

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079920.D
 Acq On : 06 Nov 2023 14:10
 Operator : JC\MD
 Sample : PB156885ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB156885ZHE#03

Quant Time: Nov 07 04:47:22 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)

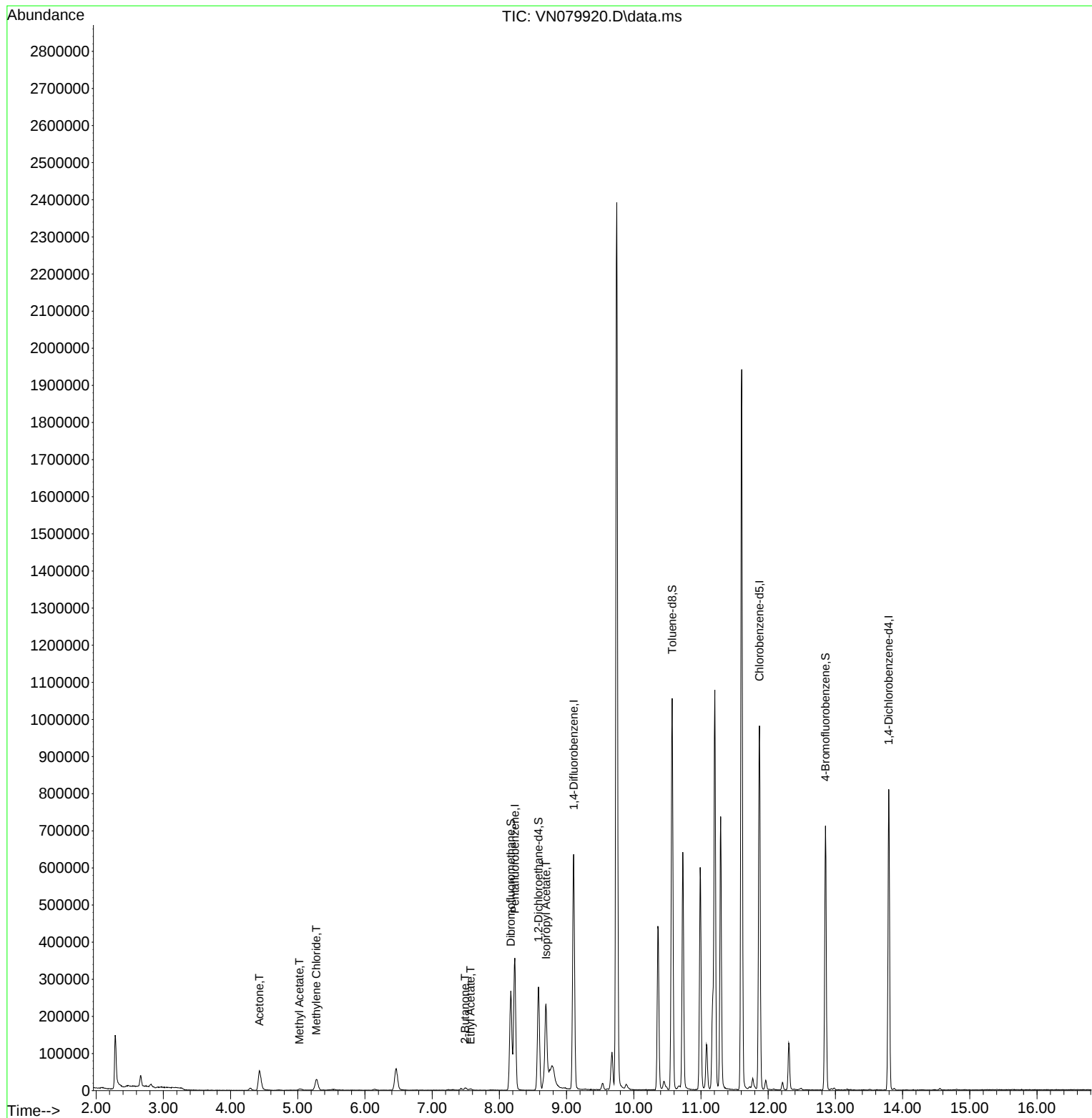
Internal Standards						
1) Pentafluorobenzene	8.229	168	244010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	519797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	556359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	202587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	226234	60.855	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.720%	
35) Dibromofluoromethane	8.171	113	187802	51.048	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	10.570	98	698683	51.588	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.180%	
62) 4-Bromofluorobenzene	12.853	95	235703	52.476	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	102133	78.213	ug/l	91
18) Methyl Acetate	5.024	43	7472	1.196	ug/l #	82
20) Methylene Chloride	5.277	84	22161	6.726	ug/l #	80
25) 2-Butanone	7.488	43	10696	5.594	ug/l #	83
37) Ethyl Acetate	7.571	43	6303	1.308	ug/l #	77
43) Isopropyl Acetate	8.694	43	280248	33.172	ug/l #	76

