

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110623\
 Data File : VN079946.D
 Acq On : 07 Nov 2023 05:18
 Operator : JC\MD
 Sample : 05256-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-10

Quant Time: Nov 07 06:54:54 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)

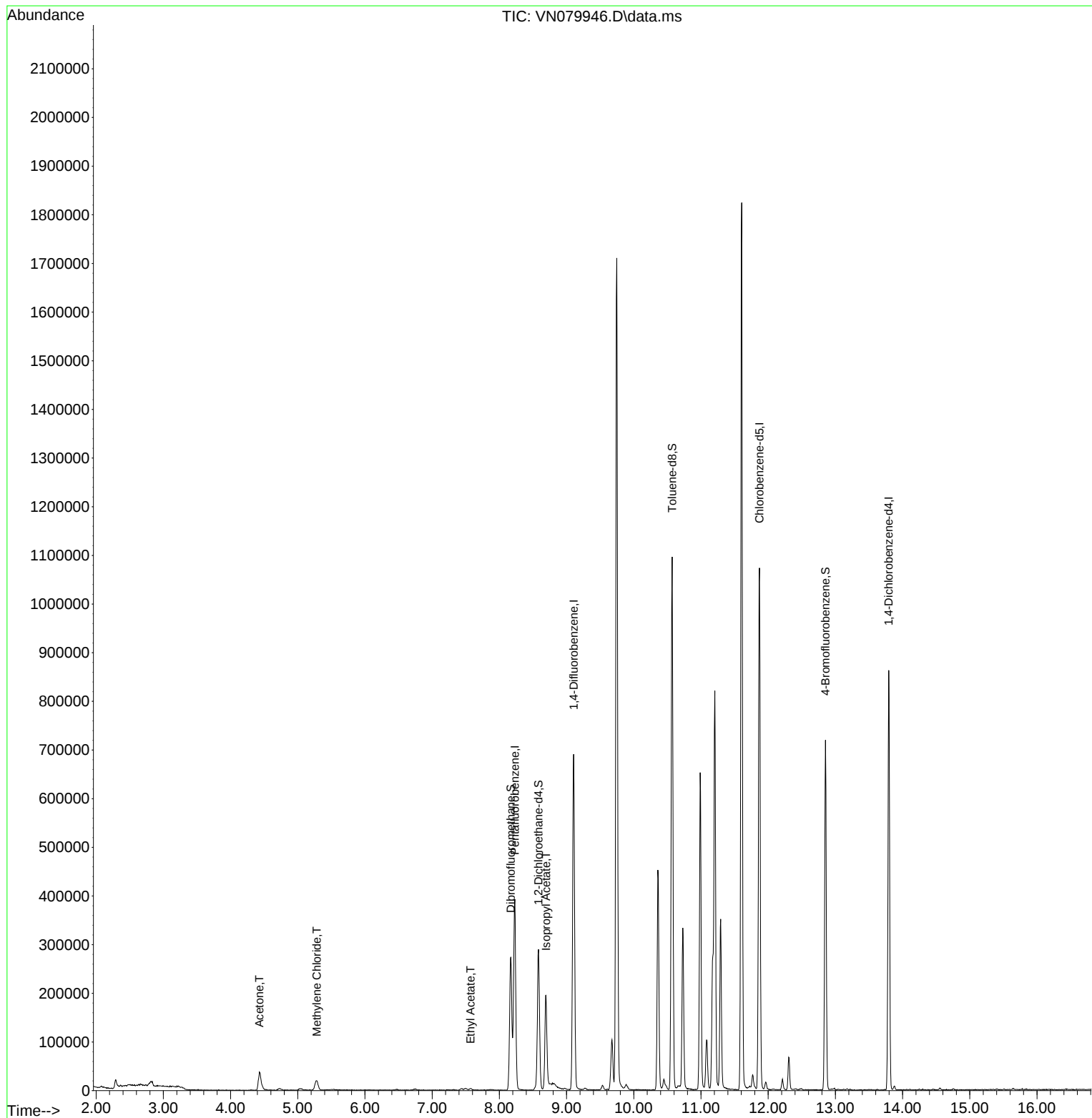
Internal Standards						
1) Pentafluorobenzene	8.230	168	271745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	571071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	608697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222001	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	236532	57.132	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.260%
35) Dibromofluoromethane	8.171	113	197341	48.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.640%
50) Toluene-d8	10.571	98	732736	49.245	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.500%
62) 4-Bromofluorobenzene	12.853	95	242050	49.050	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.100%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	69881	48.053	ug/l #	88
20) Methylene Chloride	5.283	84	15622	4.257	ug/l	94
37) Ethyl Acetate	7.571	43	5359	1.013	ug/l #	86
43) Isopropyl Acetate	8.694	43	217068	23.386	ug/l #	80

