

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077836.D
 Acq On : 24 May 2023 03:26
 Operator : JC\MD
 Sample : 02891-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 290-328

Quant Time: May 24 05:59:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

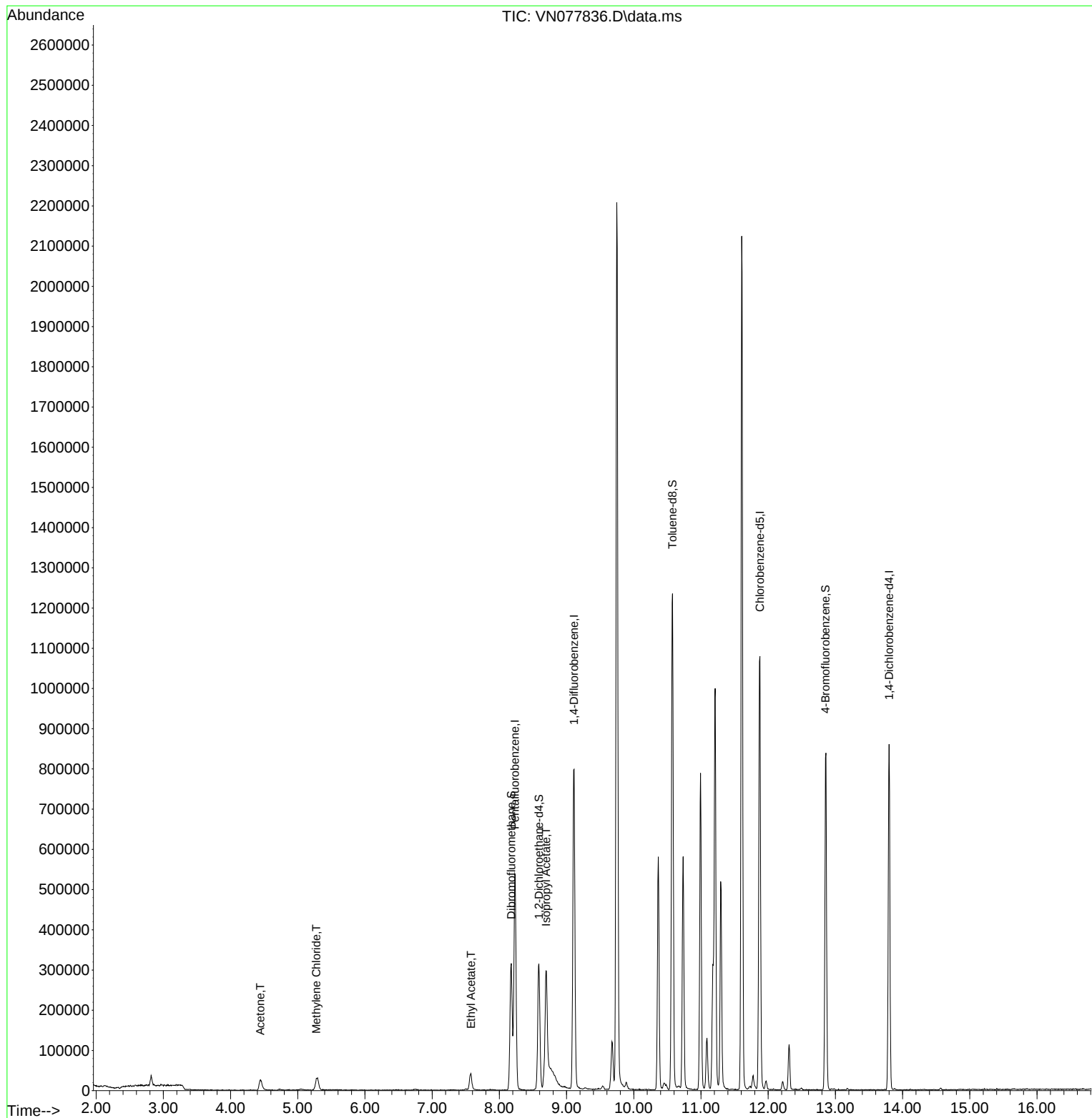
Internal Standards						
1) Pentafluorobenzene	8.229	168	387765	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	733023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.876	117	659862	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	260867	44.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.920%
35) Dibromofluoromethane	8.177	113	229672	48.049	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.100%
50) Toluene-d8	10.576	98	909108	49.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.853	95	300252	46.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.420%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	51312	28.110	ug/l	90
20) Methylene Chloride	5.277	84	25581	3.549	ug/l	90
37) Ethyl Acetate	7.577	43	63789	10.237	ug/l #	94
43) Isopropyl Acetate	8.694	43	482160	47.370	ug/l #	70

