

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080029.D
 Acq On : 09 Nov 2023 18:10
 Operator : JC\MD
 Sample : 05279-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Nov 10 00:39:00 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)

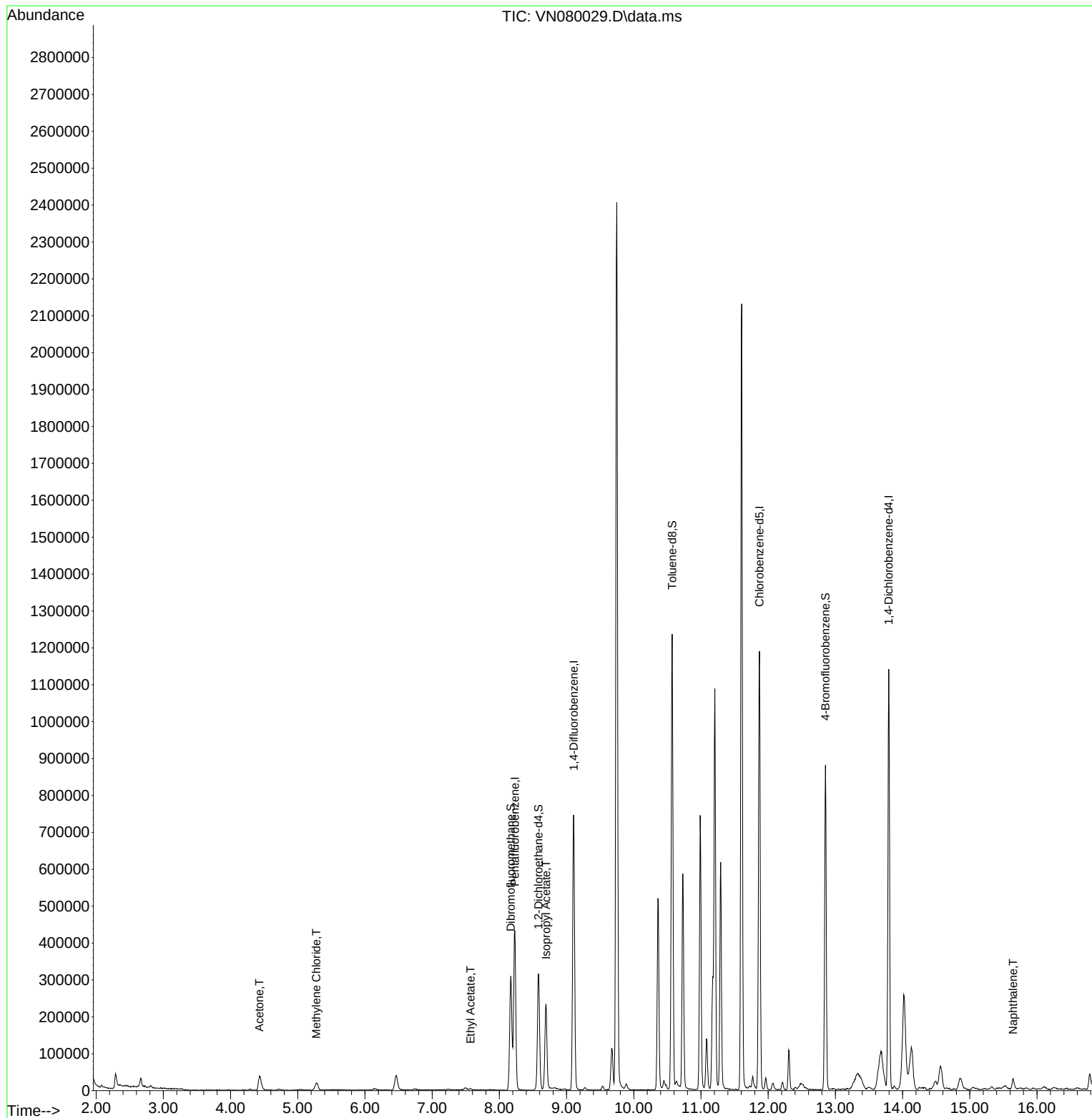
Internal Standards						
1) Pentafluorobenzene	8.229	168	303842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	620093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	679273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	298844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	260806	56.340	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.680%	
35) Dibromofluoromethane	8.171	113	220143	50.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.320%	
50) Toluene-d8	10.571	98	823607	50.976	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.960%	
62) 4-Bromofluorobenzene	12.853	95	306723	57.242	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.480%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	74054	45.543	ug/l	100
20) Methylene Chloride	5.277	84	15677	3.821	ug/l	91
37) Ethyl Acetate	7.571	43	5746	1.000	ug/l #	90
43) Isopropyl Acetate	8.694	43	257536	25.553	ug/l #	83
95) Naphthalene	15.647	128	20826	1.324	ug/l #	95