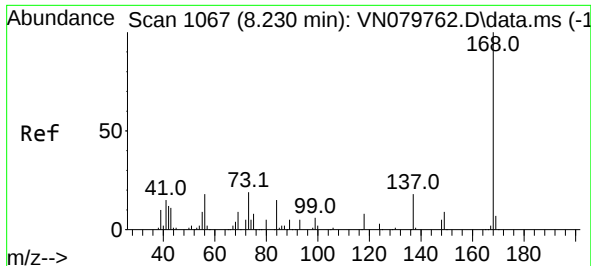
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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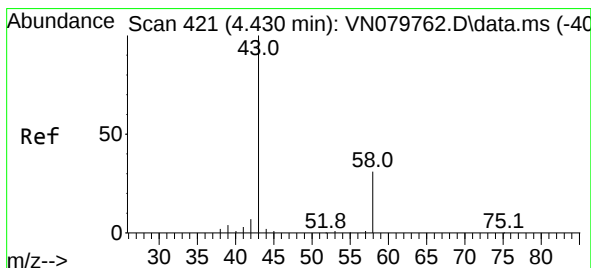
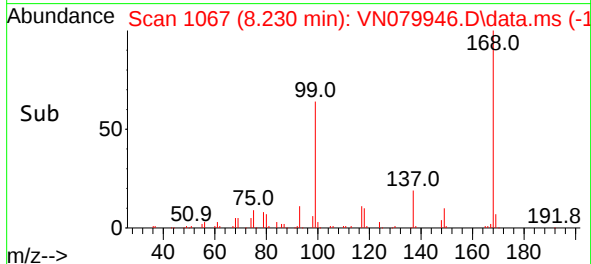
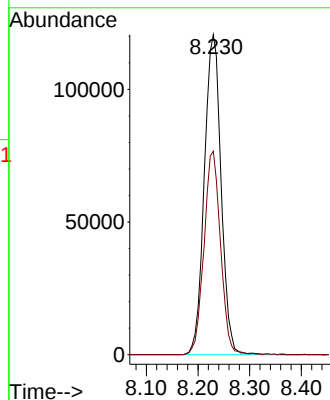
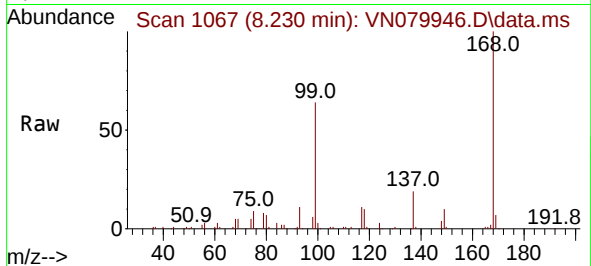