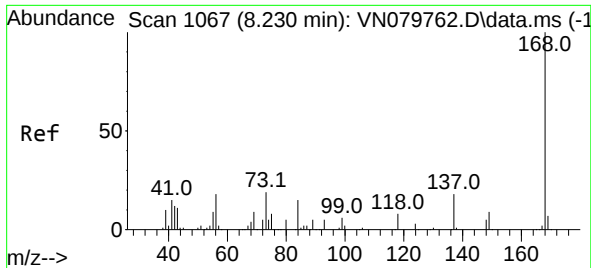
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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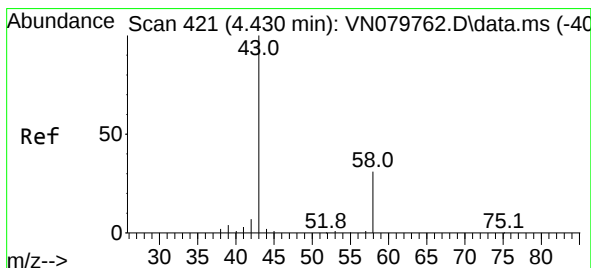
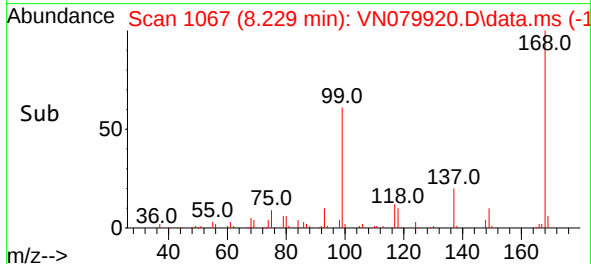
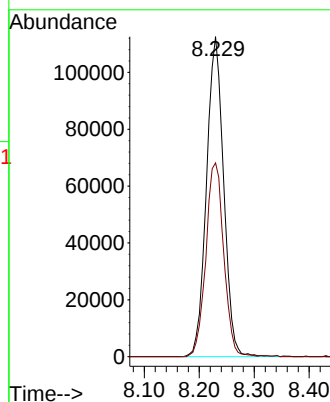
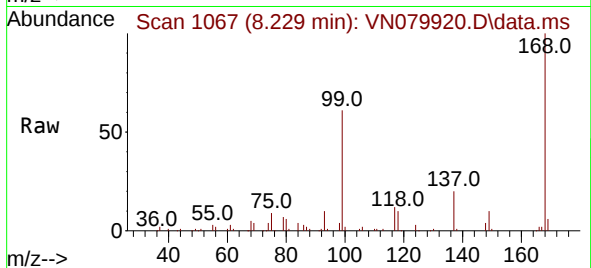




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

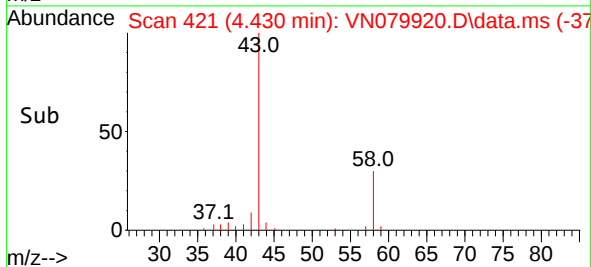
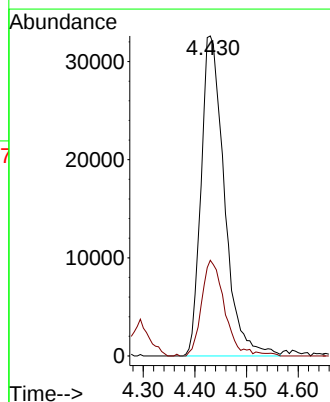
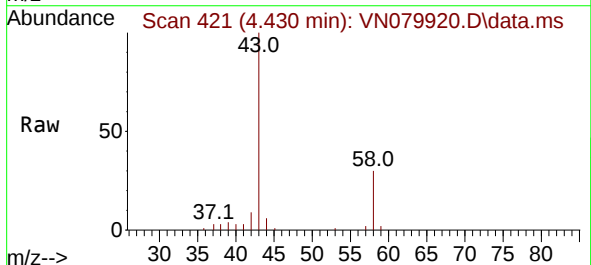
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#03

