

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077844.D
 Acq On : 24 May 2023 06:37
 Operator : JC\MD
 Sample : PB152982ZHE#06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152982ZHE#06

Quant Time: May 24 08:19:12 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)

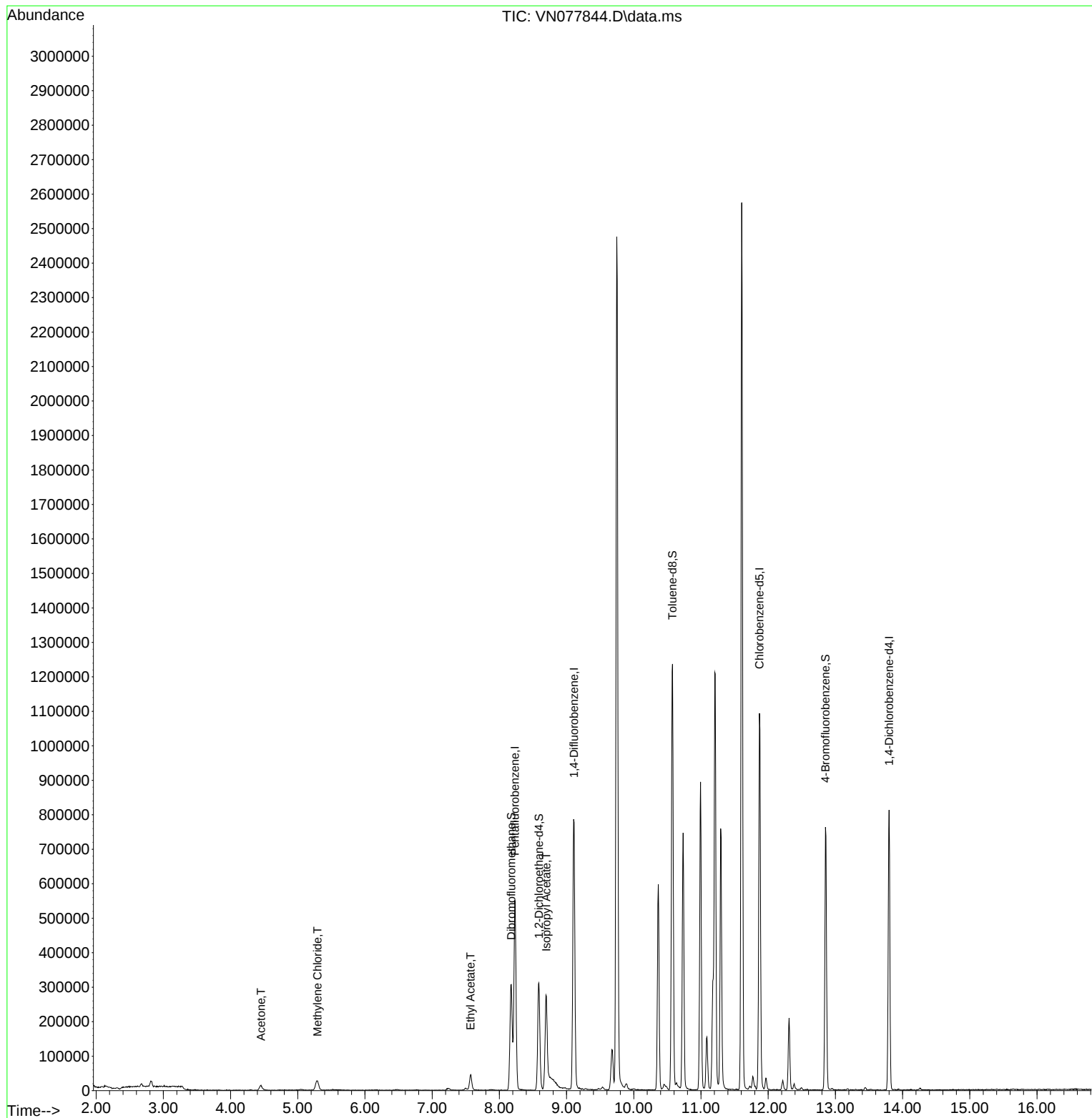
Internal Standards						
1) Pentafluorobenzene	8.230	168	389918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	718521	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	658447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220852	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	260861	44.713	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.420%
35) Dibromofluoromethane	8.177	113	227150	48.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.960%
50) Toluene-d8	10.576	98	910191	50.470	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.853	95	272126	42.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.440%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	26862	14.635	ug/l	92
20) Methylene Chloride	5.294	84	23774	3.124	ug/l #	86
37) Ethyl Acetate	7.571	43	62580	10.245	ug/l	96
43) Isopropyl Acetate	8.700	43	350379	35.118	ug/l #	79