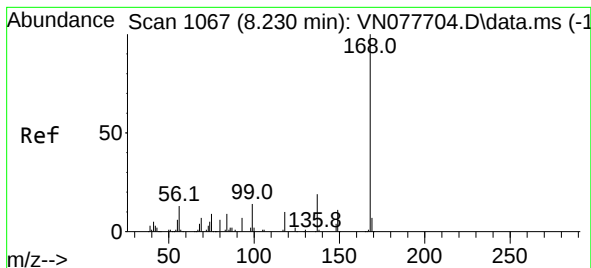
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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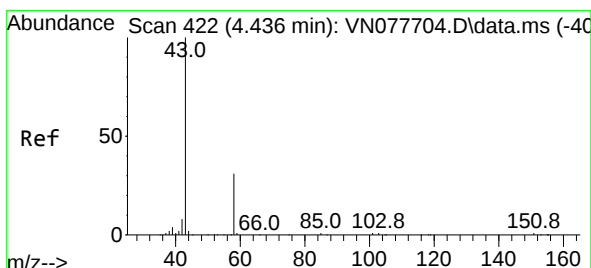
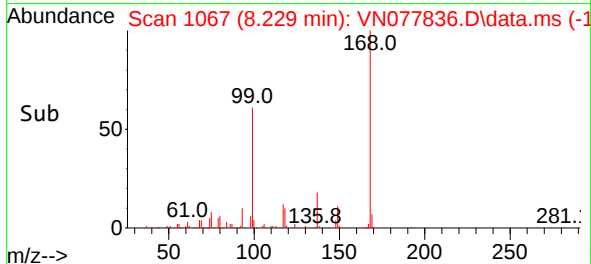
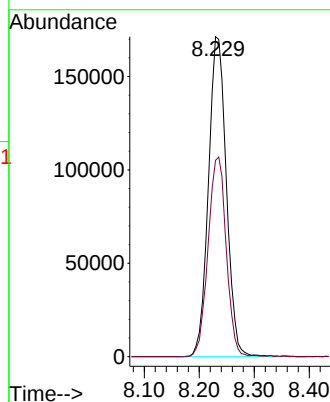
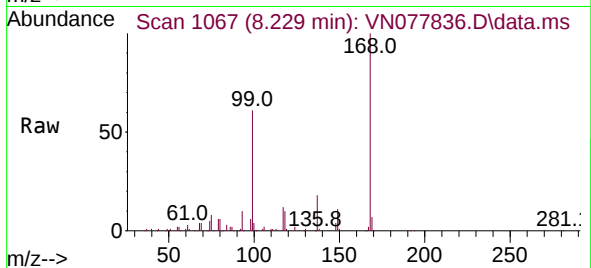




