

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079924.D
 Acq On : 06 Nov 2023 15:45
 Operator : JC\MD
 Sample : PB156885ZHE#07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#07

Quant Time: Nov 07 04:49:15 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)

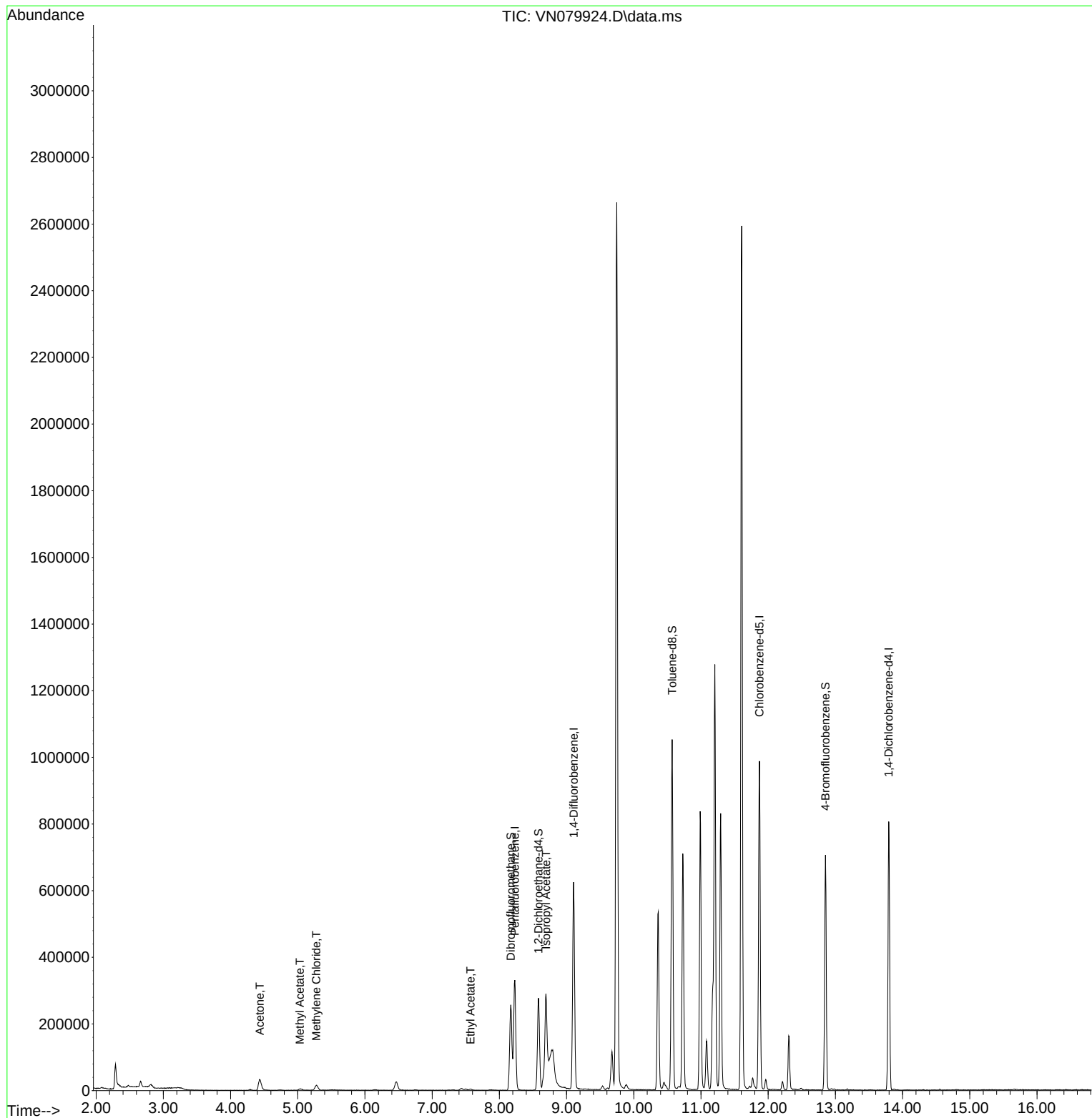
Internal Standards						
1) Pentafluorobenzene	8.230	168	231098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511219	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	549890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	223032	63.346	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.700%#	
35) Dibromofluoromethane	8.171	113	184749	51.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.120%	
50) Toluene-d8	10.571	98	693691	52.079	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.160%	
62) 4-Bromofluorobenzene	12.853	95	235772	53.372	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.740%	
Target Compounds						
					Qvalue	
16) Acetone	4.436	43	65526	52.983	ug/l	91
18) Methyl Acetate	5.030	43	9654	1.632	ug/l #	76
20) Methylene Chloride	5.277	84	11949	3.829	ug/l #	94
37) Ethyl Acetate	7.571	43	5794	1.223	ug/l #	94
43) Isopropyl Acetate	8.694	43	359543	43.271	ug/l #	73

