

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077838.D
 Acq On : 24 May 2023 04:14
 Operator : JC\MD
 Sample : 02892-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-31

Quant Time: May 24 05:59:43 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)

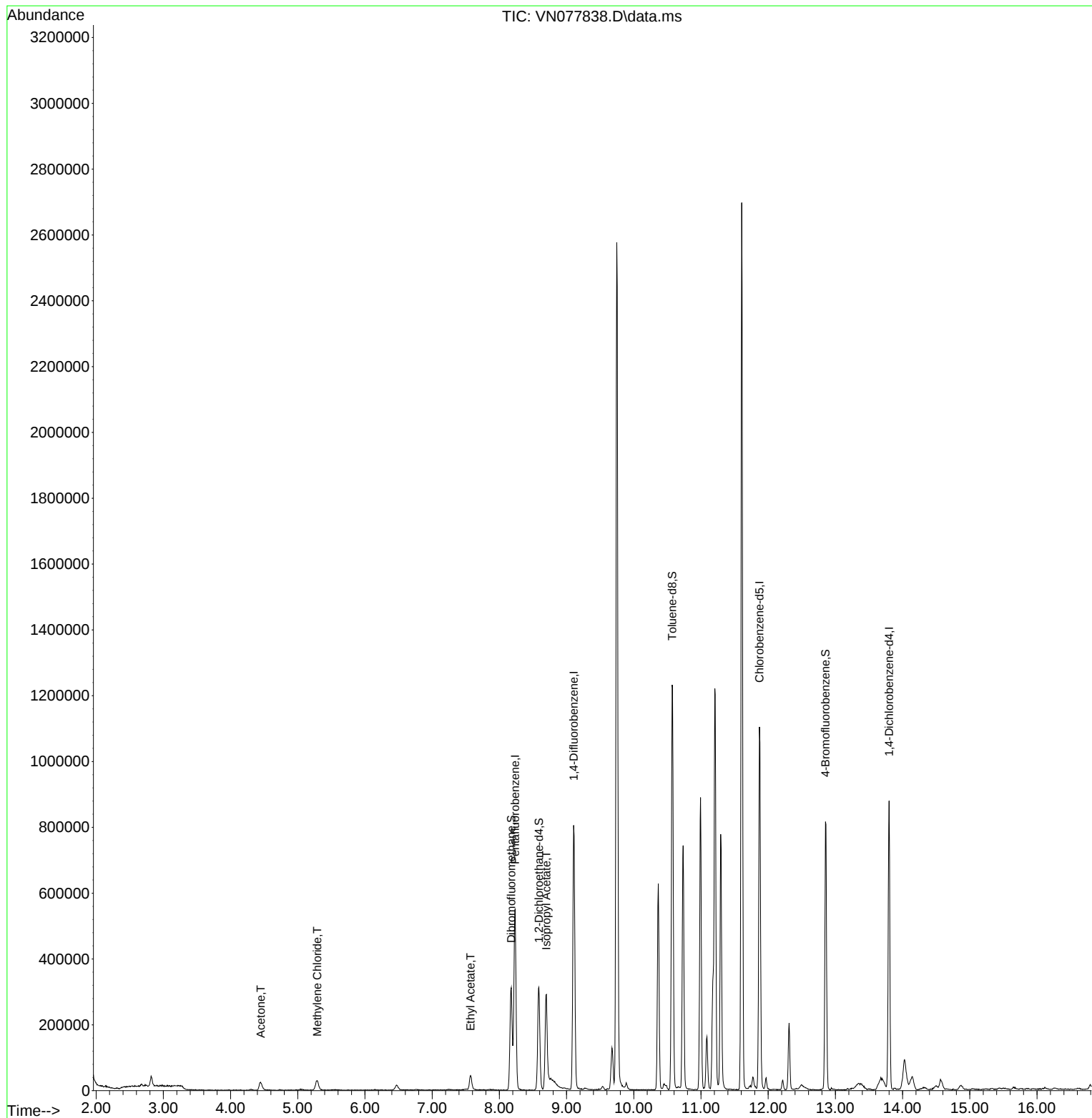
Internal Standards						
1) Pentafluorobenzene	8.236	168	404979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	720403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	673501	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	236474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261851	43.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.420%
35) Dibromofluoromethane	8.177	113	227177	48.360	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.720%
50) Toluene-d8	10.571	98	905071	50.055	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.853	95	300294	47.023	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.040%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	48737	25.565	ug/l #	86
20) Methylene Chloride	5.289	84	24242	3.029	ug/l	90
37) Ethyl Acetate	7.571	43	64365	10.510	ug/l	98
43) Isopropyl Acetate	8.700	43	336325	33.621	ug/l #	82