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

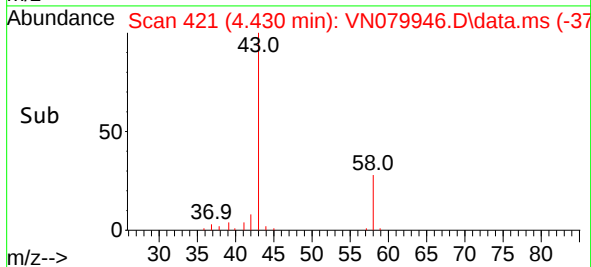
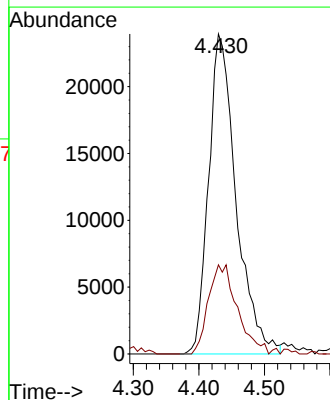
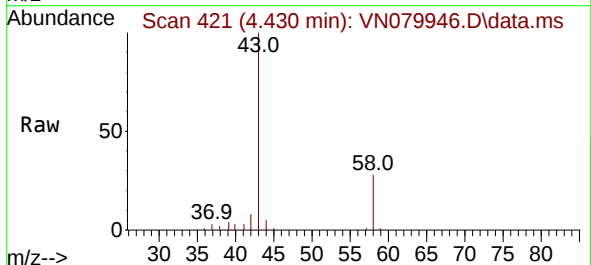
Instrument :
MSVOA_N
ClientSampleId :
WC-10

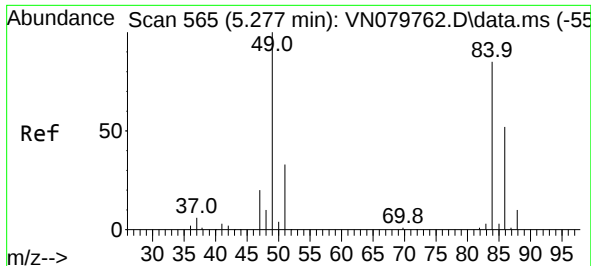
Tgt Ion:168 Resp: 271745
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6



#16
Acetone
Concen: 48.053 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

Tgt Ion: 43 Resp: 69881
Ion Ratio Lower Upper
43 100
58 27.9 28.0 42.0#



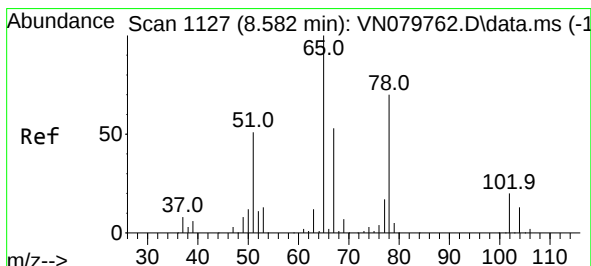
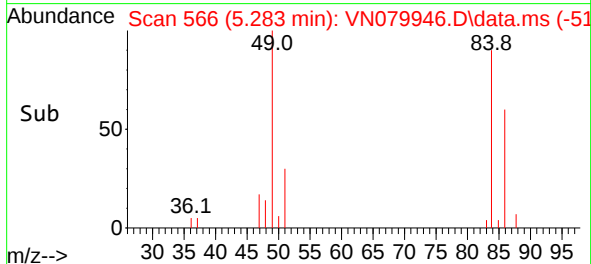
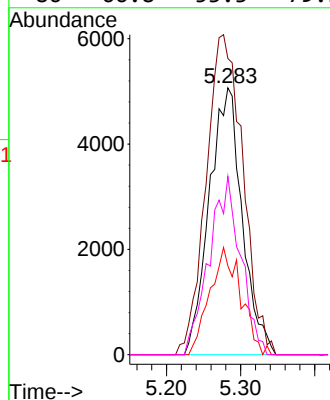
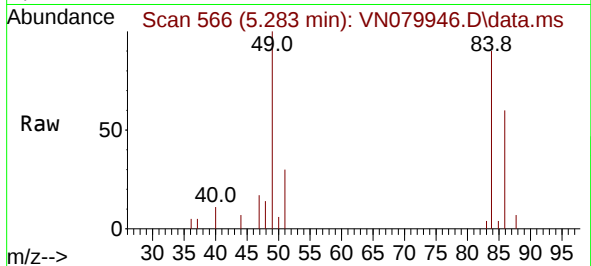