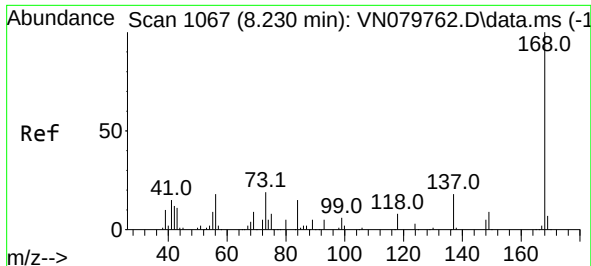
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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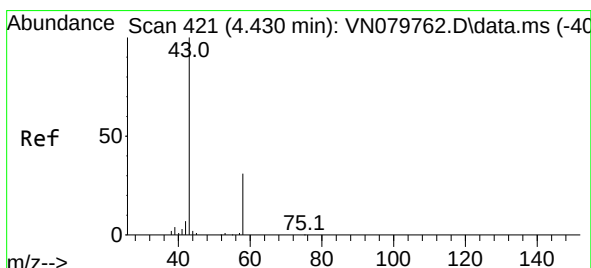
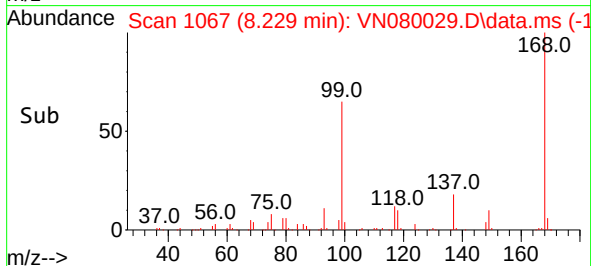
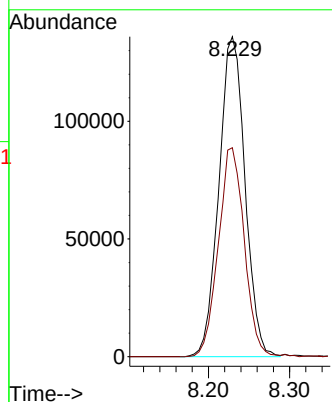
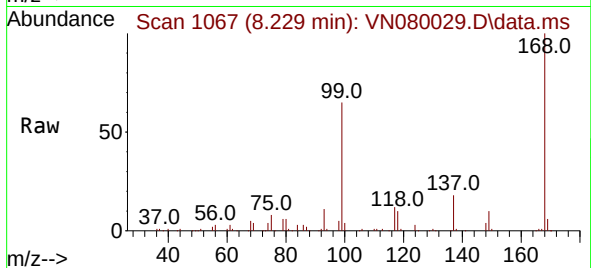




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

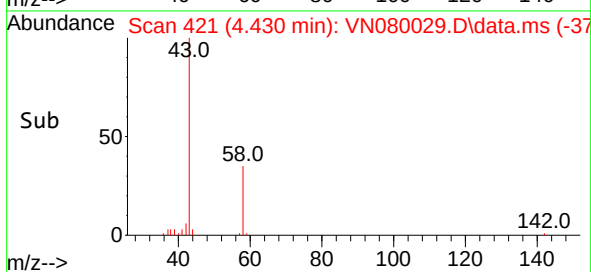
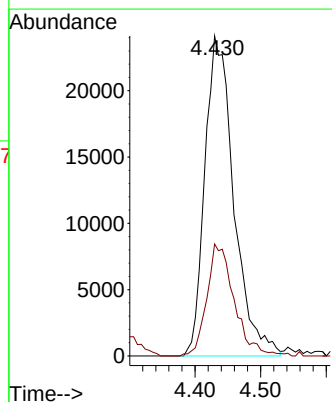
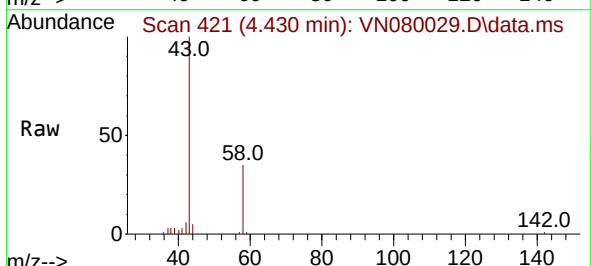
Instrument :
MSVOA_N
ClientSampleId :
TP-1