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

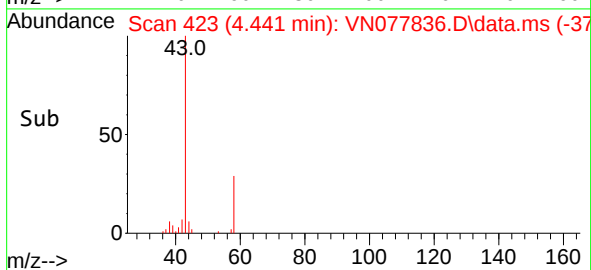
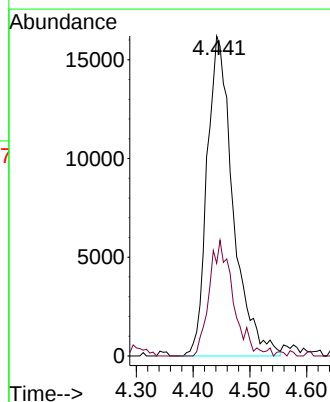
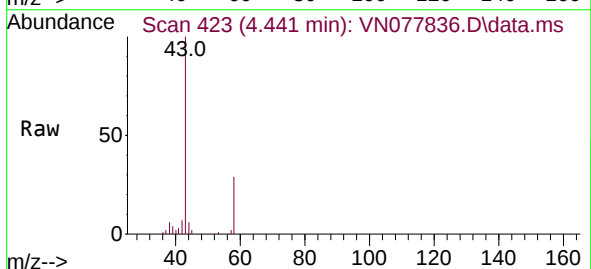
Instrument :
MSVOA_N
ClientSampleId :
290-328

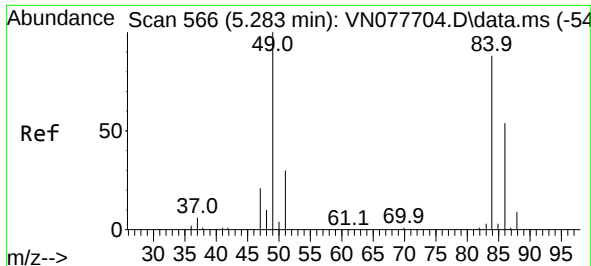
Tgt Ion:168 Resp: 387765
Ion Ratio Lower Upper
168 100
99 61.3 53.0 79.6



#16
Acetone
Concen: 28.110 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

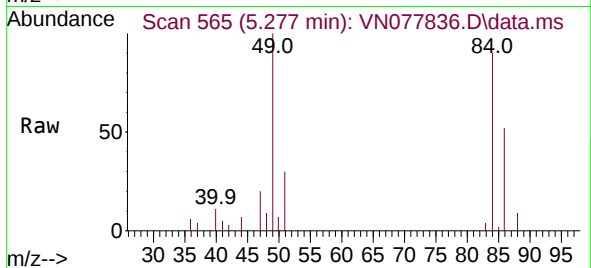
Tgt Ion: 43 Resp: 51312
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0



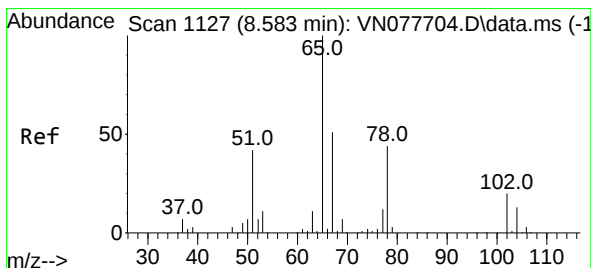
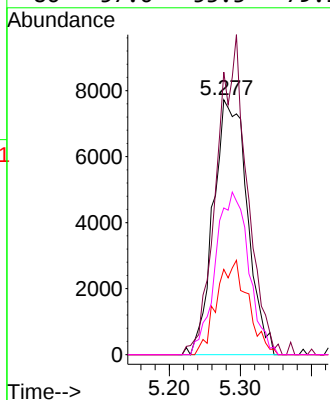
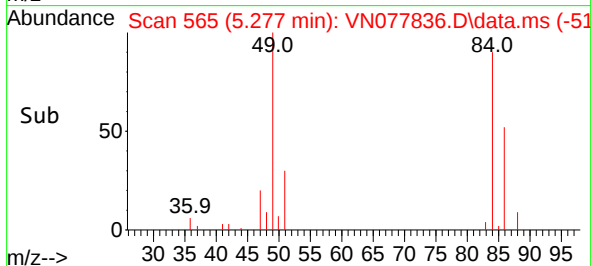


