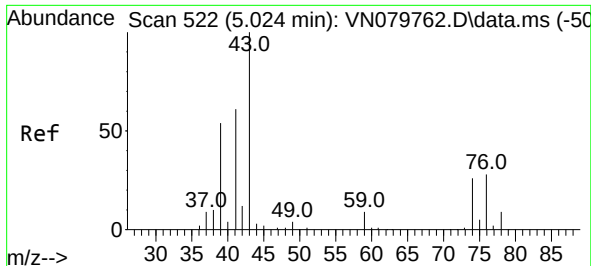
Tgt Ion:168 Resp: 234420
Ion Ratio Lower Upper
168 100
99 65.1 53.0 79.6



#16
Acetone
Concen: 46.269 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079936.D
Acq: 06 Nov 2023 20:33

Tgt Ion: 43 Resp: 58045
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





#18

Methyl Acetate

Concen: 1.855 ug/l

RT: 5.036 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN079936.D

Acq: 06 Nov 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

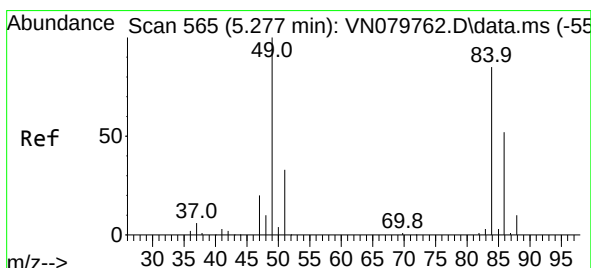
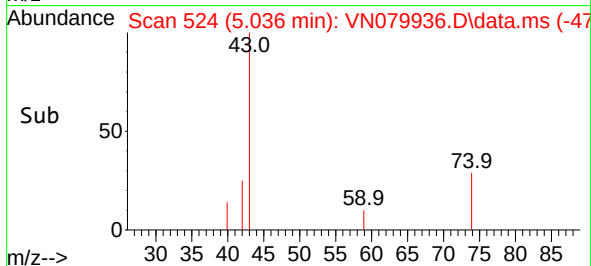
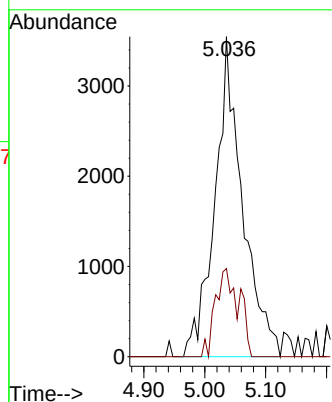
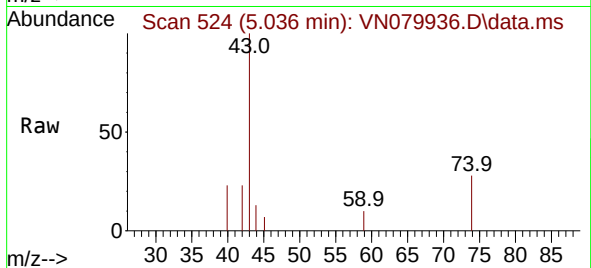
PB156885ZHE#19