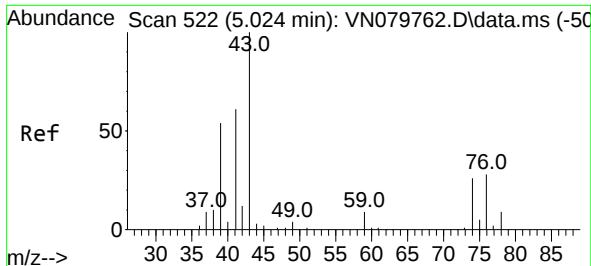
Tgt Ion:168 Resp: 244010
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6



#16
Acetone
Concen: 78.213 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

Tgt Ion: 43 Resp: 102133
Ion Ratio Lower Upper
43 100
58 29.9 28.0 42.0

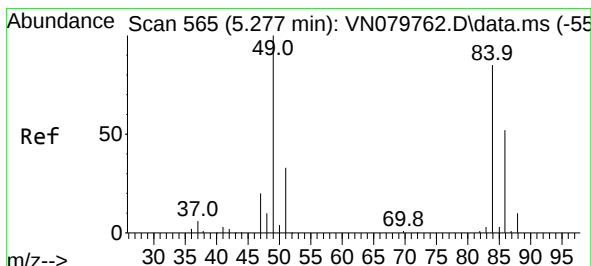
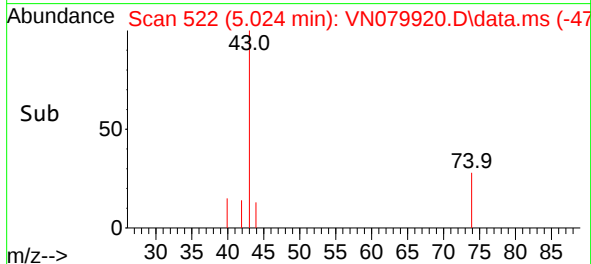
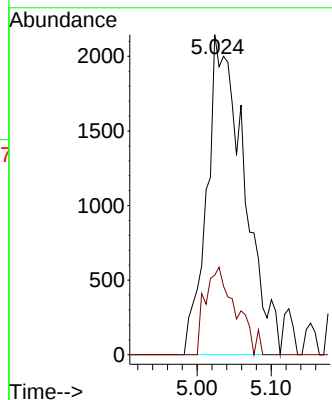
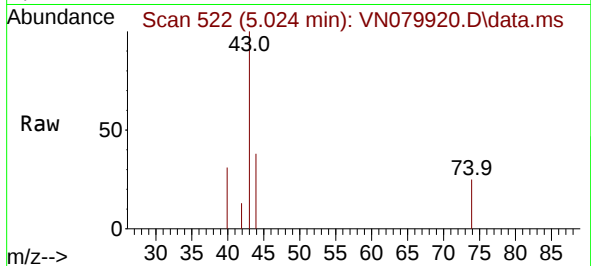




#18
Methyl Acetate
Concen: 1.196 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

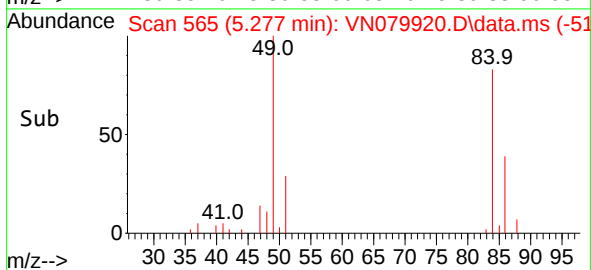
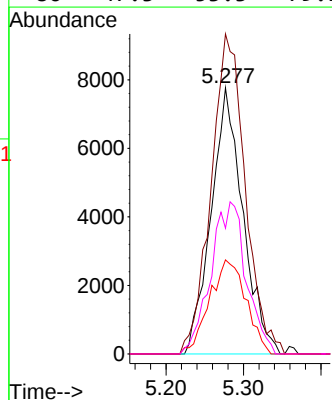
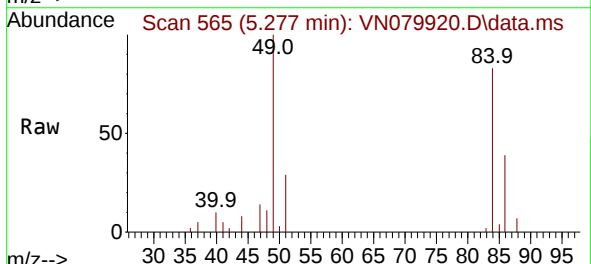
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#03