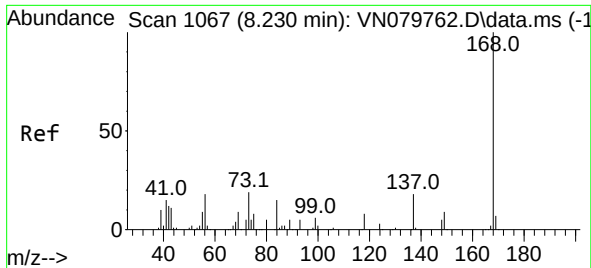
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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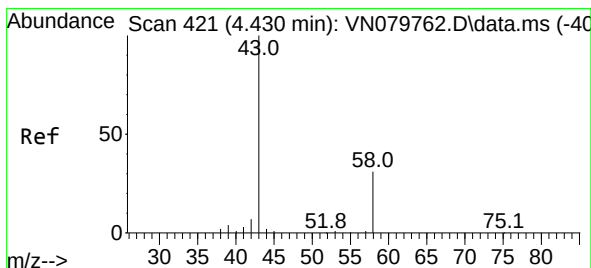
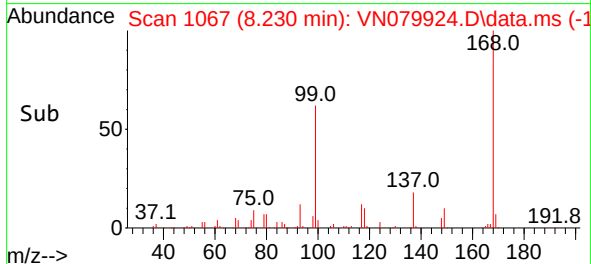
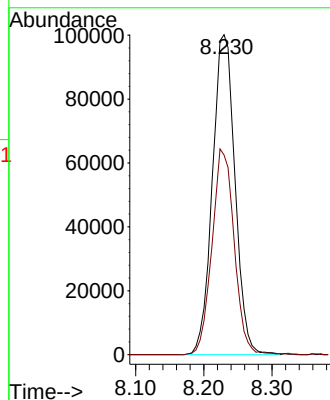
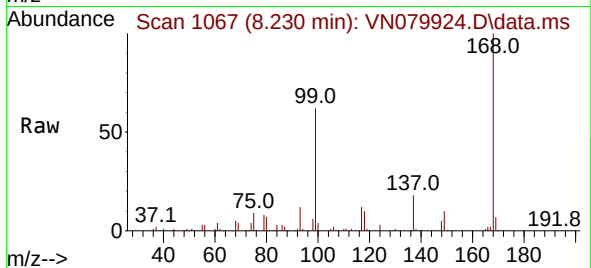




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN079924.D
Acq: 06 Nov 2023 15:45

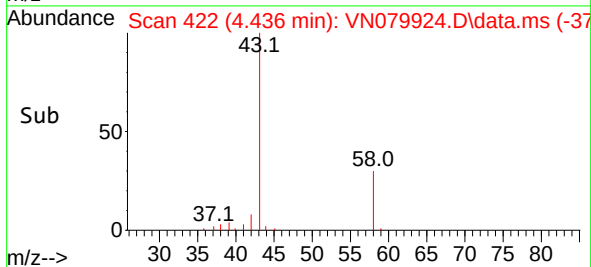
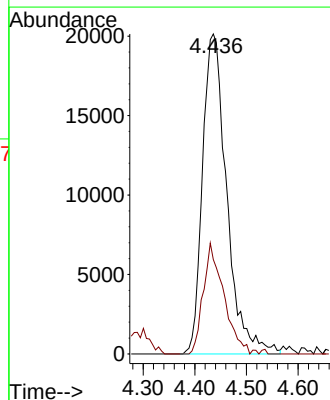
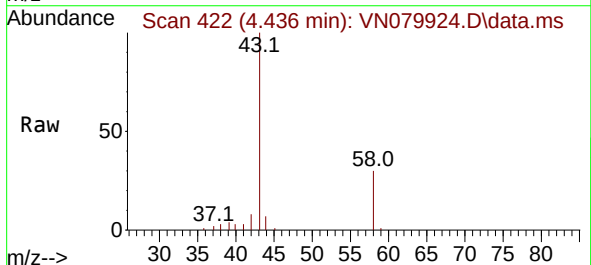
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#07