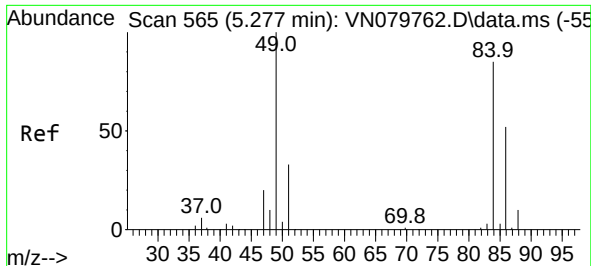
Tgt Ion:168 Resp: 303842
Ion Ratio Lower Upper
168 100
99 65.3 53.0 79.6



#16
Acetone
Concen: 45.543 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

Tgt Ion: 43 Resp: 74054
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

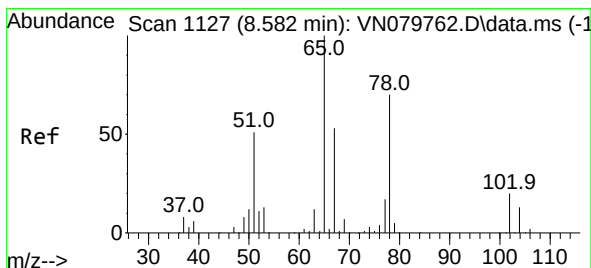
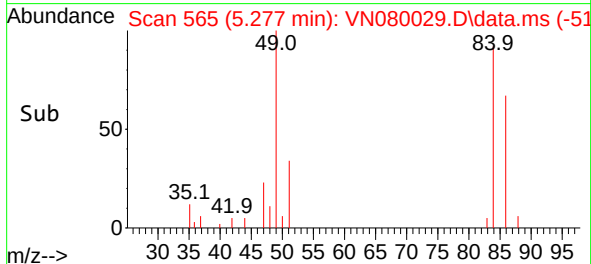
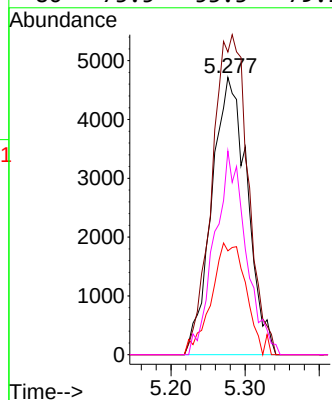
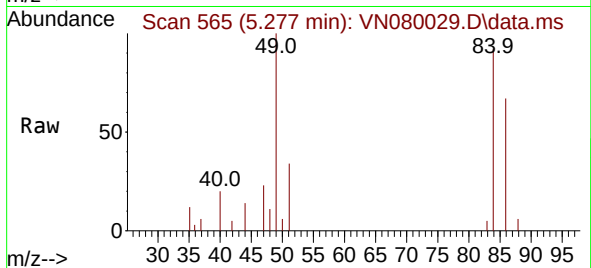




#20
Methylene Chloride
Concen: 3.821 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