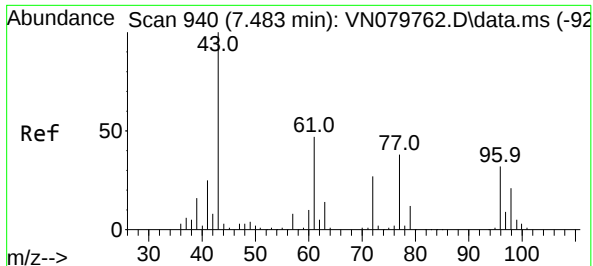
Tgt Ion: 43 Resp: 7472
Ion Ratio Lower Upper
43 100
74 22.5 26.2 39.4#



#20
Methylene Chloride
Concen: 6.726 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

Tgt Ion: 84 Resp: 22161
Ion Ratio Lower Upper
84 100
49 120.3 79.7 119.5#
51 35.4 25.2 37.8
86 47.3 53.3 79.9#

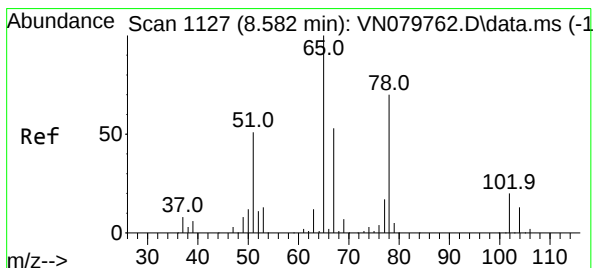
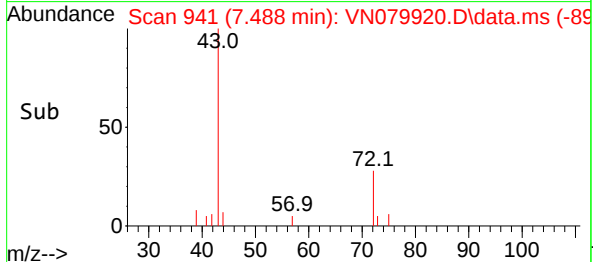
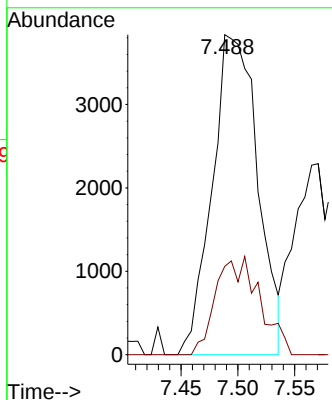
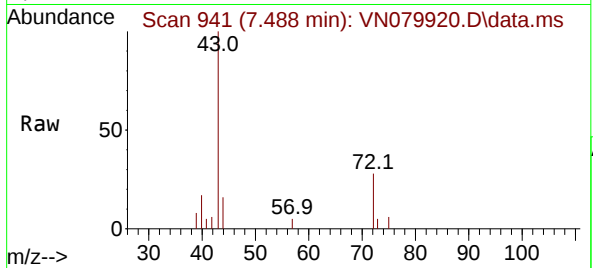




#25
2-Butanone
Concen: 5.594 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

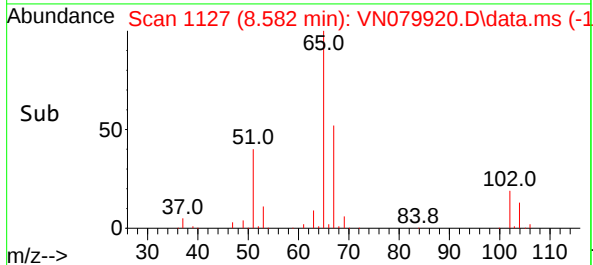
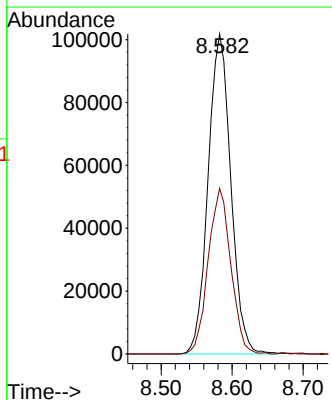
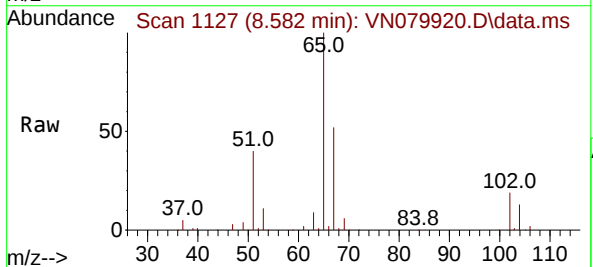
Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#03