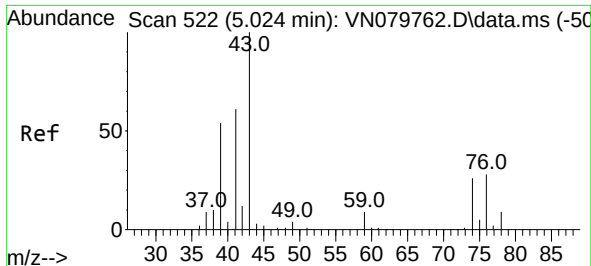
Tgt Ion:168 Resp: 231098
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#16
Acetone
Concen: 52.983 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN079924.D
Acq: 06 Nov 2023 15:45

Tgt Ion: 43 Resp: 65526
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

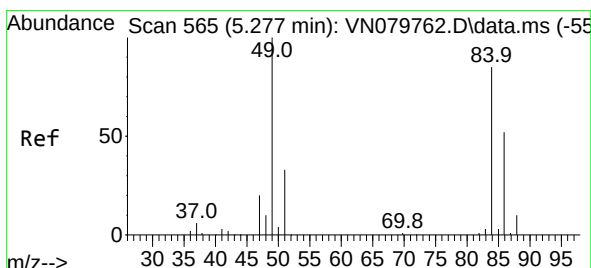
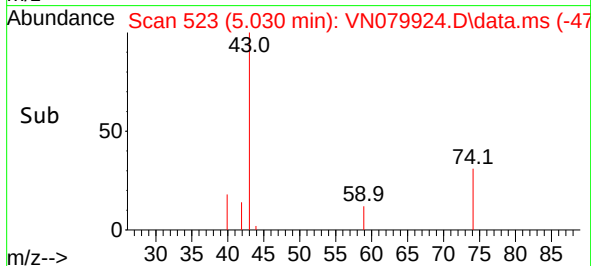
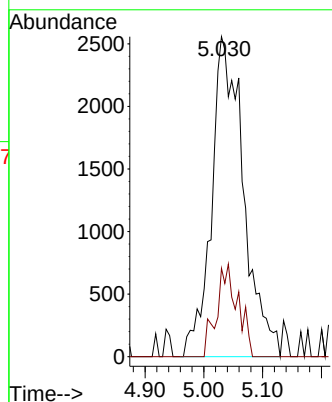
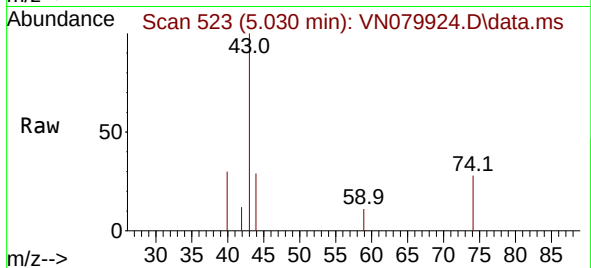




#18
Methyl Acetate
Concen: 1.632 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN079924.D
Acq: 06 Nov 2023 15:45