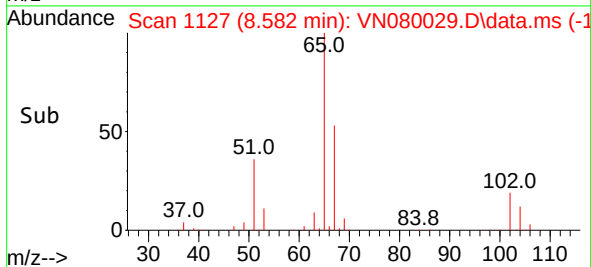
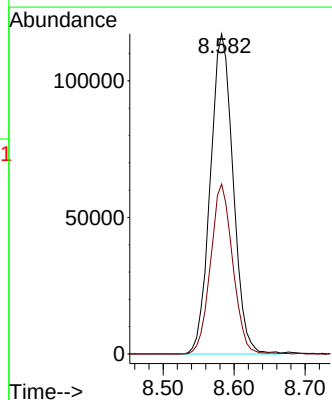
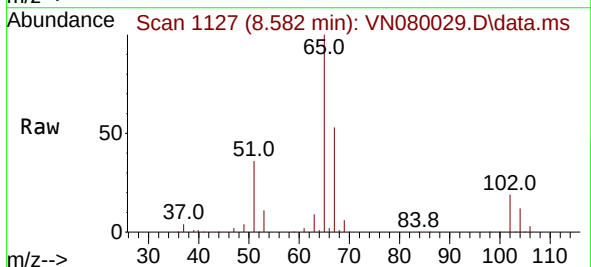
Instrument :
MSVOA_N
ClientSampleId :
TP-1

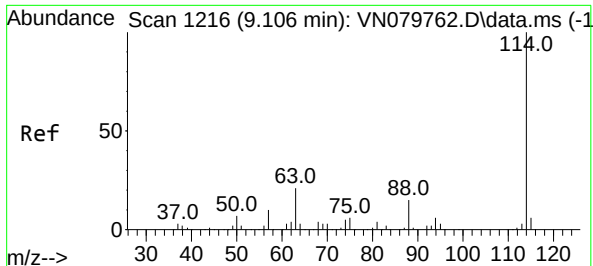
Tgt Ion: 84	Resp: 15677
Ion Ratio	Lower Upper
84 100	
49 109.1	79.7 119.5
51 37.4	25.2 37.8
86 73.5	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 56.340 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

Tgt Ion: 65	Resp: 260806
Ion Ratio	Lower Upper
65 100	
67 51.7	0.0 106.6

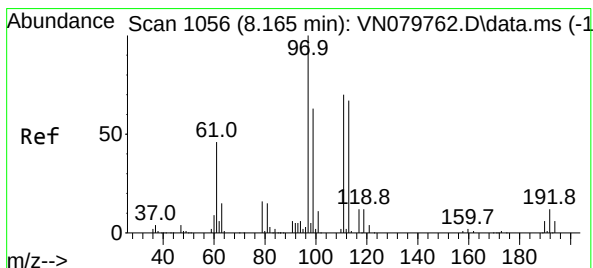
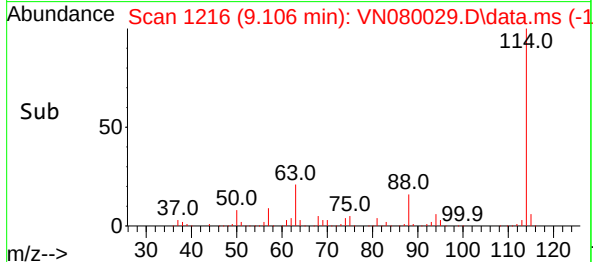
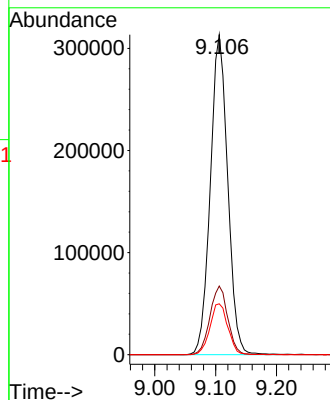
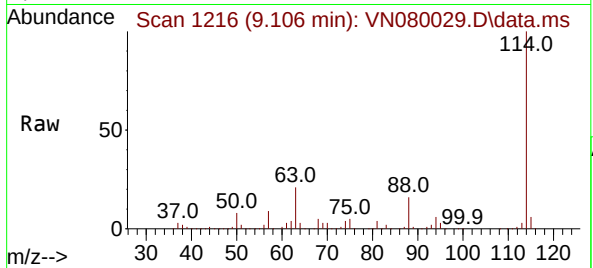