#20
Methylene Chloride
Concen: 3.549 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

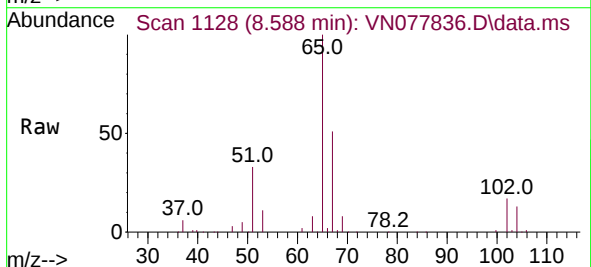
Instrument :
MSVOA_N
ClientSampleId :
290-328



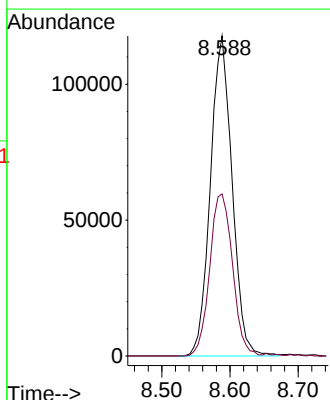
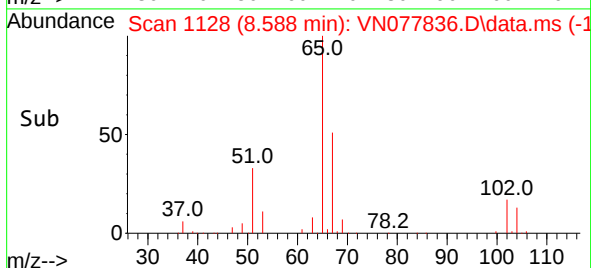
Tgt Ion:	84	Resp:	25581
Ion	Ratio	Lower	Upper
84	100		
49	110.9	79.7	119.5
51	33.4	25.2	37.8
86	57.6	53.3	79.9

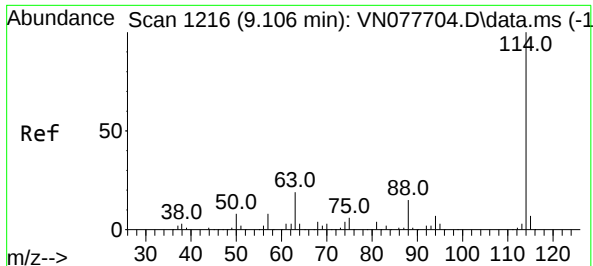


#33
1,2-Dichloroethane-d4
Concen: 44.962 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26



Tgt Ion:	65	Resp:	260867
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077836.D

Acq: 24 May 2023 03:26

Instrument :

MSVOA_N

ClientSampleId :