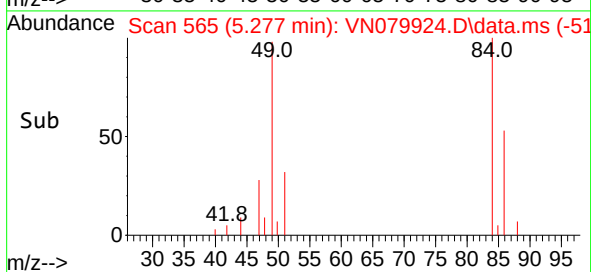
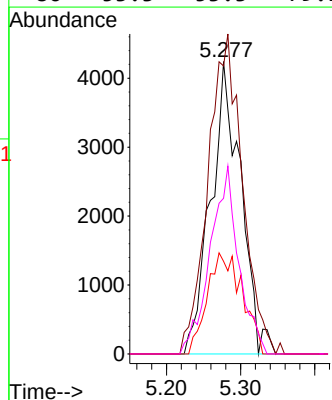
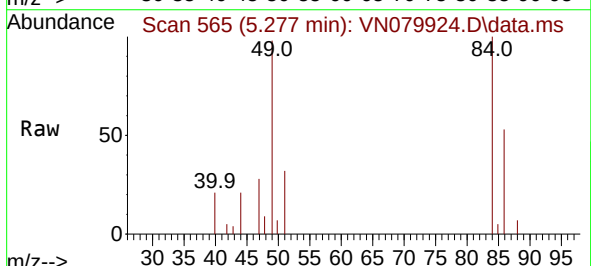
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#07

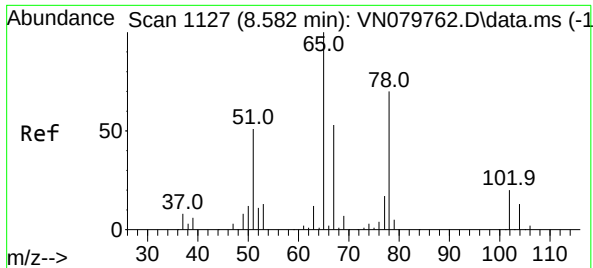
Tgt Ion: 43 Resp: 9654
Ion Ratio Lower Upper
43 100
74 19.3 26.2 39.4#



#20
Methylene Chloride
Concen: 3.829 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079924.D
Acq: 06 Nov 2023 15:45

Tgt Ion: 84 Resp: 11949
Ion Ratio Lower Upper
84 100
49 98.5 79.7 119.5
51 31.7 25.2 37.8
86 53.3 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 63.346 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN079924.D

Acq: 06 Nov 2023 15:45

Instrument :

MSVOA_N

ClientSampleId :

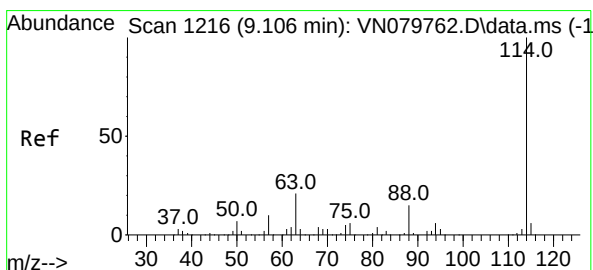
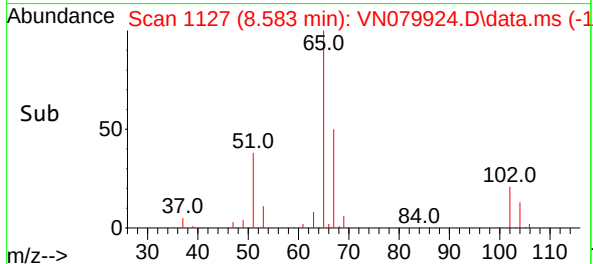
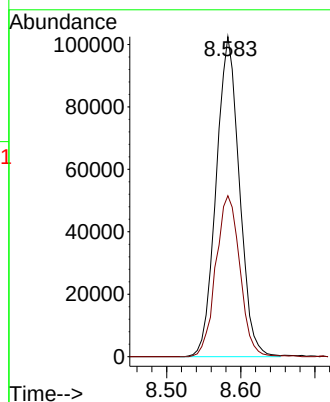
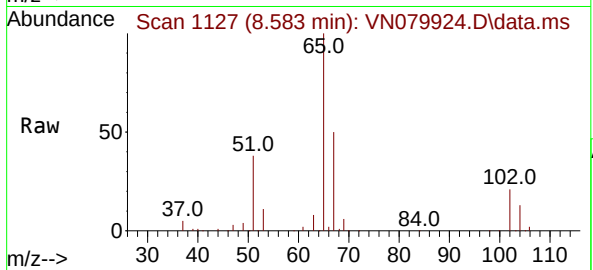
PB156885ZHE#07