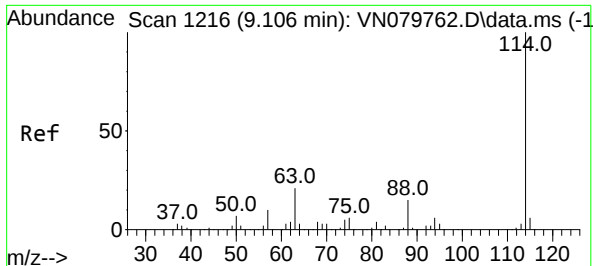
Tgt Ion: 43 Resp: 10696
Ion Ratio Lower Upper
43 100
72 27.6 30.2 45.2#



#33
1,2-Dichloroethane-d4
Concen: 60.855 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

Tgt Ion: 65 Resp: 226234
Ion Ratio Lower Upper
65 100
67 51.4 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: VN079920.D

Acq: 06 Nov 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#03

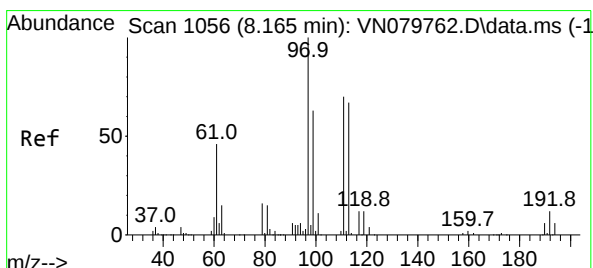
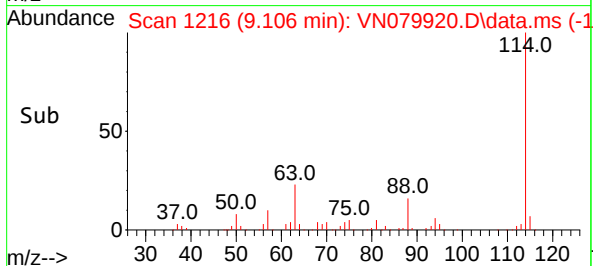
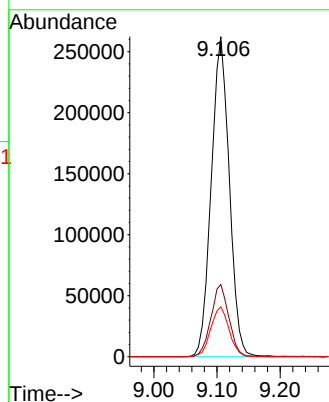
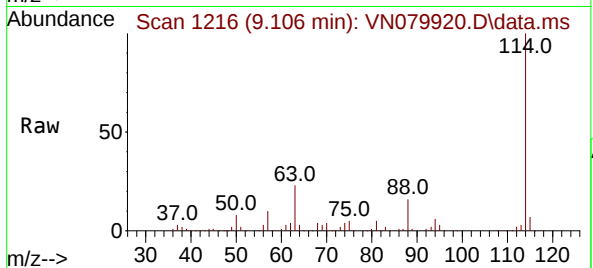
Tgt Ion:114 Resp: 519797

Ion Ratio Lower Upper

114 100

63 22.6 0.0 36.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.048 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079920.D