290-328

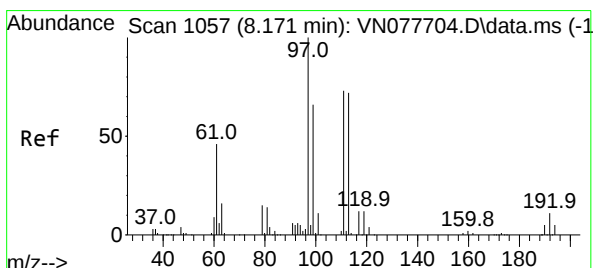
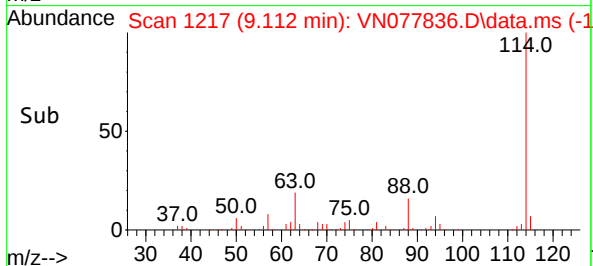
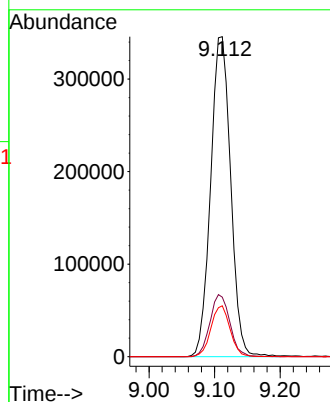
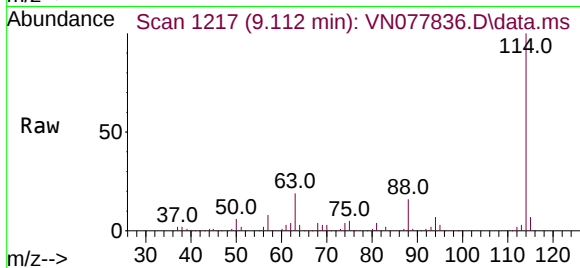
Tgt Ion:114 Resp: 733023

Ion Ratio Lower Upper

114 100

63 18.6 0.0 36.4

88 15.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.049 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077836.D

Acq: 24 May 2023 03:26

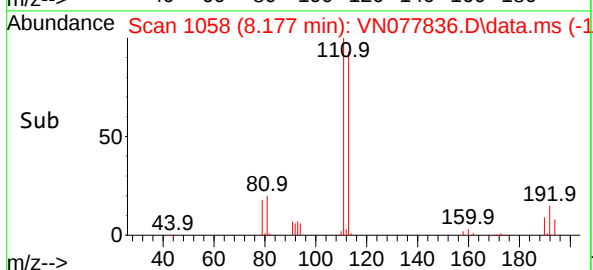
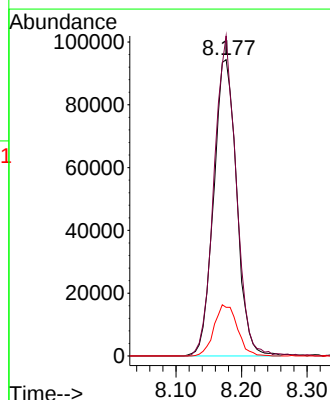
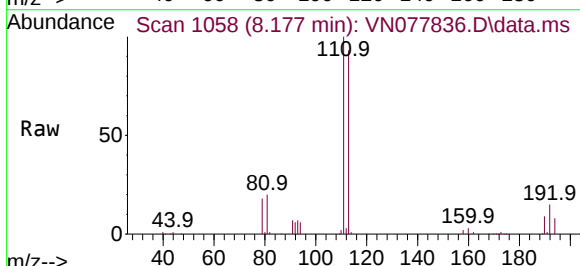
Tgt Ion:113 Resp: 229672