Tgt Ion: 65 Resp: 223032

Ion Ratio Lower Upper

65 100

67 52.2 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: VN079924.D

Acq: 06 Nov 2023 15:45

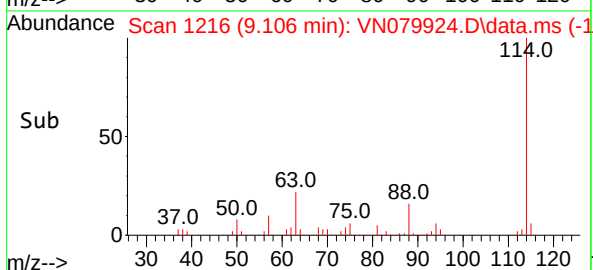
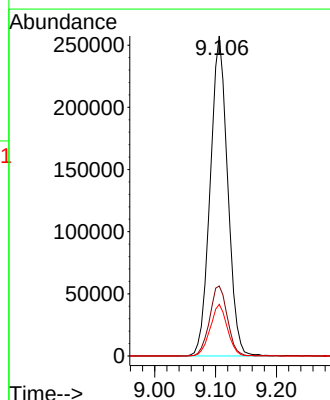
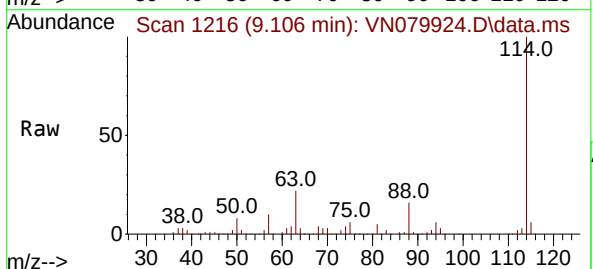
Tgt Ion: 114 Resp: 511219

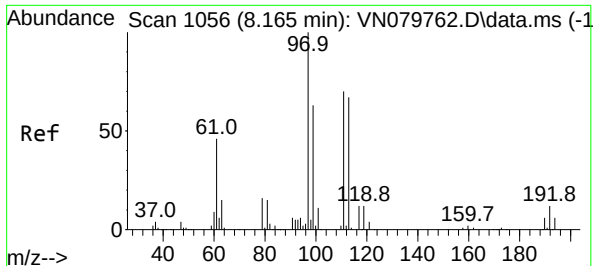
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

88 16.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.061 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN079924.D

Acq: 06 Nov 2023 15:45

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#07

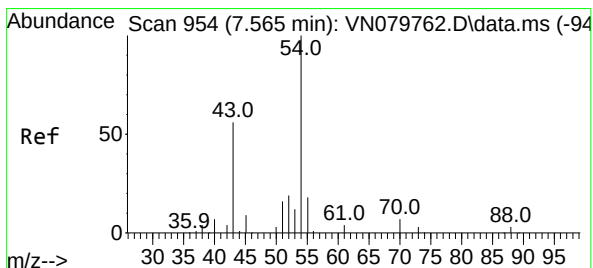
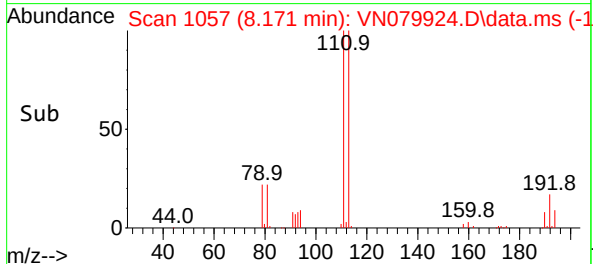
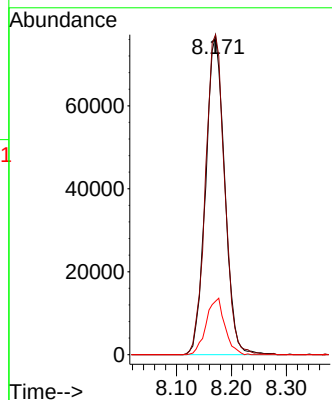
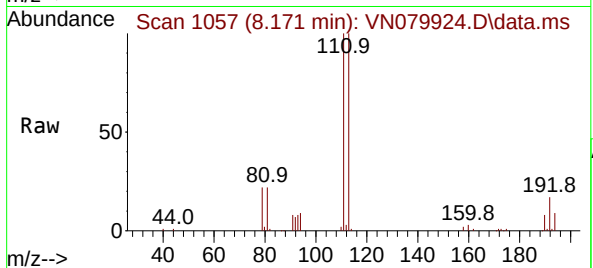
Tgt Ion:113 Resp: 184749