Acq: 06 Nov 2023 14:10

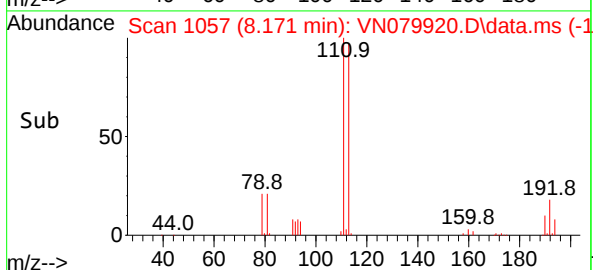
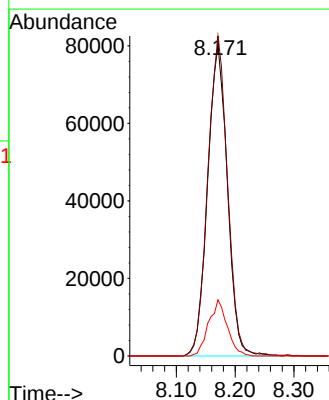
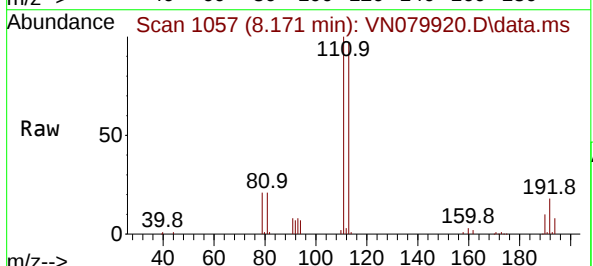
Tgt Ion:113 Resp: 187802

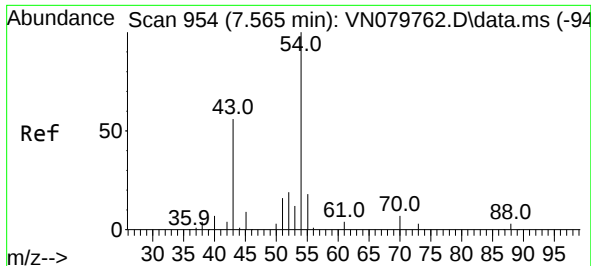
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 1.308 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079920.D

Acq: 06 Nov 2023 14:10

Instrument :

MSVOA_N

ClientSampleId :

PB156885ZHE#03

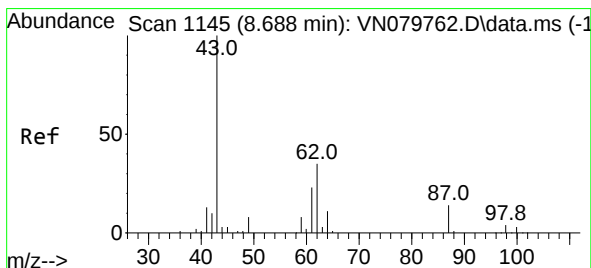
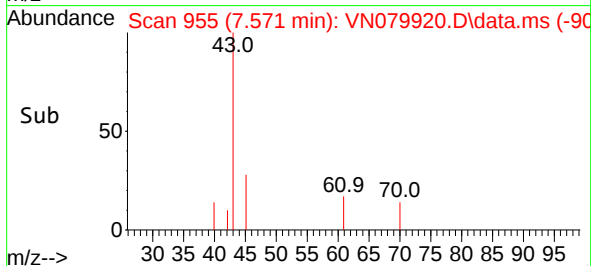
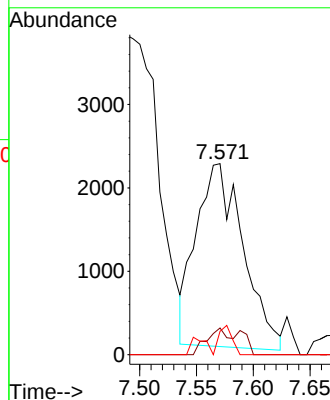
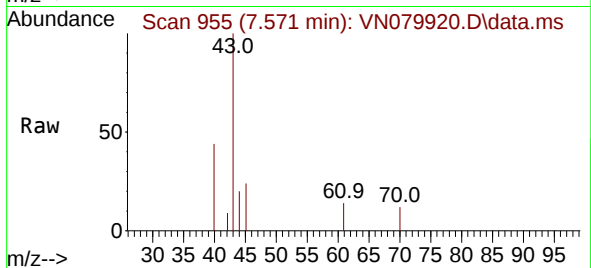
Tgt Ion: 43 Resp: 6303