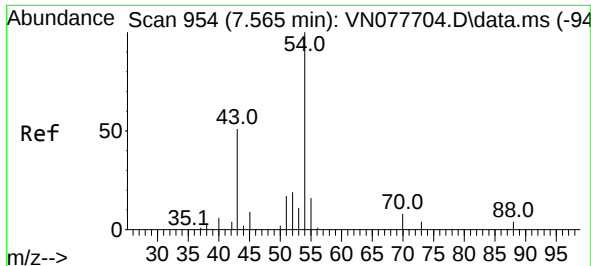
Ion Ratio Lower Upper

113 100

111 103.9 82.6 123.8

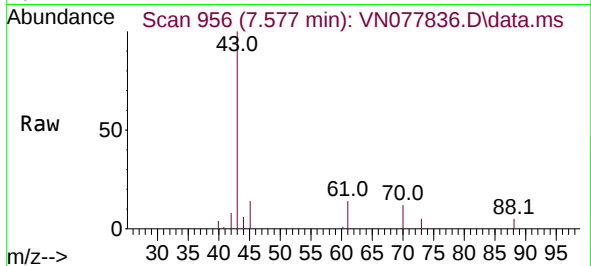
192 17.4 12.7 19.1



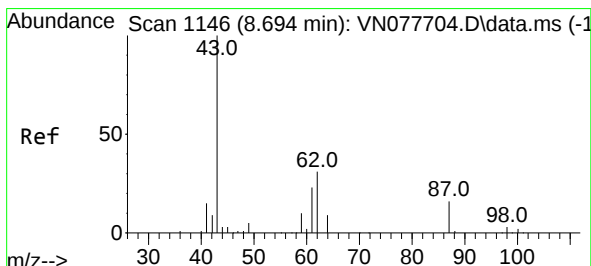
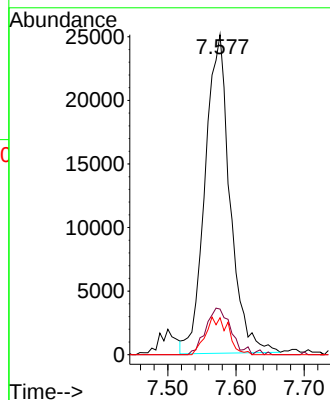
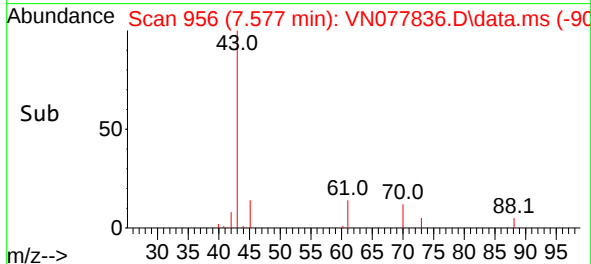


#37
Ethyl Acetate
Concen: 10.237 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

Instrument :
MSVOA_N
ClientSampleId :
290-328

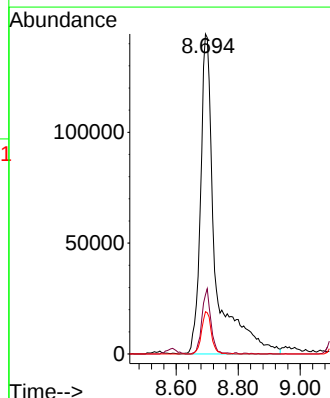
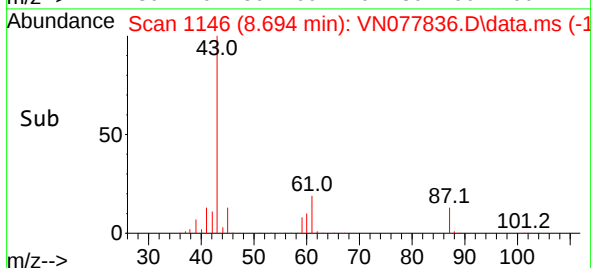
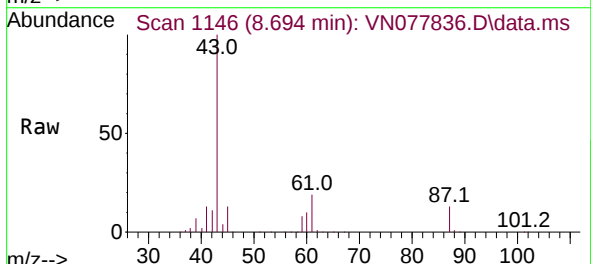