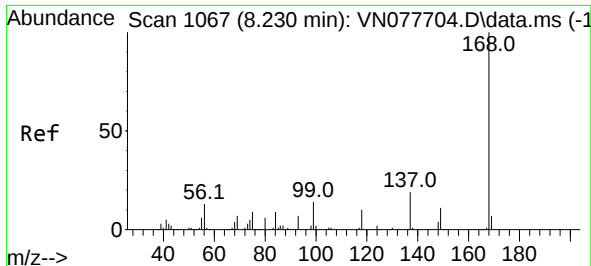
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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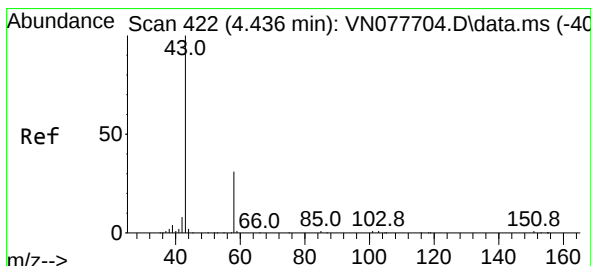
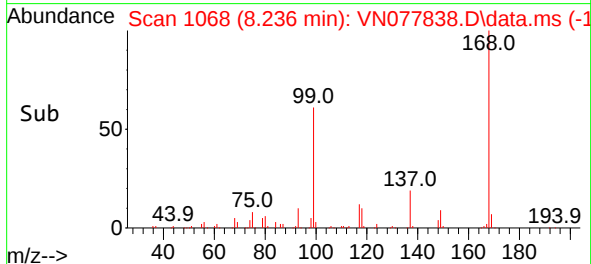
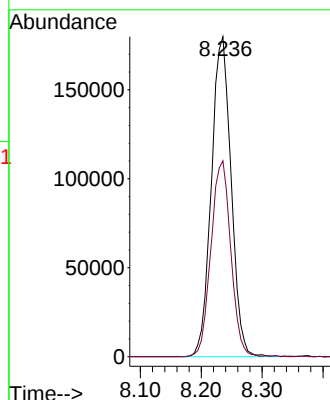
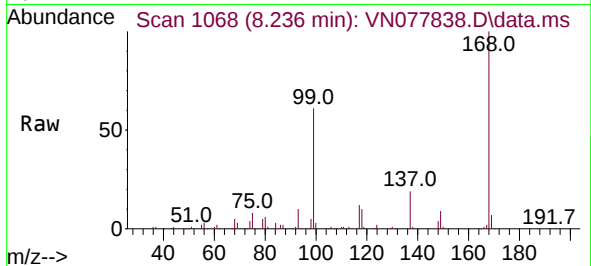




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077838.D
Acq: 24 May 2023 04:14