Ion Ratio Lower Upper

43 100

61 7.2 13.2 19.8#

70 4.5 11.3 16.9#



#43

Isopropyl Acetate

Concen: 33.172 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079920.D

Acq: 06 Nov 2023 14:10

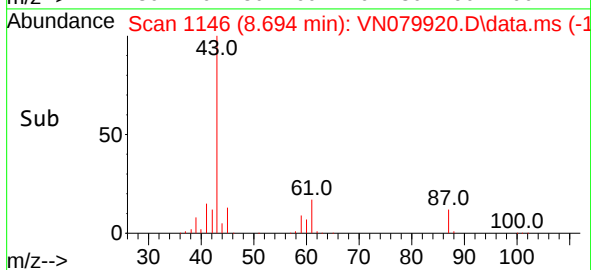
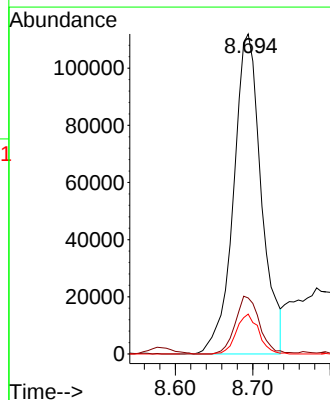
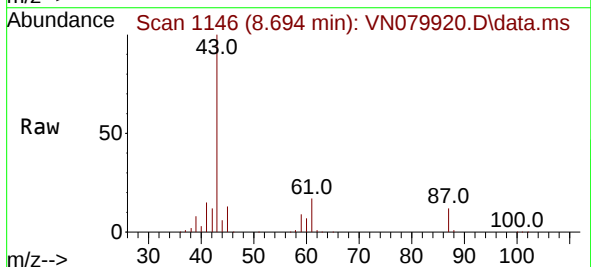
Tgt Ion: 43 Resp: 280248

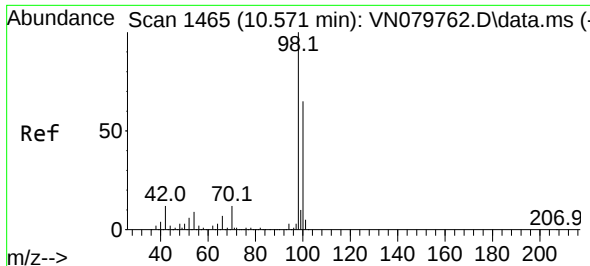
Ion Ratio Lower Upper

43 100

61 15.7 24.7 37.1#

87 10.0 14.6 21.8#

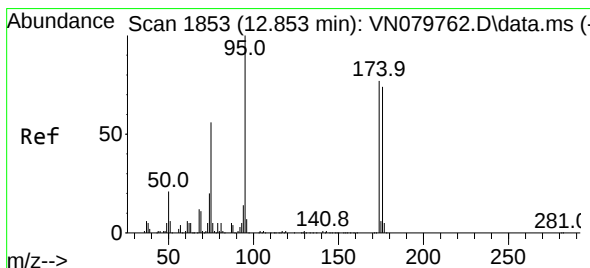
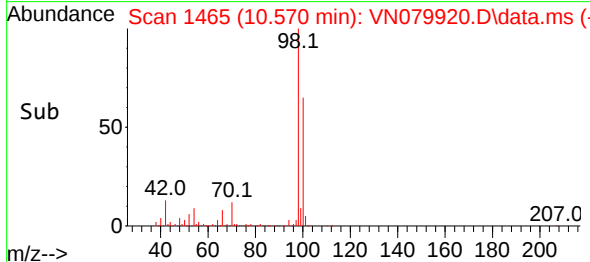
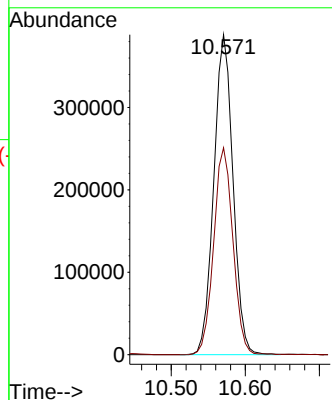
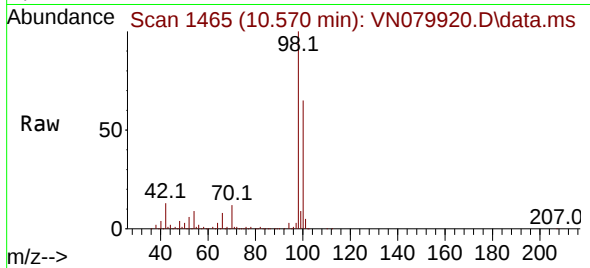




#50
Toluene-d8
Concen: 51.588 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