Ion Ratio Lower Upper

113 100

111 101.1 82.6 123.8

192 17.3 12.7 19.1



#37

Ethyl Acetate

Concen: 1.223 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.006 min

Lab File: VN079924.D

Acq: 06 Nov 2023 15:45

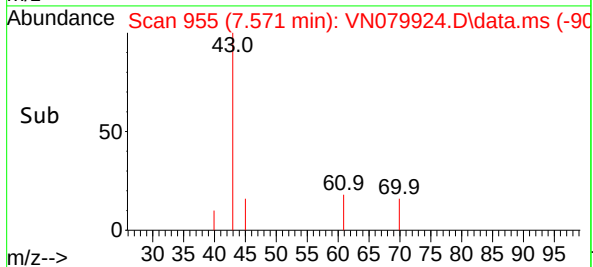
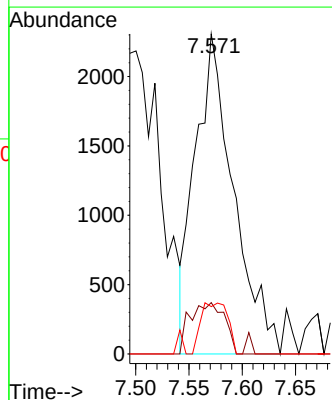
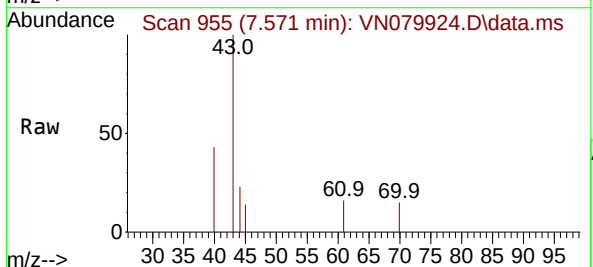
Tgt Ion: 43 Resp: 5794

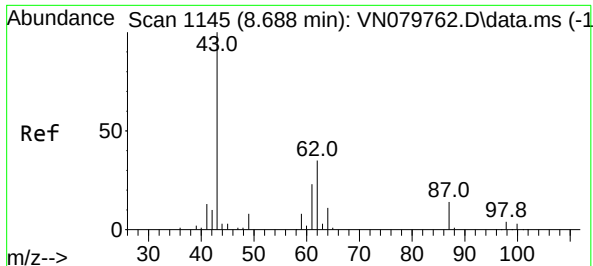
Ion Ratio Lower Upper

43 100

61 14.4 13.2 19.8

70 11.2 11.3 16.9#





#43

Isopropyl Acetate

Concen: 43.271 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079924.D

Acq: 06 Nov 2023 15:45

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#07

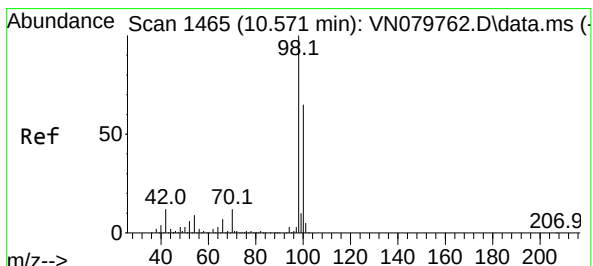
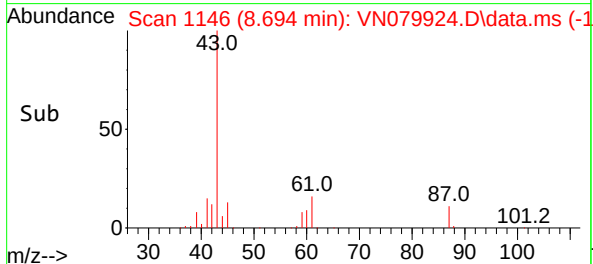
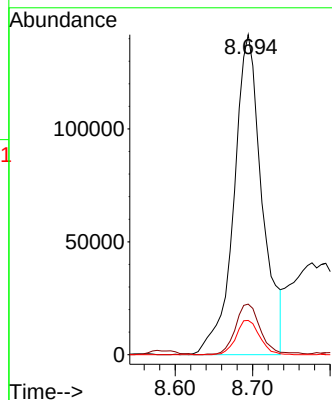
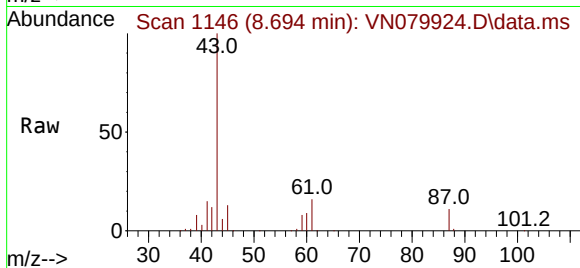
Tgt Ion: 43 Resp: 359543