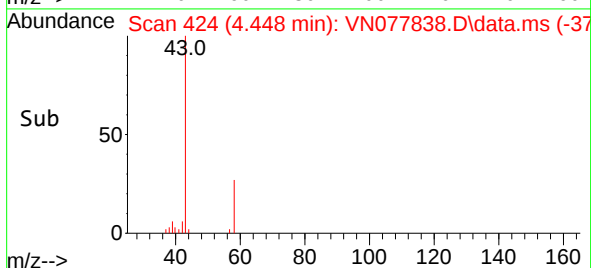
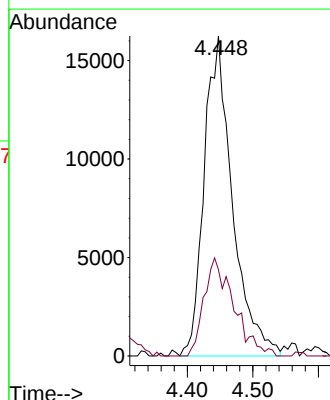
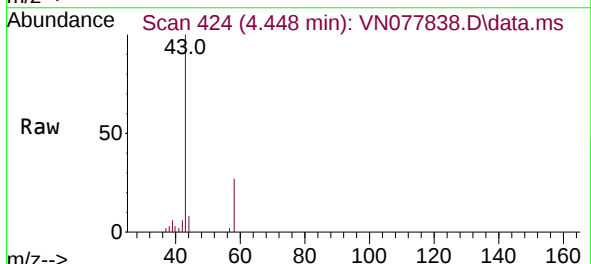
Instrument :
MSVOA_N
ClientSampleId :
TP-31

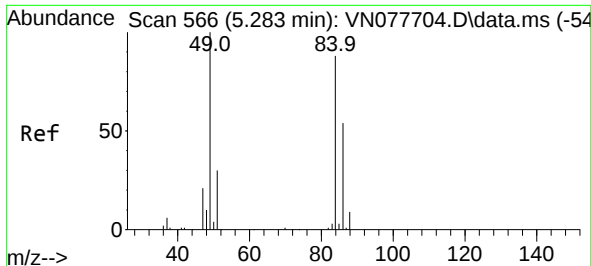
Tgt Ion:168 Resp: 404979
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#16
Acetone
Concen: 25.565 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.018 min
Lab File: VN077838.D
Acq: 24 May 2023 04:14

Tgt Ion: 43 Resp: 48737
Ion Ratio Lower Upper
43 100
58 27.0 28.0 42.0#

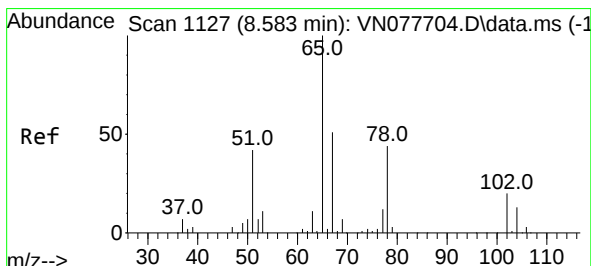
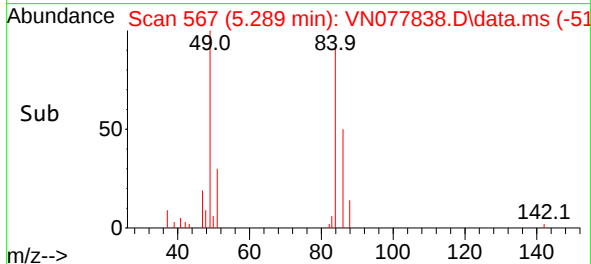
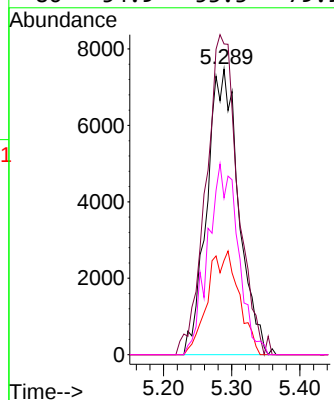
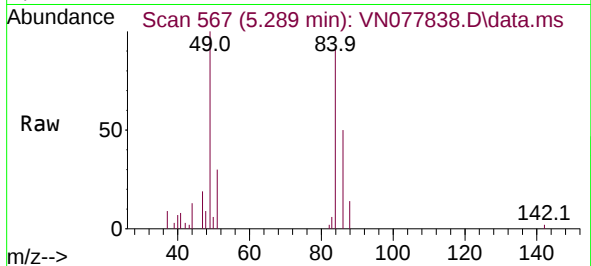