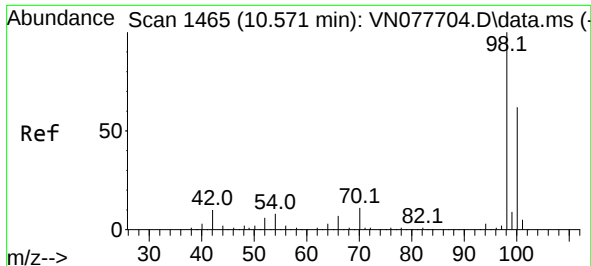
Tgt Ion: 43 Resp: 63789
Ion Ratio Lower Upper
43 100
61 14.8 13.2 19.8
70 10.8 11.3 16.9#



#43
Isopropyl Acetate
Concen: 47.370 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

Tgt Ion: 43 Resp: 482160
Ion Ratio Lower Upper
43 100
61 12.2 24.7 37.1#
87 8.5 14.6 21.8#

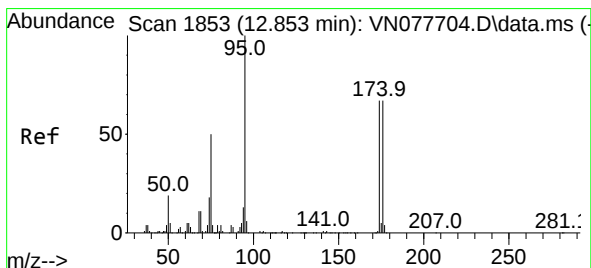
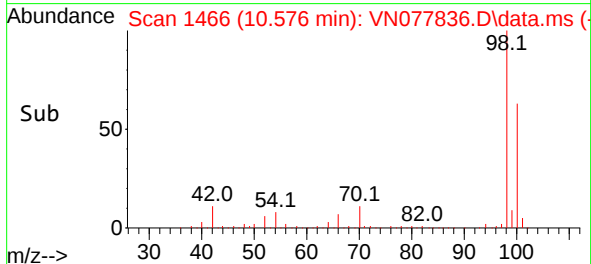
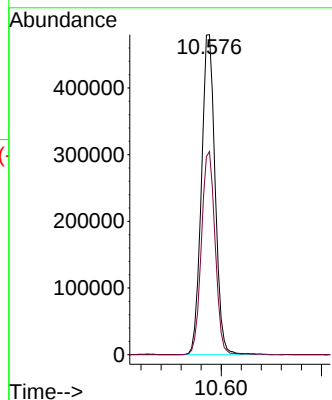
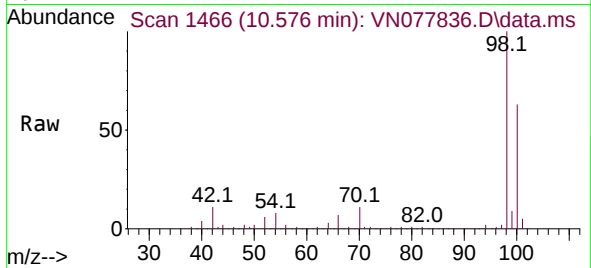




#50
Toluene-d8
Concen: 49.412 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

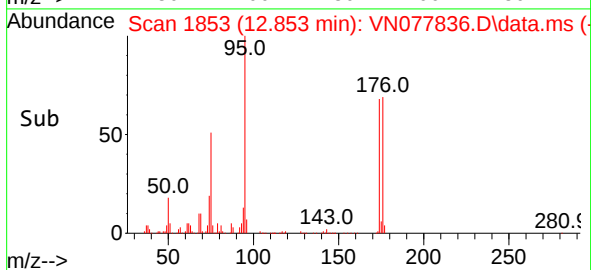
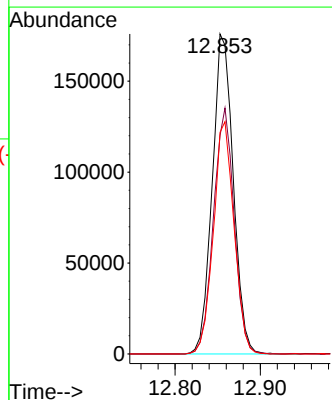
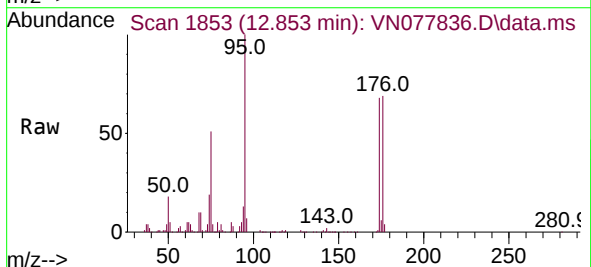
Instrument :
MSVOA_N
ClientSampleId :
290-328