Tgt Ion: 43 Resp: 11133

Ion Ratio Lower Upper

43 100

74 18.4 26.2 39.4#



#20

Methylene Chloride

Concen: 3.877 ug/l

RT: 5.289 min Scan# 567

Delta R.T. 0.018 min

Lab File: VN079936.D

Acq: 06 Nov 2023 20:33

Tgt Ion: 84 Resp: 12272

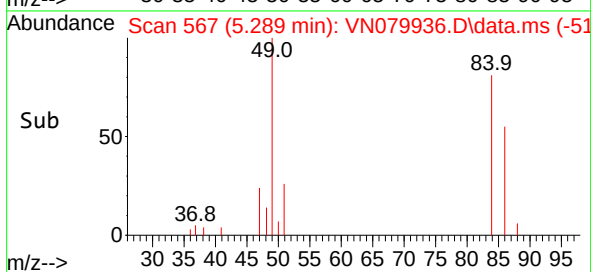
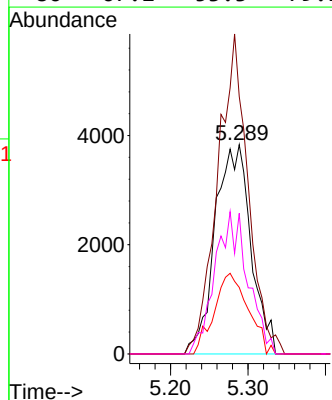
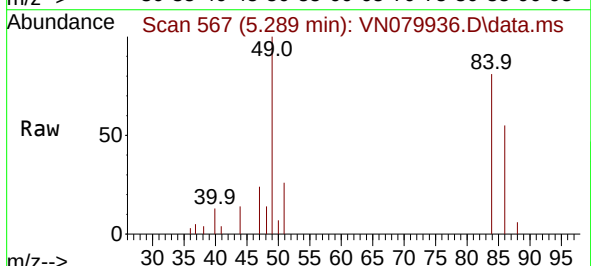
Ion Ratio Lower Upper

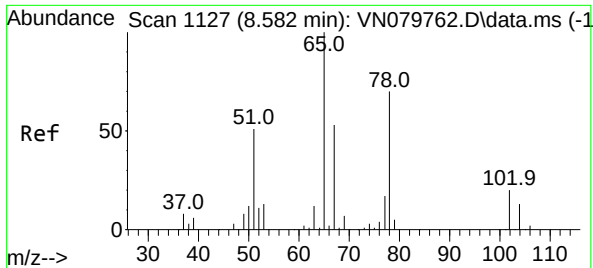
84 100

49 123.0 79.7 119.5#

51 31.8 25.2 37.8

86 67.2 53.3 79.9

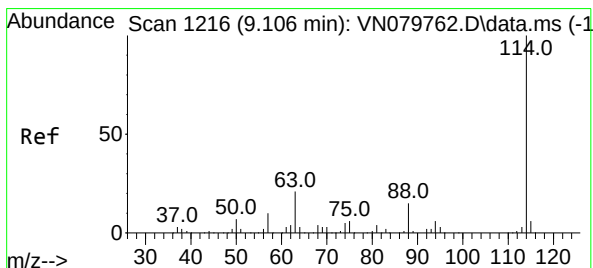
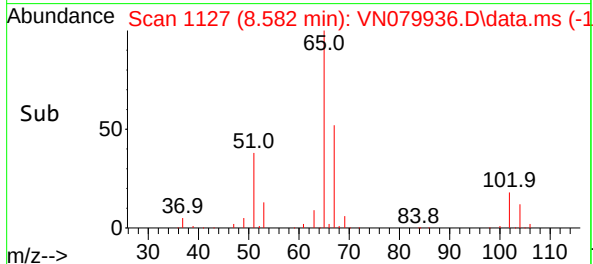
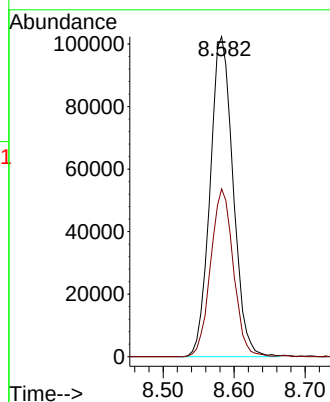
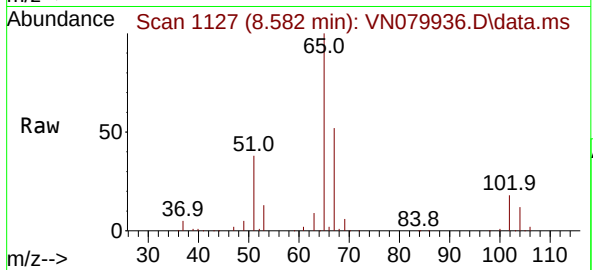




#33
 1,2-Dichloroethane-d4
 Concen: 64.456 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN079936.D
 Acq: 06 Nov 2023 20:33