#20
Methylene Chloride
Concen: 3.029 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077838.D
Acq: 24 May 2023 04:14

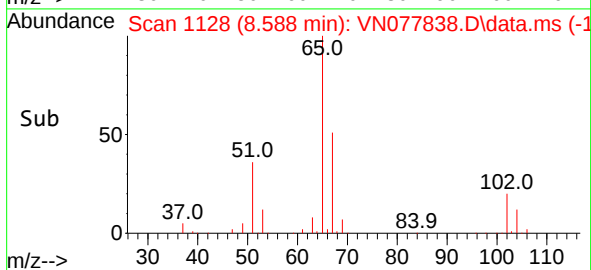
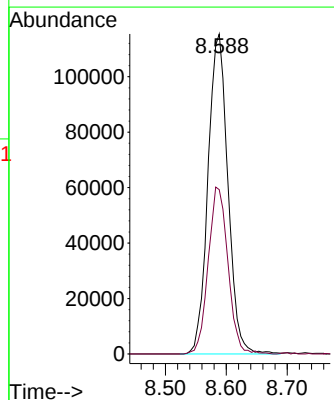
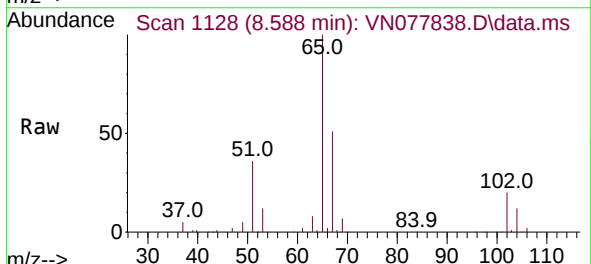
Instrument :
MSVOA_N
ClientSampleId :
TP-31

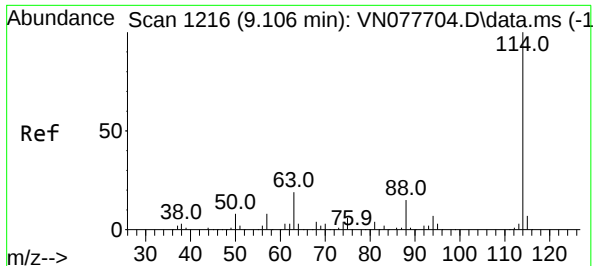
Tgt Ion:	84	Resp:	24242
Ion	Ratio	Lower	Upper
84	100		
49	108.8	79.7	119.5
51	33.0	25.2	37.8
86	54.9	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 43.213 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077838.D
Acq: 24 May 2023 04:14

Tgt Ion:	65	Resp:	261851
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: VN077838.D

Acq: 24 May 2023 04:14

Instrument :

MSVOA_N

ClientSampleId :