Ion Ratio Lower Upper

43 100

61 14.2 24.7 37.1#

87 9.0 14.6 21.8#



#50

Toluene-d8

Concen: 52.079 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN079924.D

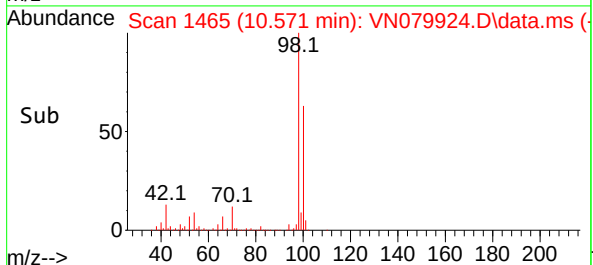
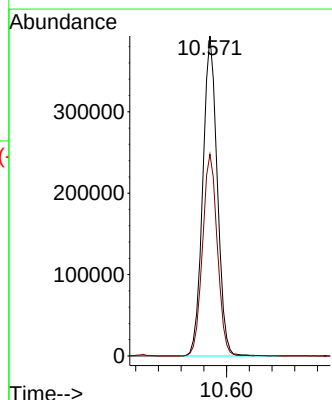
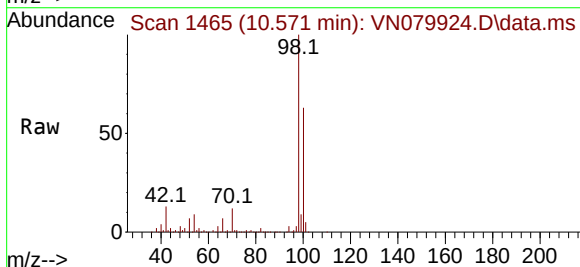
Acq: 06 Nov 2023 15:45