#20
Methylene Chloride
Concen: 4.257 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

Instrument :
MSVOA_N
ClientSampleId :
WC-10

Tgt Ion: 84 Resp: 15622

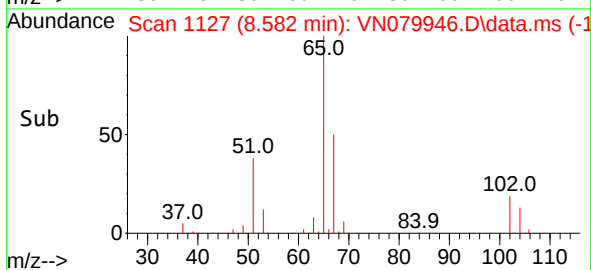
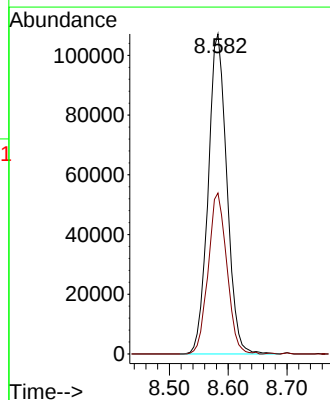
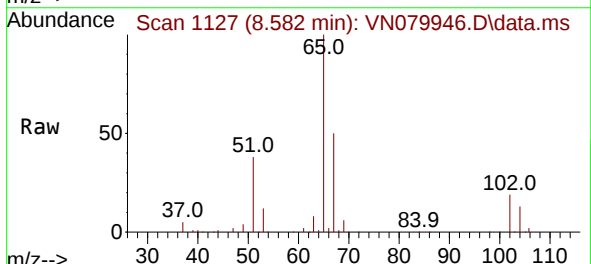
Ion	Ratio	Lower	Upper
84	100		
49	111.0	79.7	119.5
51	33.3	25.2	37.8
86	66.8	53.3	79.9

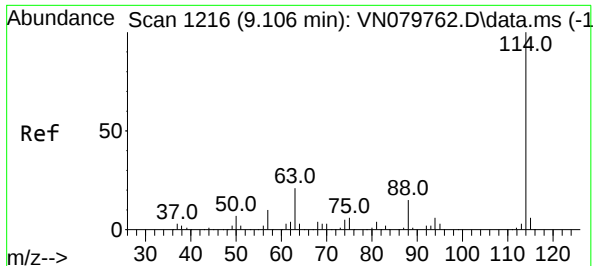


#33
1,2-Dichloroethane-d4
Concen: 57.132 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

Tgt Ion: 65 Resp: 236532

Ion	Ratio	Lower	Upper
65	100		
67	50.1	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: VN079946.D

Acq: 07 Nov 2023 05:18

Instrument :

MSVOA_N

ClientSampleId :