TP-31

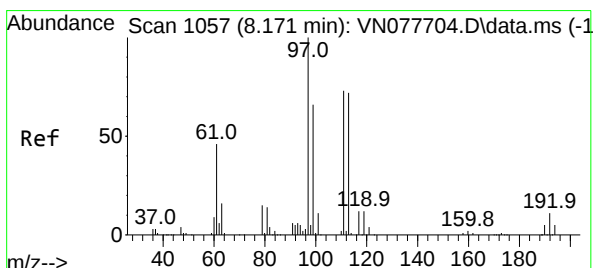
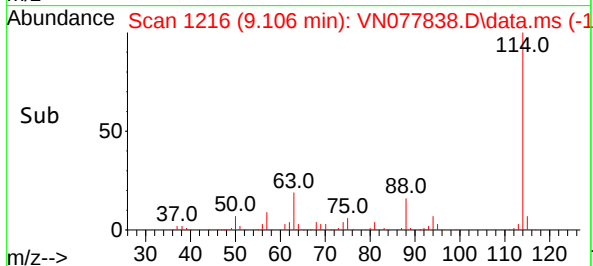
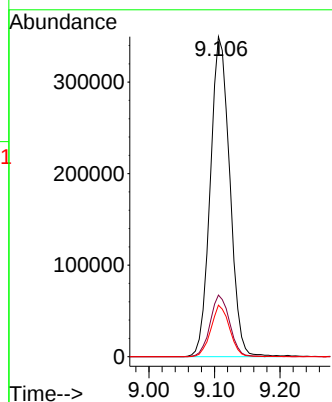
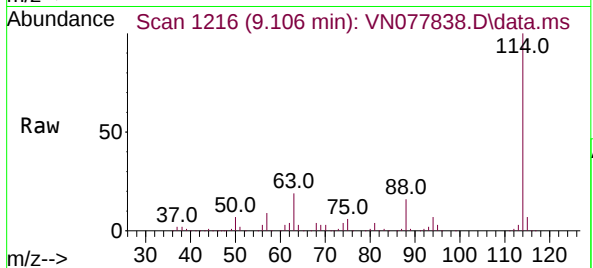
Tgt Ion:114 Resp: 720403

Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.360 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077838.D

Acq: 24 May 2023 04:14

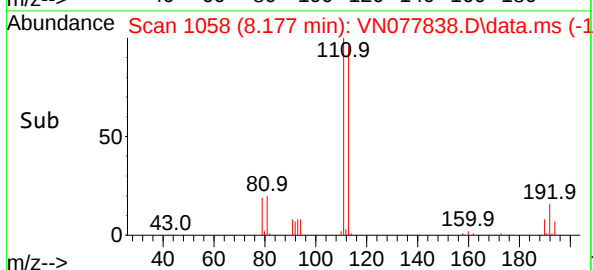
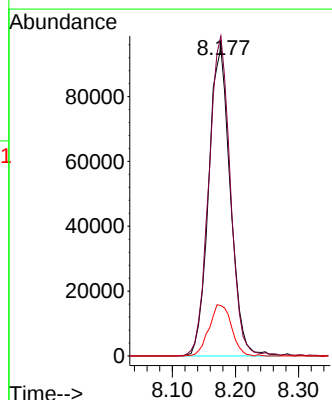
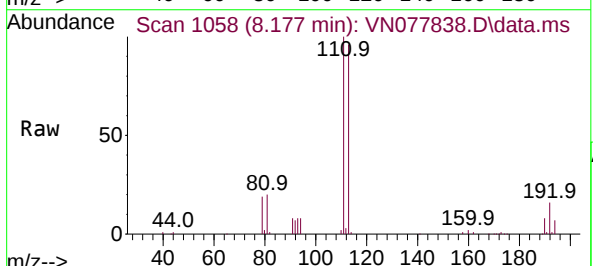
Tgt Ion:113 Resp: 227177

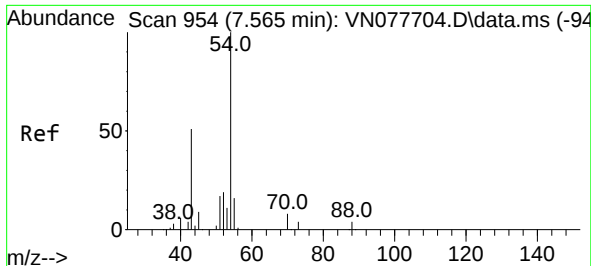
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 17.2 12.7 19.1





#37

Ethyl Acetate

Concen: 10.510 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077838.D

Acq: 24 May 2023 04:14

Instrument :

MSVOA_N

ClientSampleId :