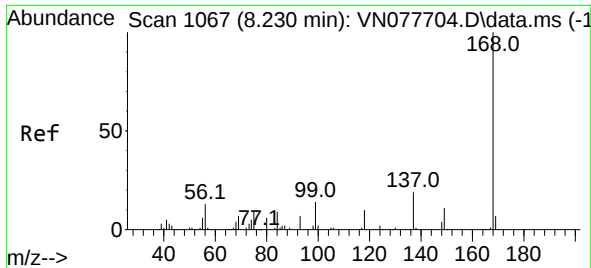
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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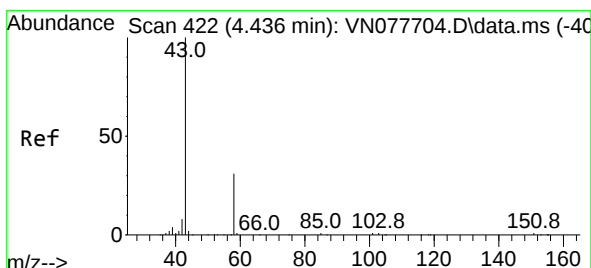
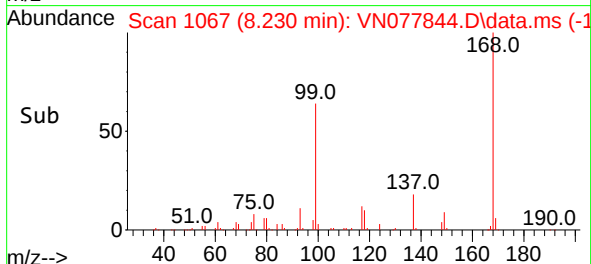
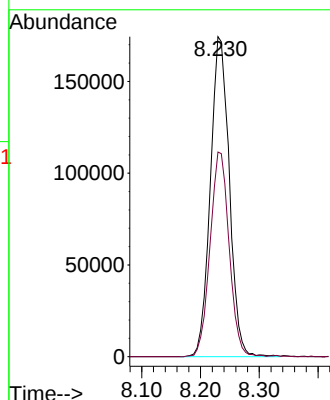
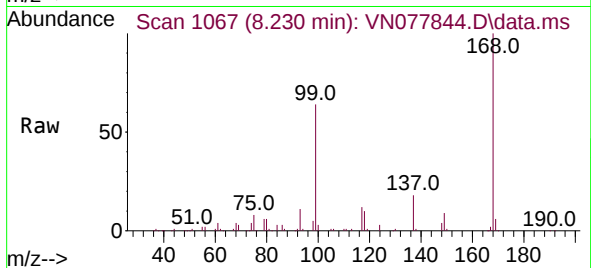




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077844.D
Acq: 24 May 2023 06:37

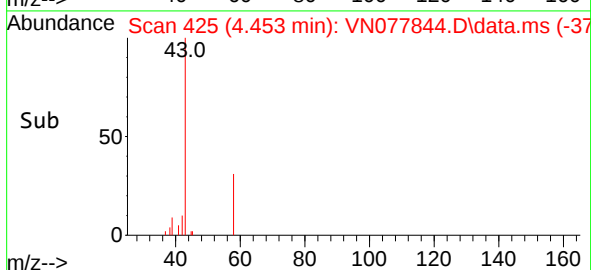
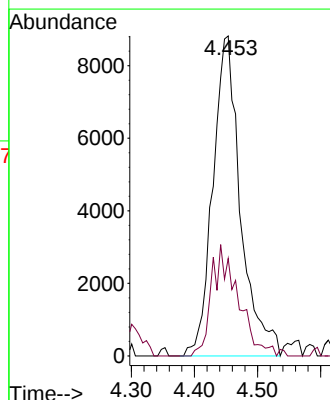
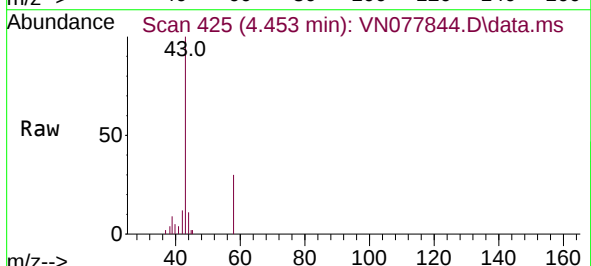
Instrument :
MSVOA_N
ClientSampleId :
PB152982ZHE#06