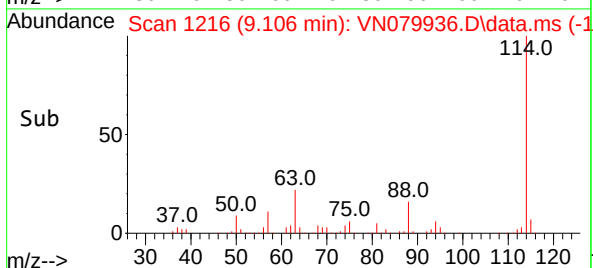
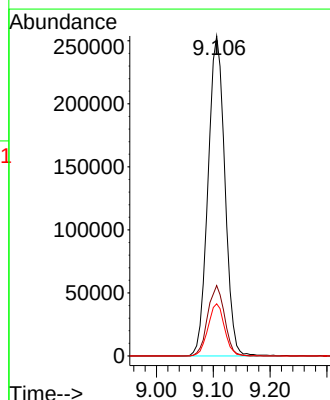
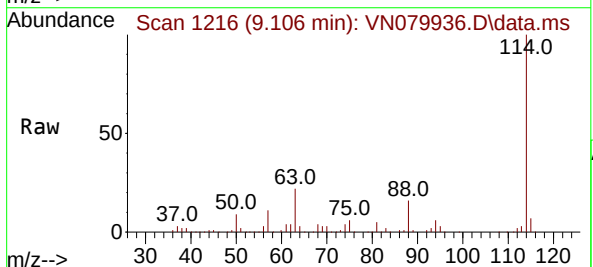
Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#19

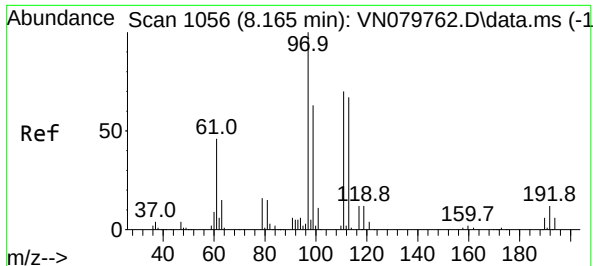
Tgt Ion: 65 Resp: 230201
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN079936.D
 Acq: 06 Nov 2023 20:33

Tgt Ion: 114 Resp: 519988
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 36.4
 88 16.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.014 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079936.D

Acq: 06 Nov 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#19

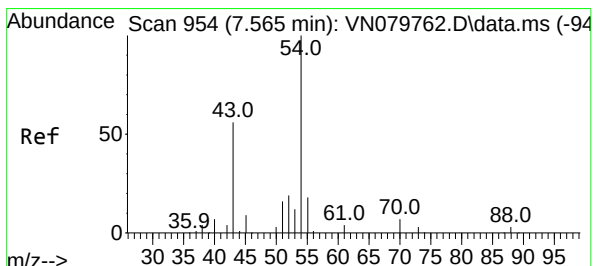
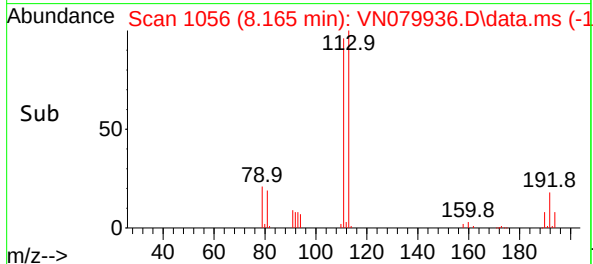
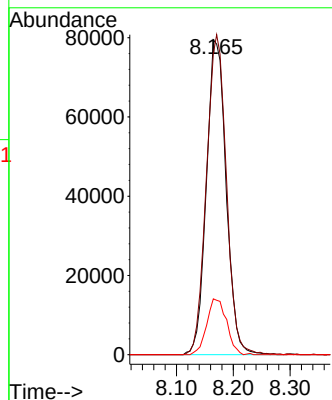
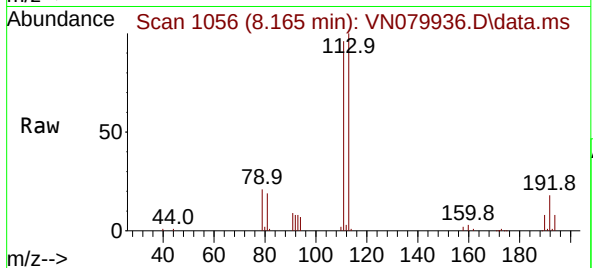
Tgt Ion:113 Resp: 191425

Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.8 12.7 19.1



#37

Ethyl Acetate

Concen: 1.190 ug/l

RT: 7.565 min Scan# 954

Delta R.T. 0.000 min

Lab File: VN079936.D

Acq: 06 Nov 2023 20:33

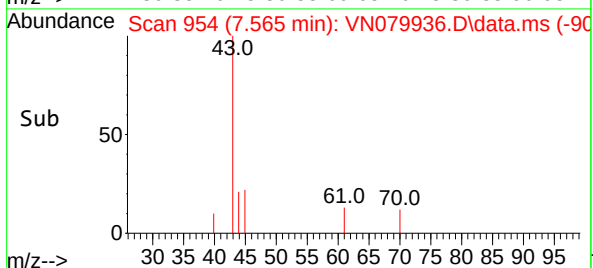
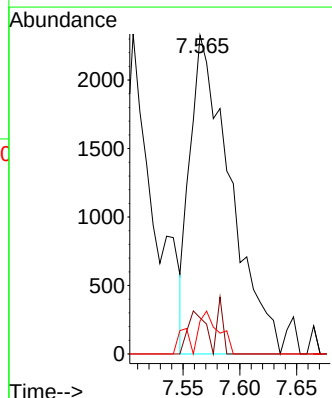
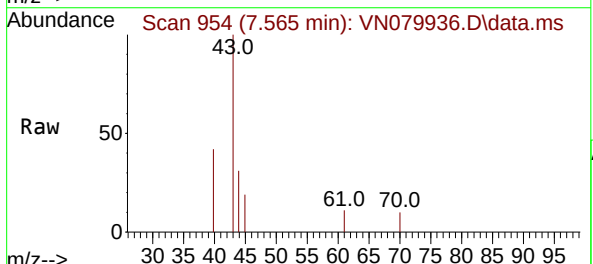
Tgt Ion: 43 Resp: 5734

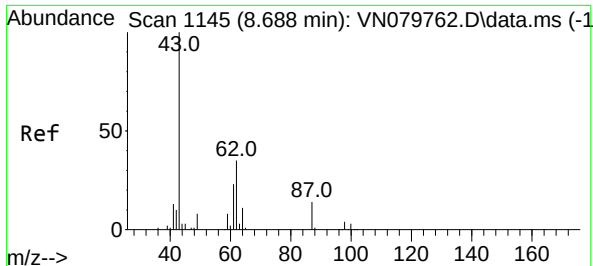
Ion Ratio Lower Upper

43 100

61 5.9 13.2 19.8#

70 6.6 11.3 16.9#





#43

Isopropyl Acetate

Concen: 42.100 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079936.D

Acq: 06 Nov 2023 20:33

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#19

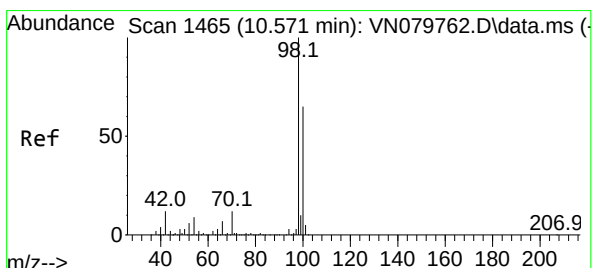
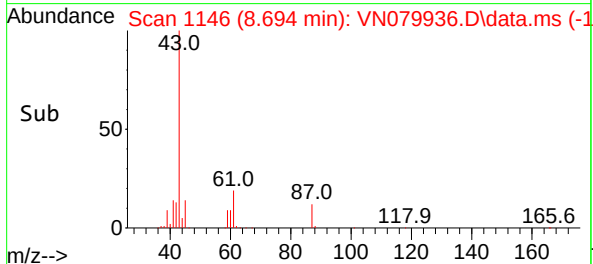
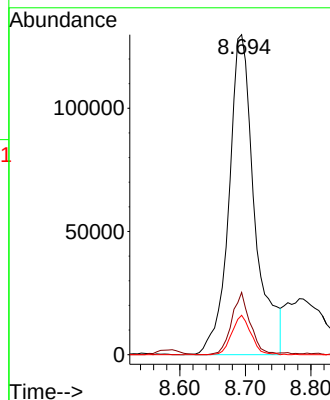
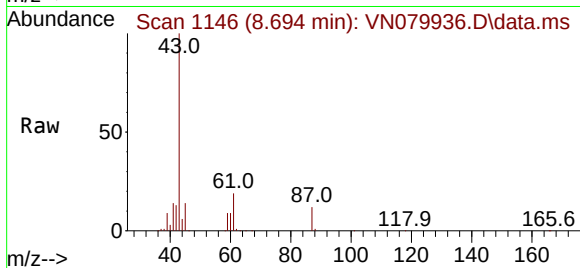
Tgt Ion: 43 Resp: 355808