WC-10

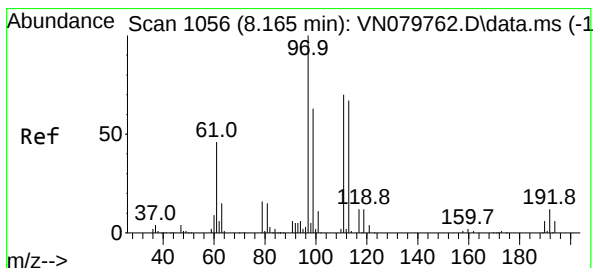
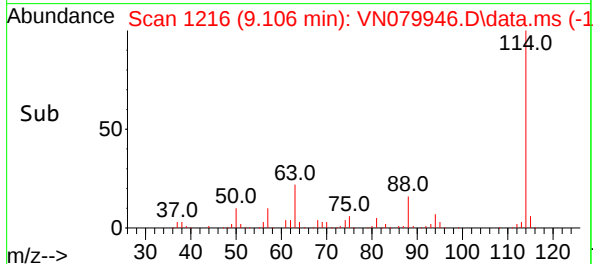
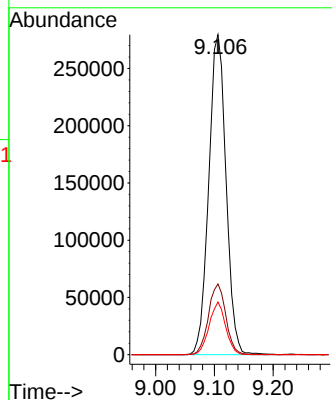
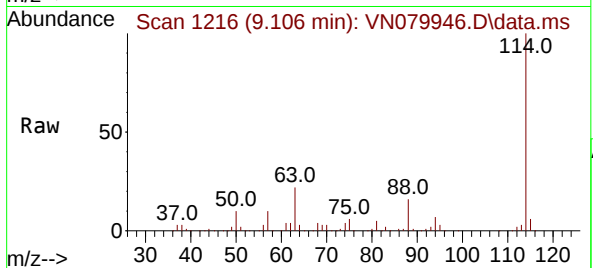
Tgt Ion:114 Resp: 571071

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.825 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079946.D

Acq: 07 Nov 2023 05:18

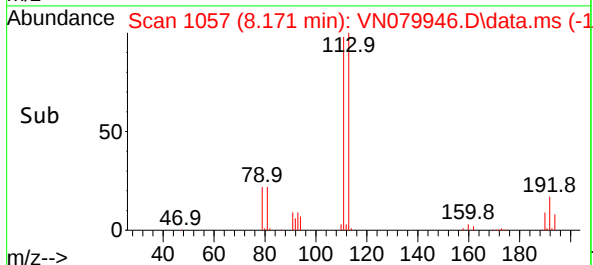
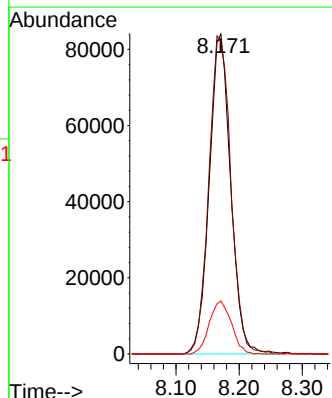
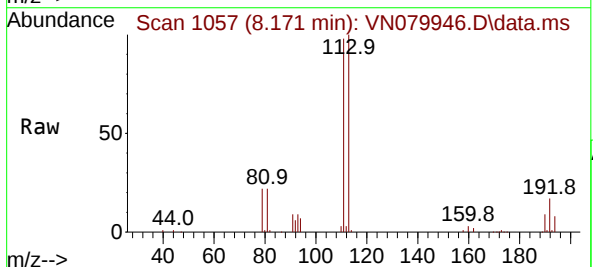
Tgt Ion:113 Resp: 197341

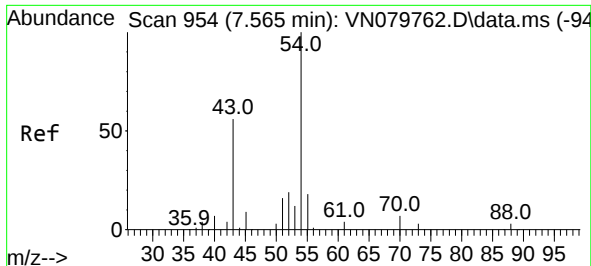
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 17.2 12.7 19.1





#37

Ethyl Acetate

Concen: 1.013 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN079946.D

Acq: 07 Nov 2023 05:18

Instrument :

MSVOA_N

ClientSampleId :