TP-31

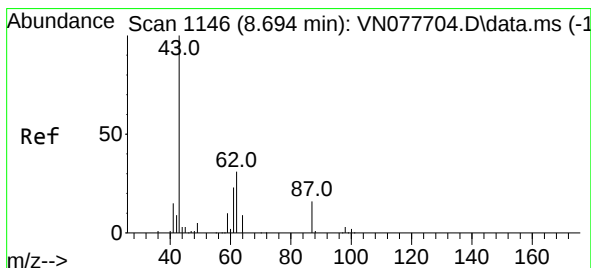
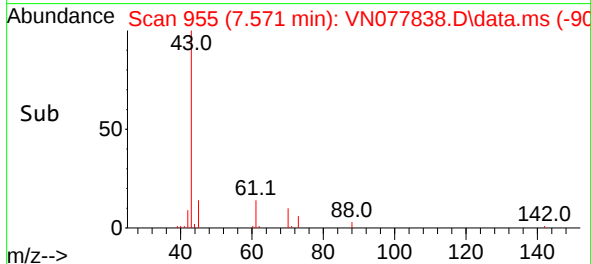
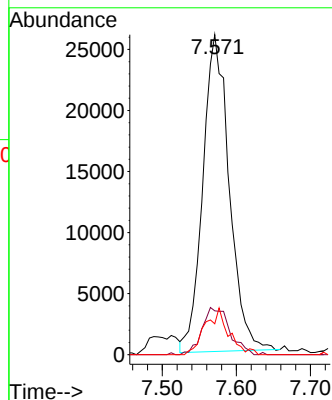
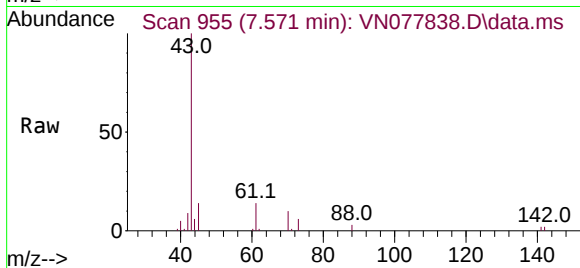
Tgt Ion: 43 Resp: 64365

Ion Ratio Lower Upper

43 100

61 15.5 13.2 19.8

70 13.2 11.3 16.9



#43

Isopropyl Acetate

Concen: 33.621 ug/l

RT: 8.700 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VN077838.D

Acq: 24 May 2023 04:14

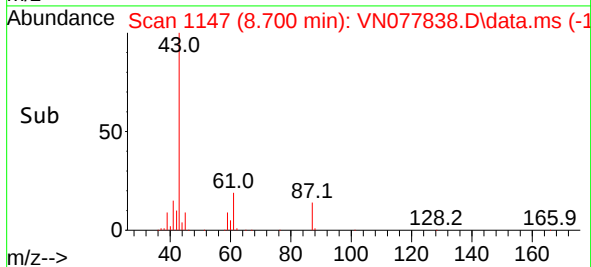
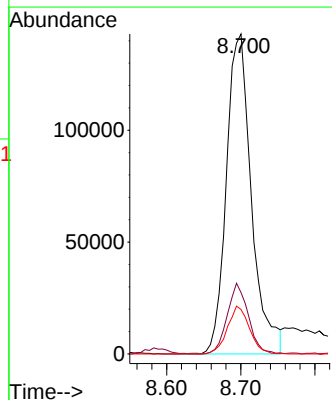
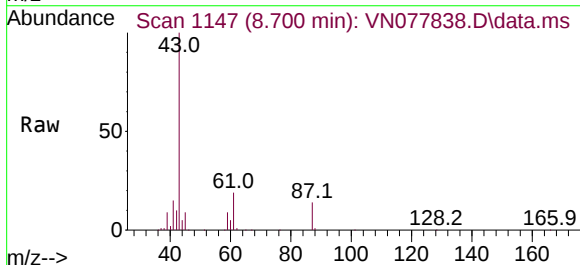
Tgt Ion: 43 Resp: 336325