Ion Ratio Lower Upper

43 100

61 14.0 24.7 37.1#

87 9.1 14.6 21.8#



#50

Toluene-d8

Concen: 53.248 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079936.D

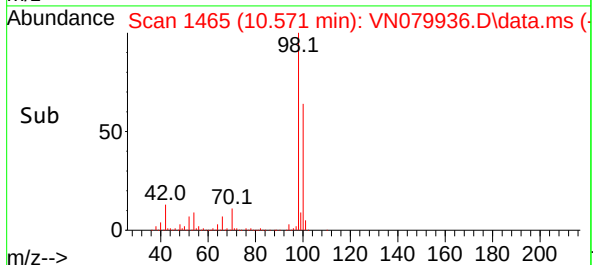
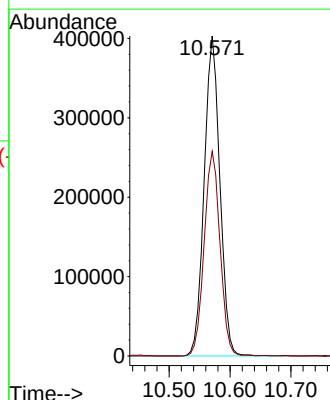
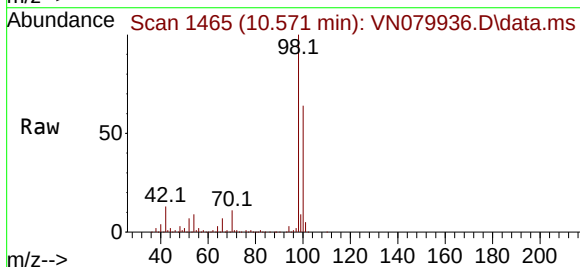
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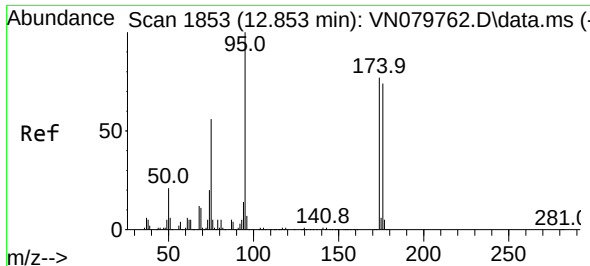
Tgt Ion: 98 Resp: 721428

Ion Ratio Lower Upper

98 100

100 64.6 52.0 78.0

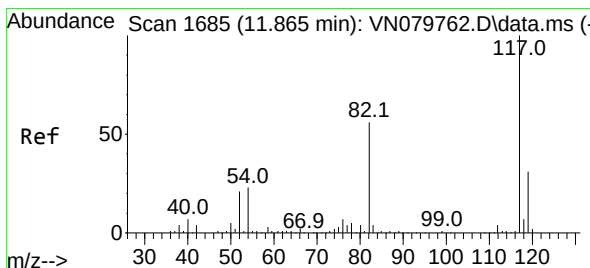
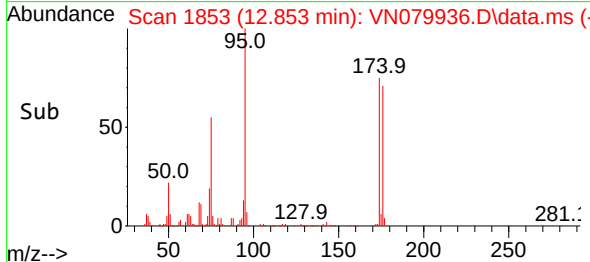
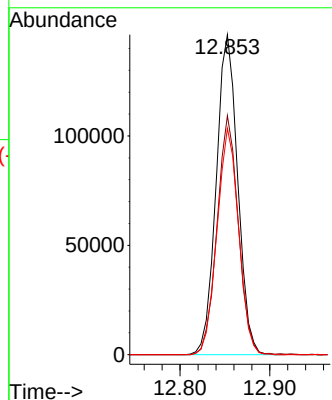
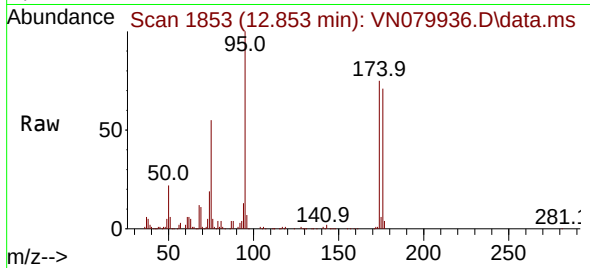