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

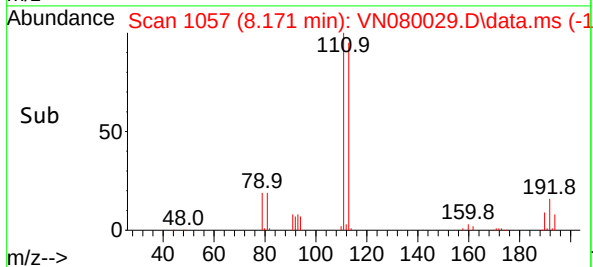
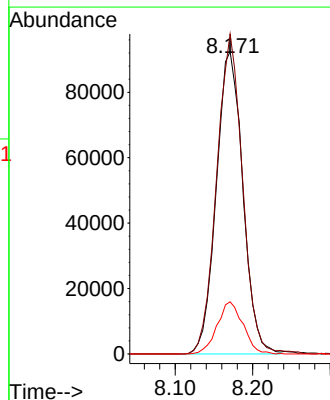
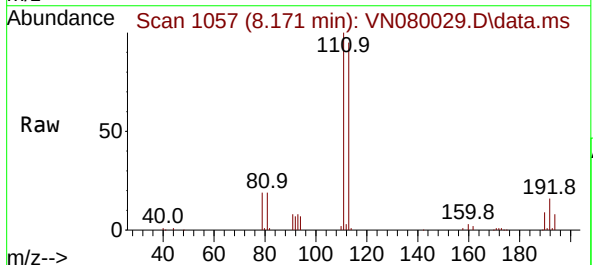
Instrument :
MSVOA_N
ClientSampleId :
TP-1

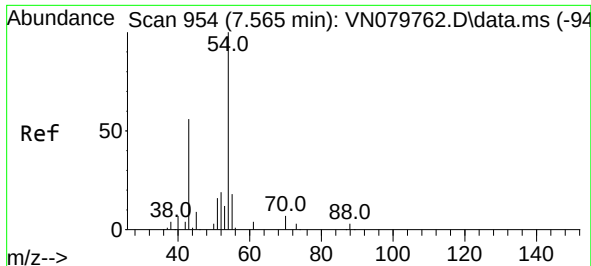
Tgt Ion:114 Resp: 620093
Ion Ratio Lower Upper
114 100
63 21.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.161 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

Tgt Ion:113 Resp: 220143
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 16.8 12.7 19.1





#37

Ethyl Acetate

Concen: 1.000 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080029.D

Acq: 09 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

TP-1

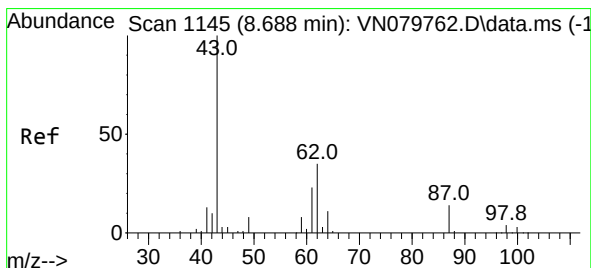
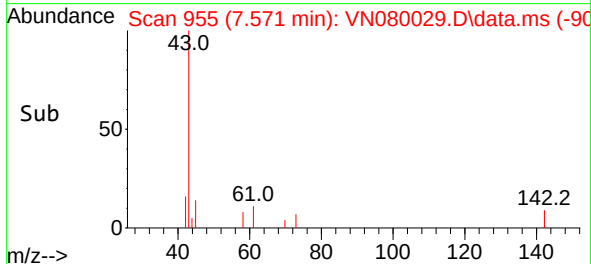
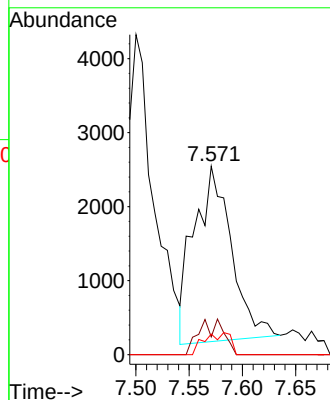
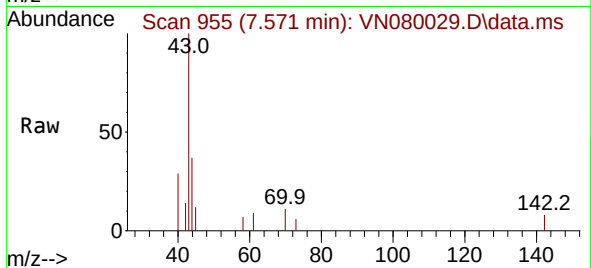
Tgt Ion: 43 Resp: 5746