WC-10

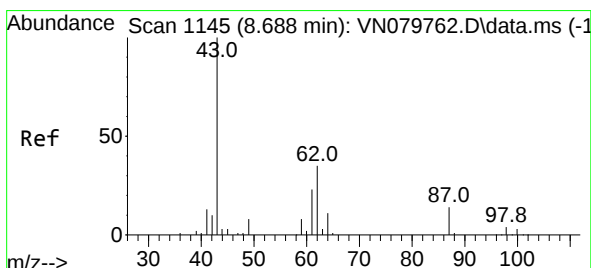
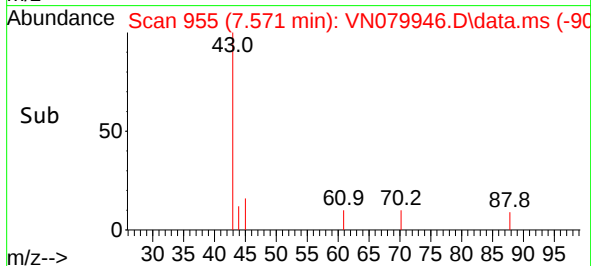
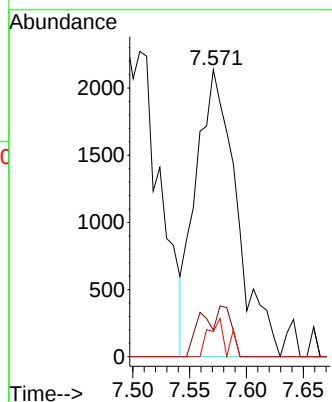
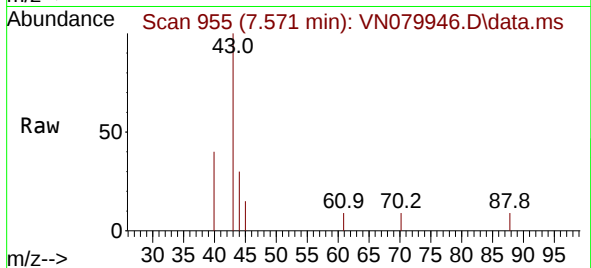
Tgt Ion: 43 Resp: 5359

Ion Ratio Lower Upper

43 100

61 12.6 13.2 19.8#

70 5.8 11.3 16.9#



#43

Isopropyl Acetate

Concen: 23.386 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN079946.D

Acq: 07 Nov 2023 05:18

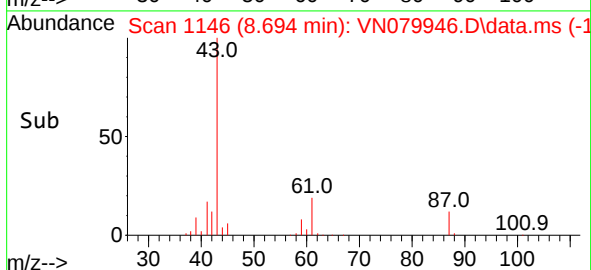
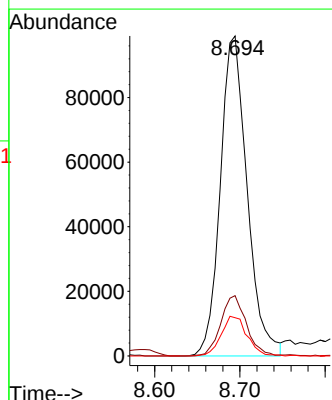
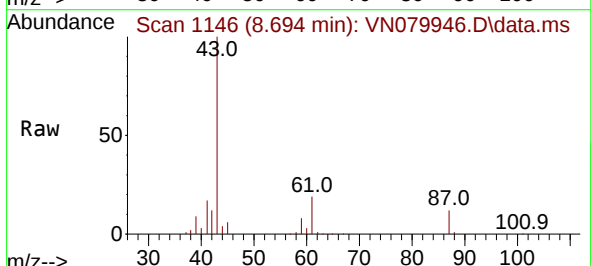
Tgt Ion: 43 Resp: 217068