#62
4-Bromofluorobenzene
Concen: 54.116 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079936.D
Acq: 06 Nov 2023 20:33

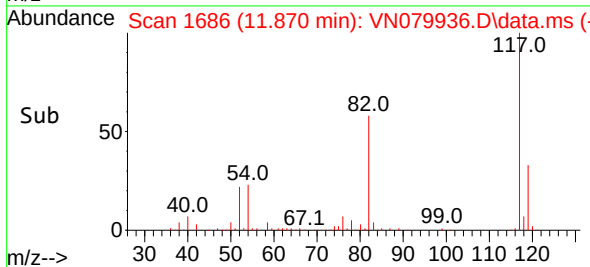
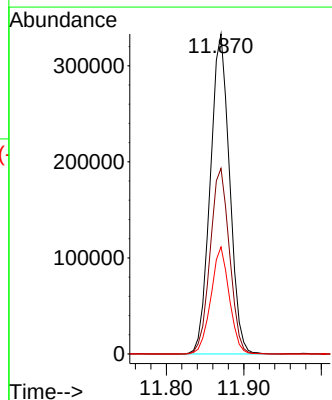
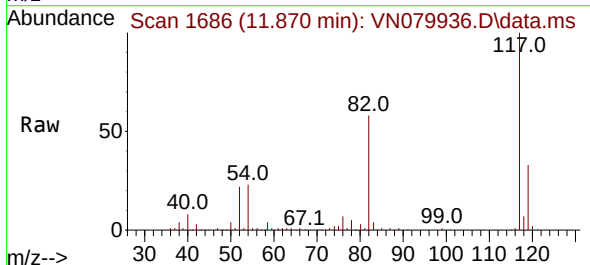
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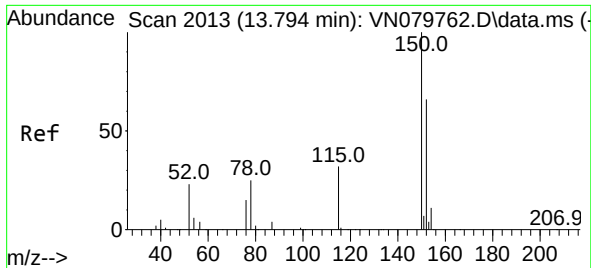
Tgt Ion: 95 Resp: 243163
Ion Ratio Lower Upper
95 100
174 73.7 0.0 143.8
176 70.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079936.D
Acq: 06 Nov 2023 20:33

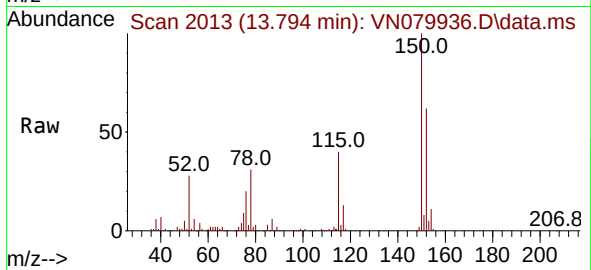
Tgt Ion: 117 Resp: 575642
Ion Ratio Lower Upper
117 100
82 58.0 44.0 66.0
119 33.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079936.D
 Acq: 06 Nov 2023 20:33

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#19



Tgt Ion:152 Resp: 208024
 Ion Ratio Lower Upper
 152 100
 115 63.8 32.3 96.8
 150 158.2 0.0 355.8