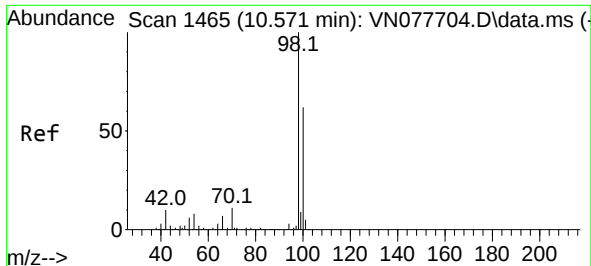
Ion Ratio Lower Upper

43 100

61 18.6 24.7 37.1#

87 13.2 14.6 21.8#

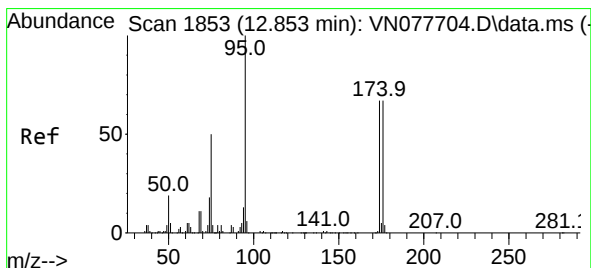
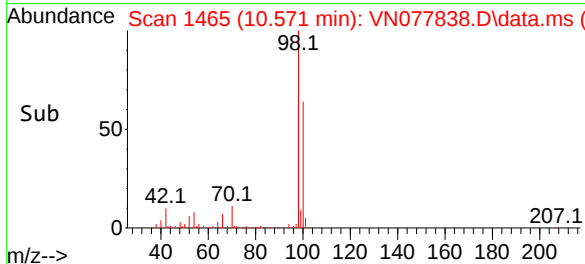
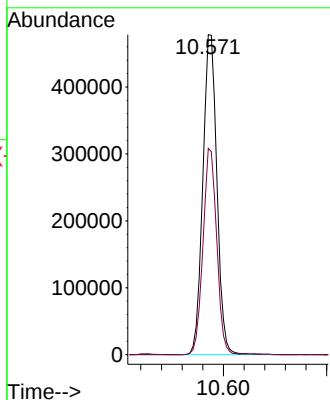
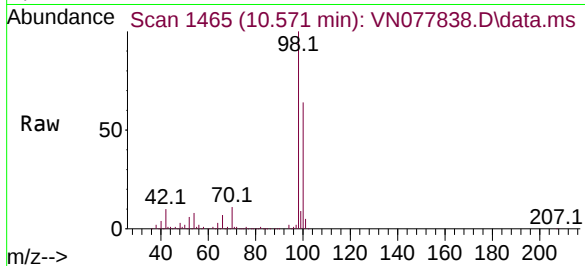




#50
Toluene-d8
Concen: 50.055 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077838.D
Acq: 24 May 2023 04:14