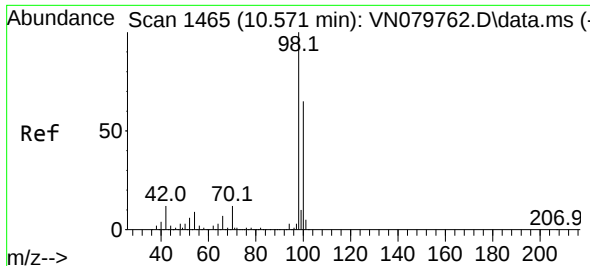
Ion Ratio Lower Upper

43 100

61 18.1 24.7 37.1#

87 11.9 14.6 21.8#

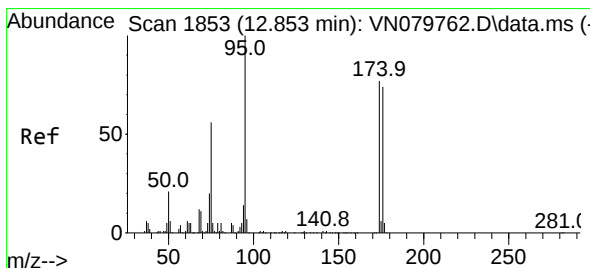
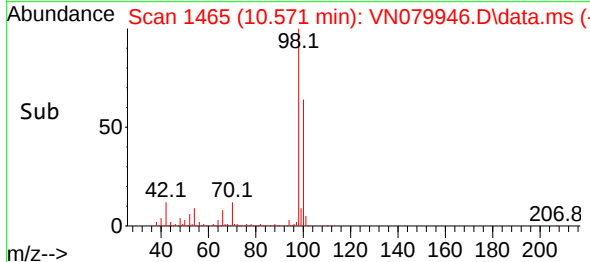
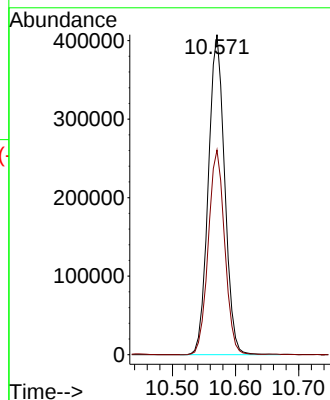
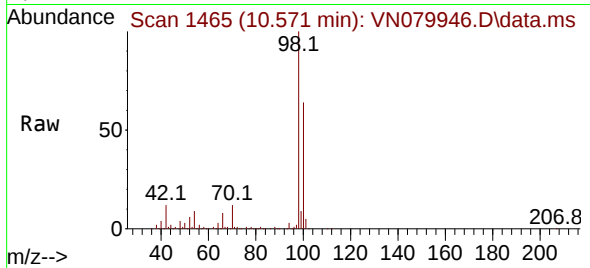




#50
Toluene-d8
Concen: 49.245 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

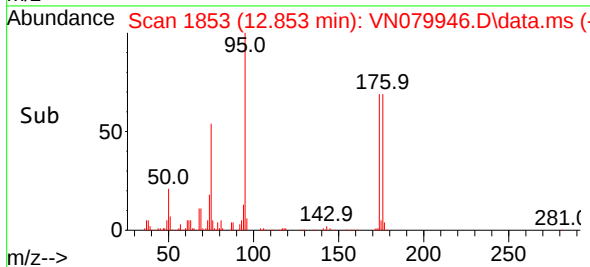
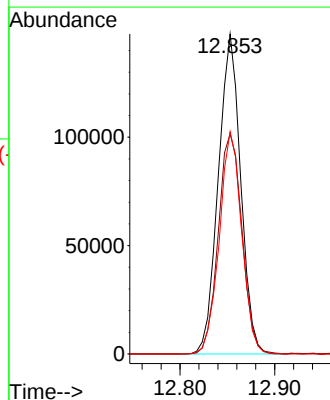
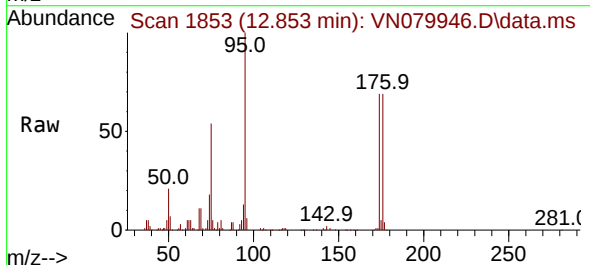
Instrument :
MSVOA_N
ClientSampleId :
WC-10