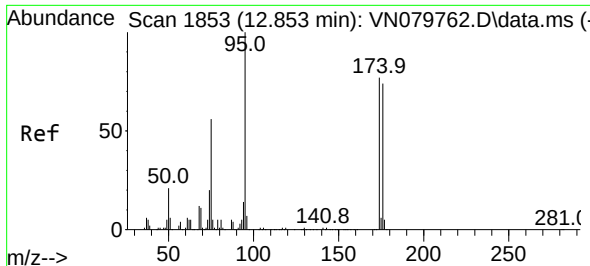
Tgt Ion: 98 Resp: 693691

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0

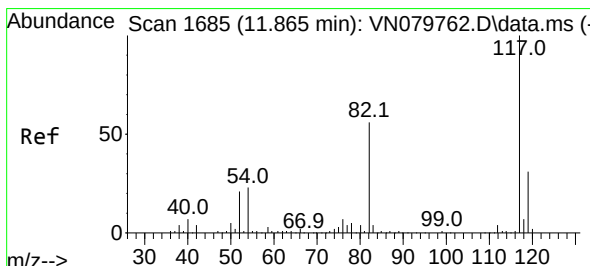
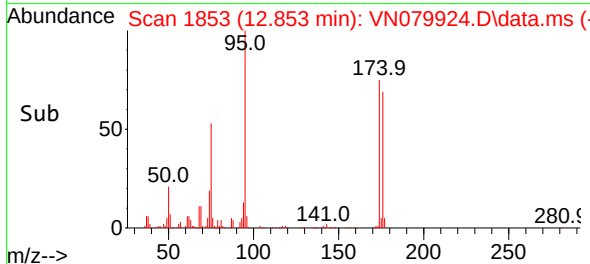
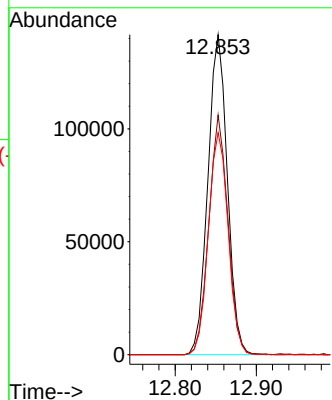
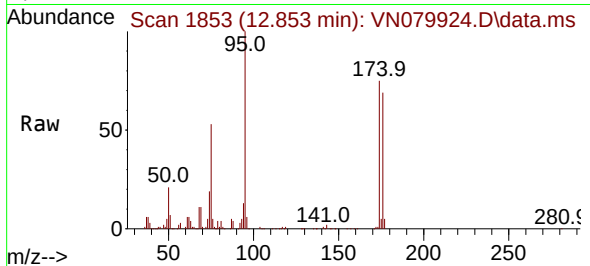




#62
4-Bromofluorobenzene
Concen: 53.372 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079924.D
Acq: 06 Nov 2023 15:45

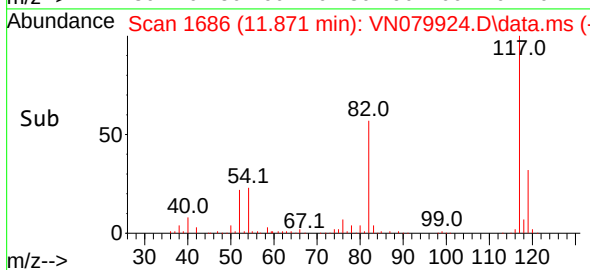
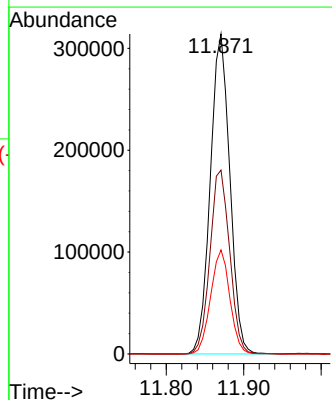
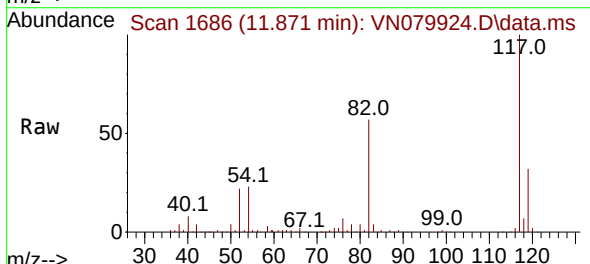
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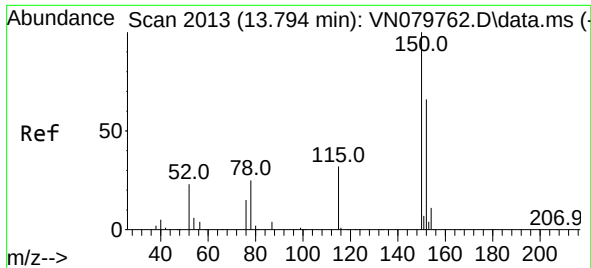
Tgt Ion: 95 Resp: 235772
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 70.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079924.D
Acq: 06 Nov 2023 15:45

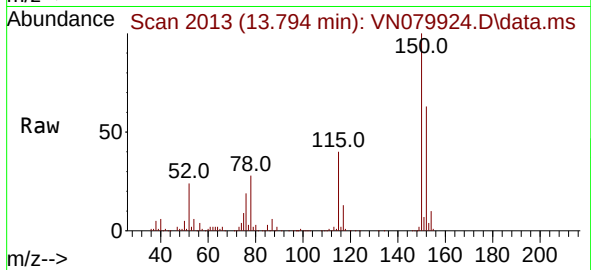
Tgt Ion: 117 Resp: 549890
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079924.D
 Acq: 06 Nov 2023 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#07



Tgt Ion:152 Resp: 206396
 Ion Ratio Lower Upper
 152 100
 115 63.4 32.3 96.8
 150 156.9 0.0 355.8