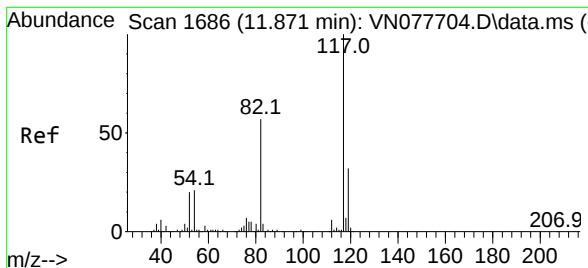
Tgt Ion: 98 Resp: 909108
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.207 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077836.D
Acq: 24 May 2023 03:26

Tgt Ion: 95 Resp: 300252
Ion Ratio Lower Upper
95 100
174 75.8 0.0 143.8
176 71.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.876 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077836.D

Acq: 24 May 2023 03:26

Instrument :

MSVOA_N

ClientSampleId :

290-328

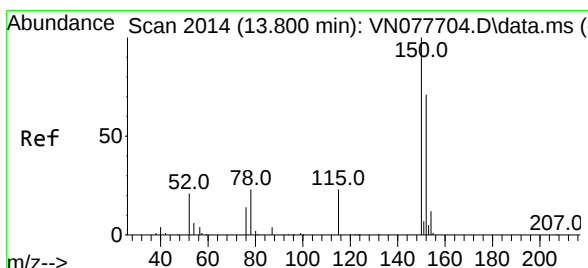
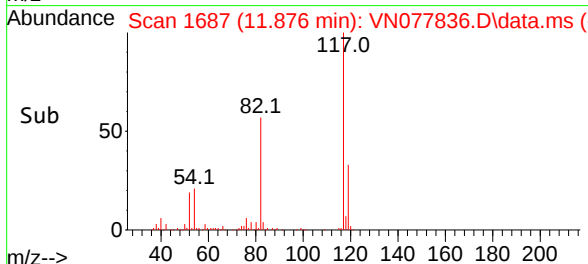
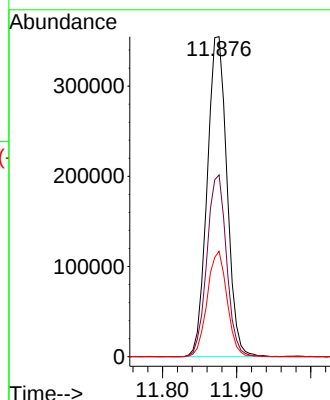
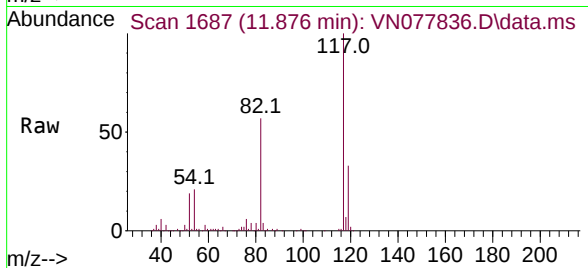
Tgt Ion:117 Resp: 659862

Ion Ratio Lower Upper

117 100

82 56.8 44.0 66.0

119 33.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077836.D

Acq: 24 May 2023 03:26

Tgt Ion:152 Resp: 235248

Ion Ratio Lower Upper

152 100

115 61.5 32.3 96.8

150 158.9 0.0 355.8