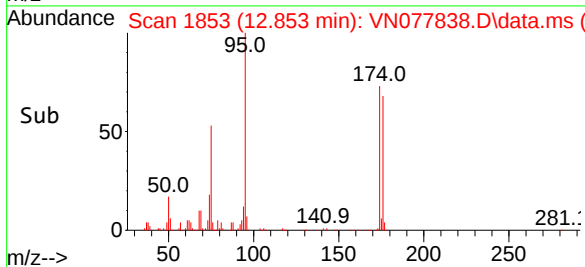
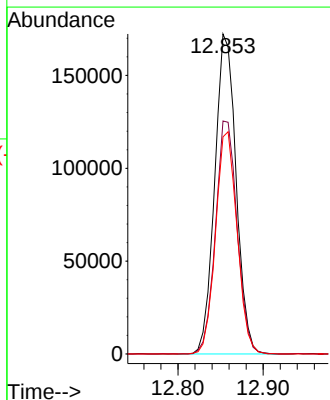
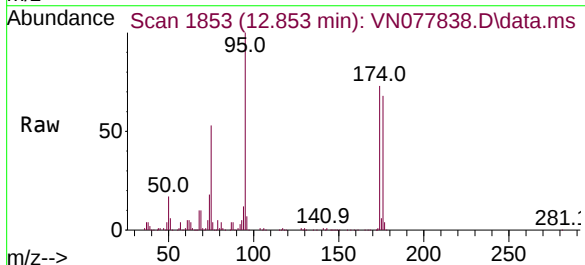
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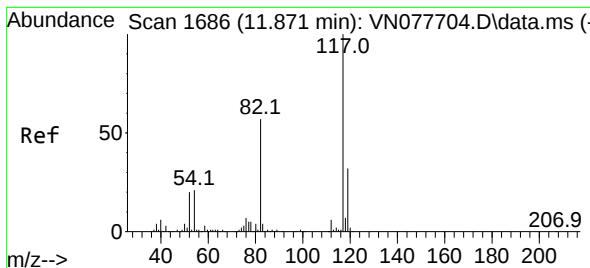
Tgt Ion: 98 Resp: 905071
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.023 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077838.D
Acq: 24 May 2023 04:14

Tgt Ion: 95 Resp: 300294
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 69.7 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077838.D

Acq: 24 May 2023 04:14

Instrument :

MSVOA_N

ClientSampleId :

TP-31

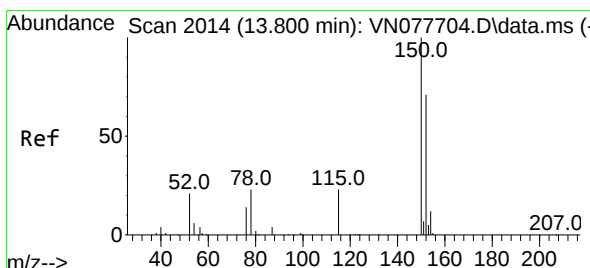
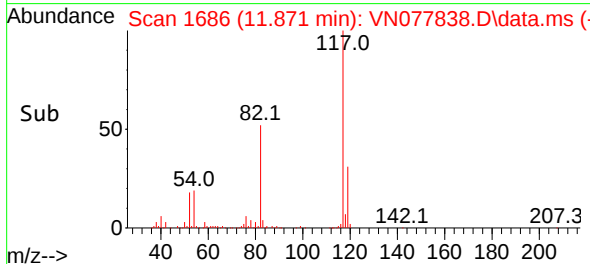
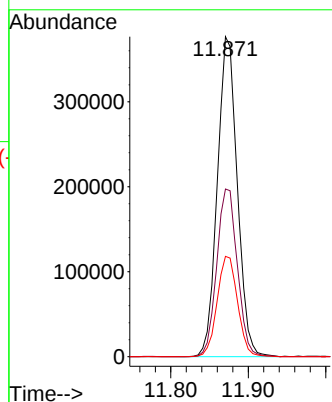
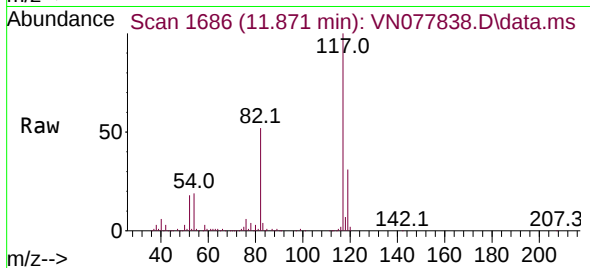
Tgt Ion:117 Resp: 673501

Ion Ratio Lower Upper

117 100

82 52.4 44.0 66.0

119 31.4 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: VN077838.D

Acq: 24 May 2023 04:14

Tgt Ion:152 Resp: 236474

Ion Ratio Lower Upper

152 100

115 63.3 32.3 96.8

150 157.7 0.0 355.8