Ion Ratio Lower Upper

43 100

61 13.3 13.2 19.8

70 8.8 11.3 16.9#



#43

Isopropyl Acetate

Concen: 25.553 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080029.D

Acq: 09 Nov 2023 18:10

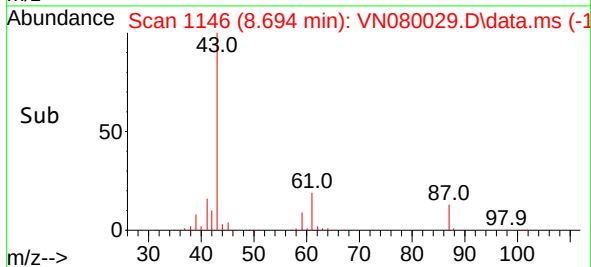
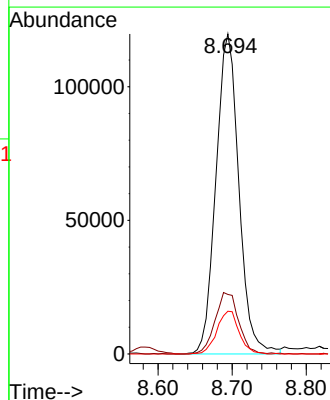
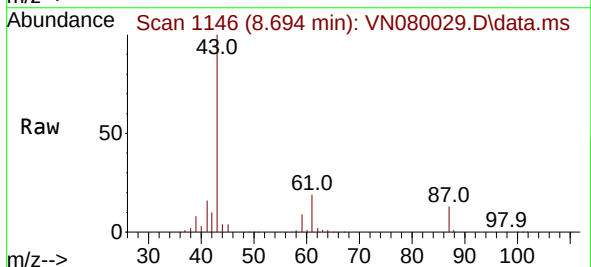
Tgt Ion: 43 Resp: 257536