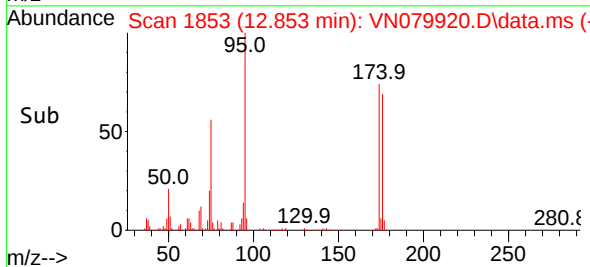
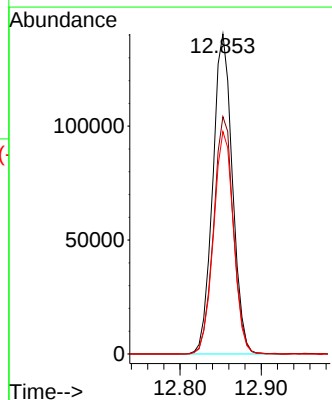
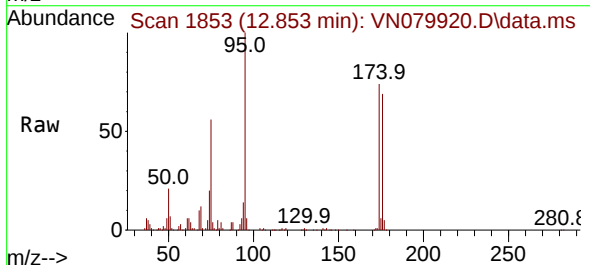
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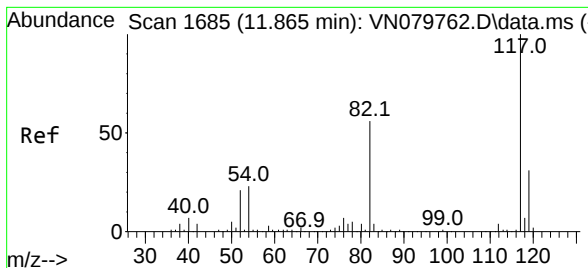
Tgt Ion: 98 Resp: 698683
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 52.476 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

Tgt Ion: 95 Resp: 235703
Ion Ratio Lower Upper
95 100
174 74.9 0.0 143.8
176 70.6 0.0 135.8

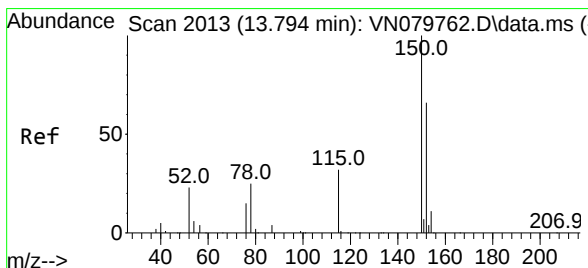
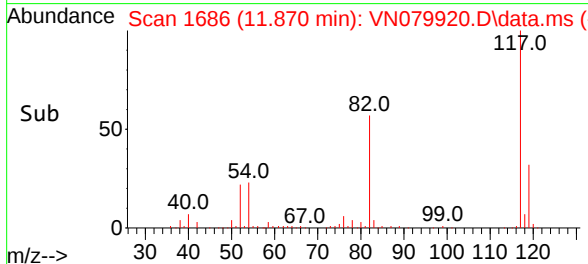
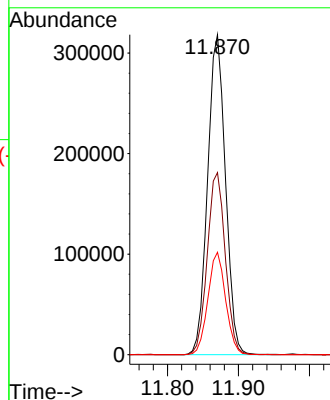
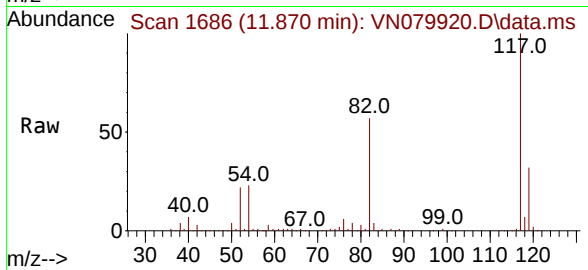




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079920.D
Acq: 06 Nov 2023 14:10

Instrument :
MSVOA_N
ClientSampleId :
PB156885ZHE#03

Tgt Ion:117 Resp: 556359
Ion Ratio Lower Upper
117 100
82 56.9 44.0 66.0
119 32.0 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: VN079920.D
Acq: 06 Nov 2023 14:10

Tgt Ion:152 Resp: 202587
Ion Ratio Lower Upper
152 100
115 63.1 32.3 96.8
150 156.7 0.0 355.8