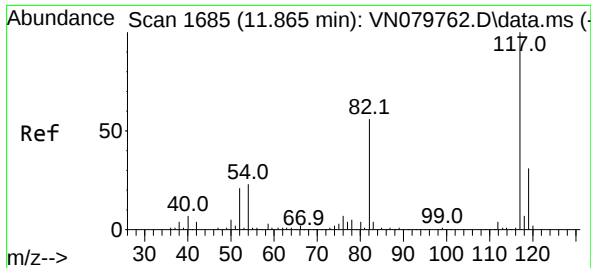
Tgt Ion: 98 Resp: 732736
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.050 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

Tgt Ion: 95 Resp: 242050
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 69.5 0.0 135.8

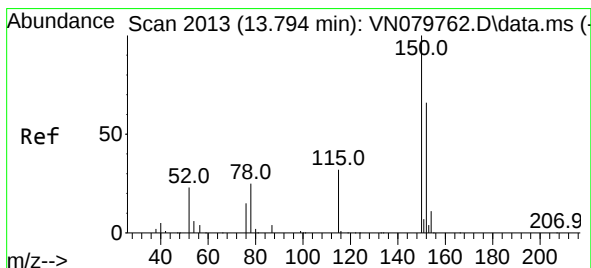
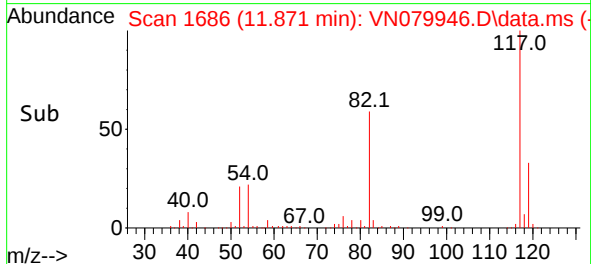
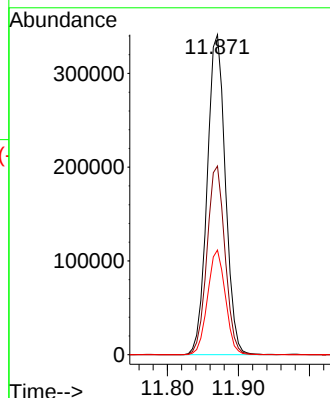
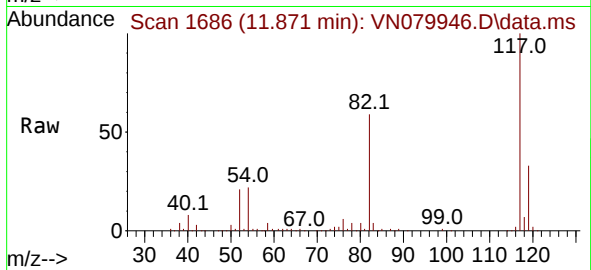




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079946.D
Acq: 07 Nov 2023 05:18

Instrument :
MSVOA_N
ClientSampleId :
WC-10

Tgt Ion:117 Resp: 608697
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.7 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: VN079946.D
Acq: 07 Nov 2023 05:18

Tgt Ion:152 Resp: 222001
Ion Ratio Lower Upper
152 100
115 61.9 32.3 96.8
150 156.8 0.0 355.8