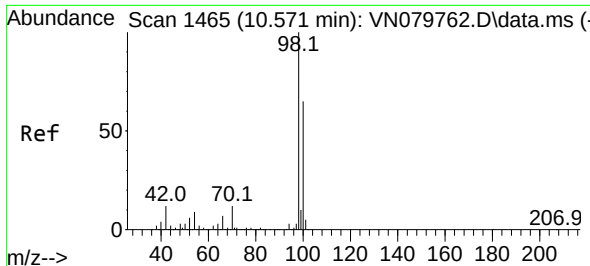
Ion Ratio Lower Upper

43 100

61 19.7 24.7 37.1#

87 13.0 14.6 21.8#

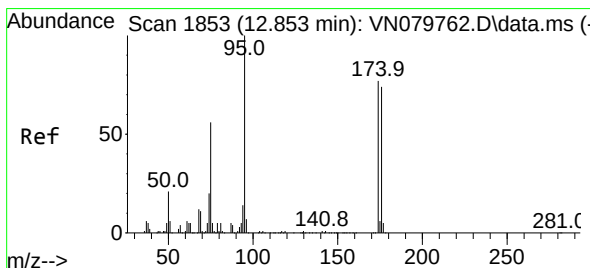
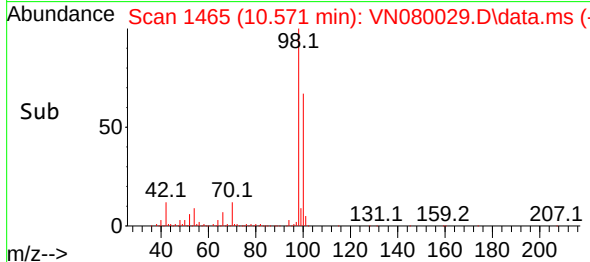
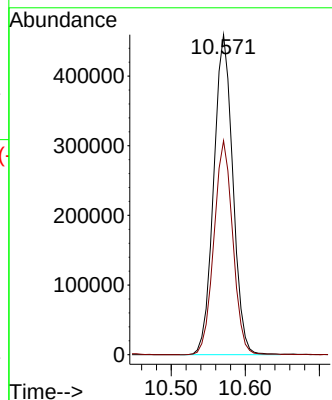
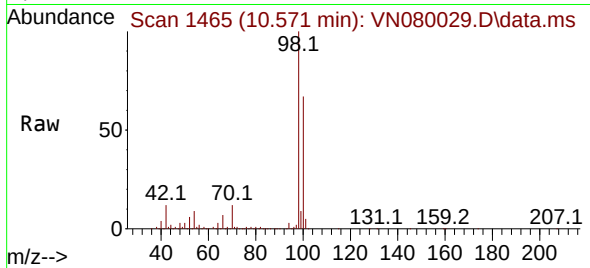




#50
Toluene-d8
Concen: 50.976 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

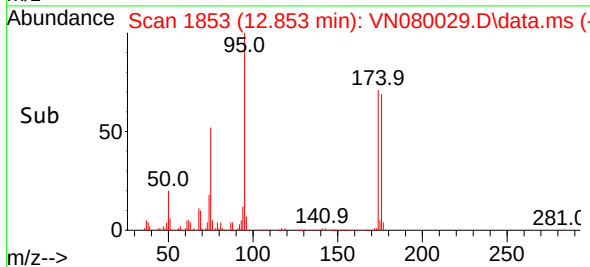
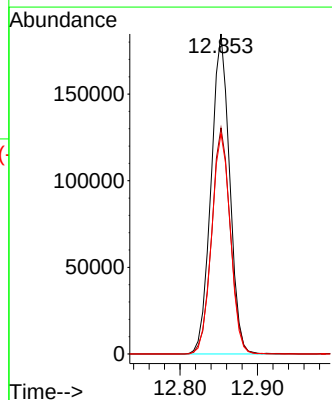
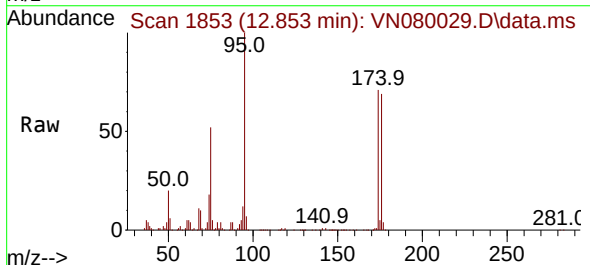
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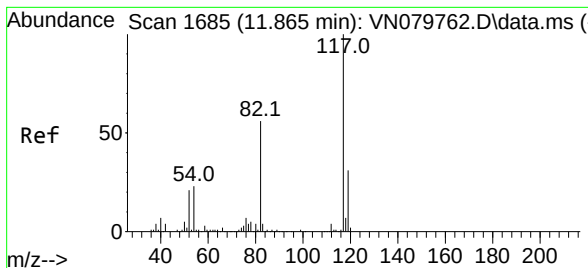
Tgt Ion: 98 Resp: 823607
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 57.242 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080029.D
Acq: 09 Nov 2023 18:10

Tgt Ion: 95 Resp: 306723
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 69.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080029.D

Acq: 09 Nov 2023 18:10

Instrument :

MSVOA_N

ClientSampleId :

TP-1

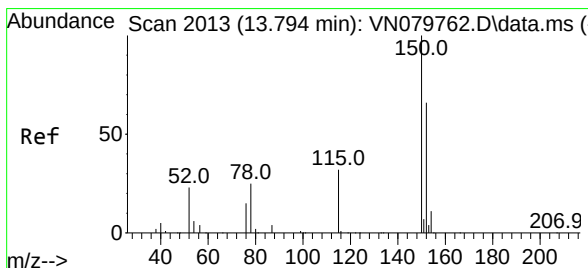
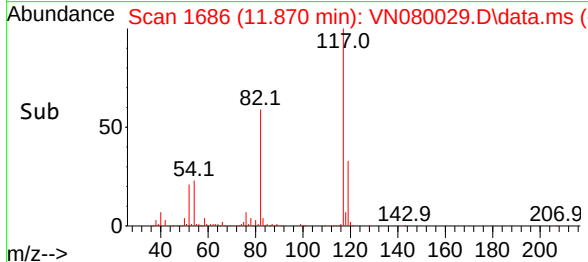
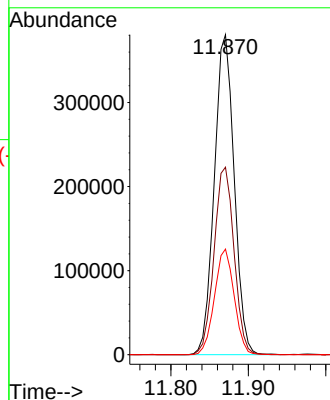
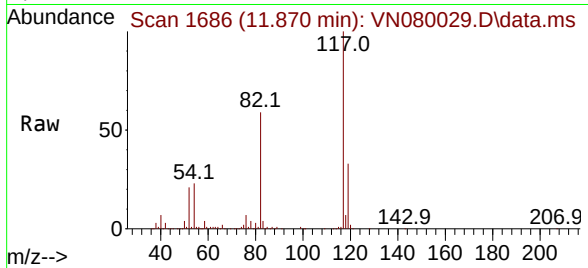
Tgt Ion:117 Resp: 679273

Ion Ratio Lower Upper

117 100

82 58.6 44.0 66.0

119 33.0 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: VN080029.D

Acq: 09 Nov 2023 18:10

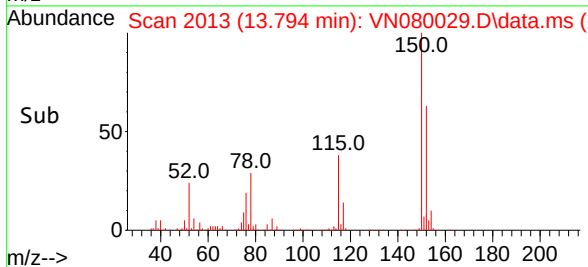
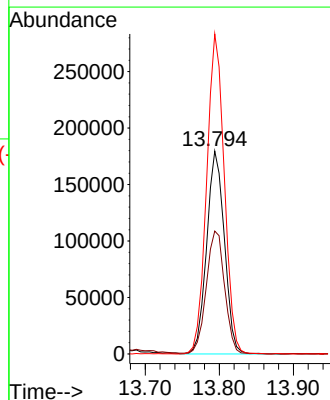
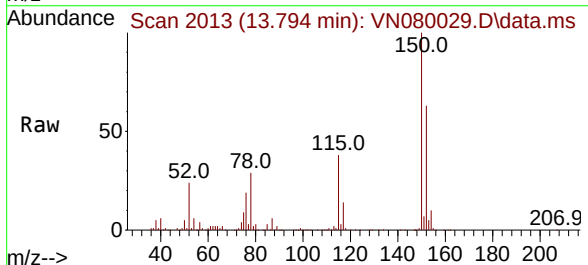
Tgt Ion:152 Resp: 298844

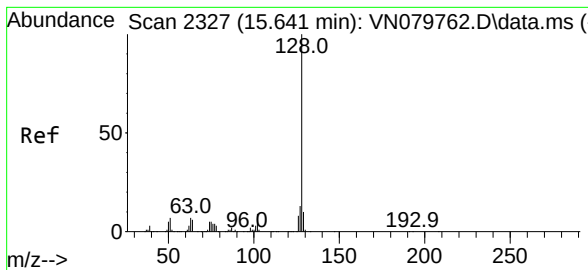
Ion Ratio Lower Upper

152 100

115 62.9 32.3 96.8

150 156.8 0.0 355.8





#95
 Naphthalene
 Concen: 1.324 ug/l
 RT: 15.647 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN080029.D
 Acq: 09 Nov 2023 18:10

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Tgt Ion:	128	Resp:	20826
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.0	15.0
129	14.0	8.7	13.1#