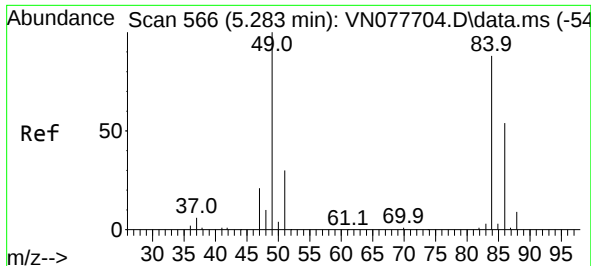
Tgt Ion:168 Resp: 389918
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#16
Acetone
Concen: 14.635 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077844.D
Acq: 24 May 2023 06:37

Tgt Ion: 43 Resp: 26862
Ion Ratio Lower Upper
43 100
58 30.4 28.0 42.0





#20

Methylene Chloride

Concen: 3.124 ug/l

RT: 5.294 min Scan# 51

Delta R.T. 0.011 min

Lab File: VN077844.D

Acq: 24 May 2023 06:37

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#06

Tgt Ion: 84 Resp: 23774

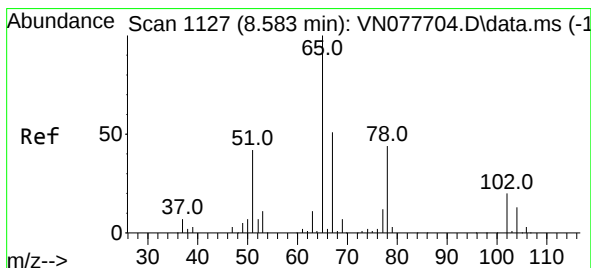
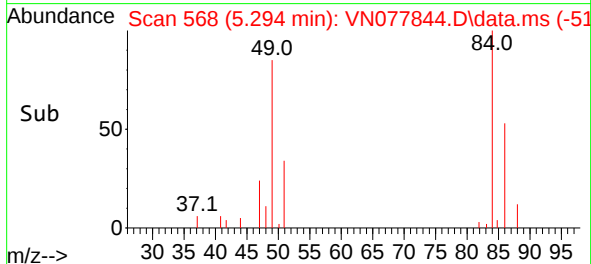
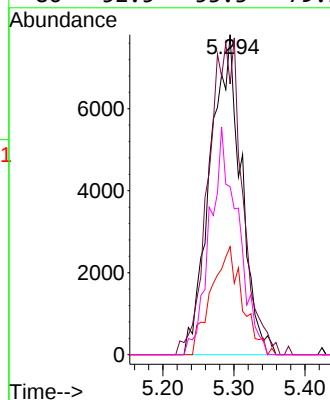
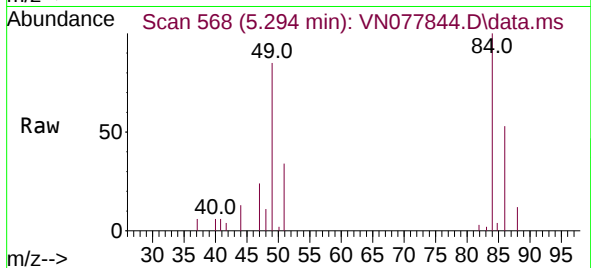
Ion Ratio Lower Upper

84 100

49 84.6 79.7 119.5

51 33.8 25.2 37.8

86 52.5 53.3 79.9#



#33

1,2-Dichloroethane-d4

Concen: 44.713 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077844.D

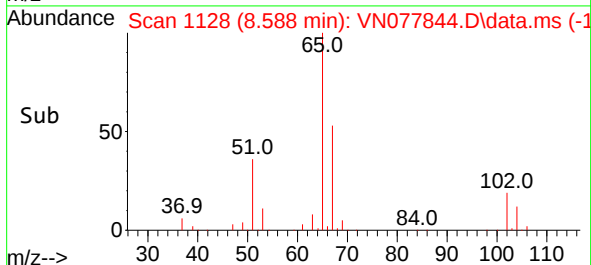
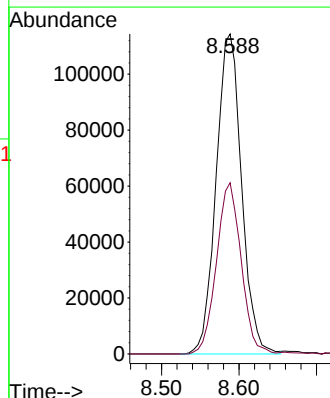
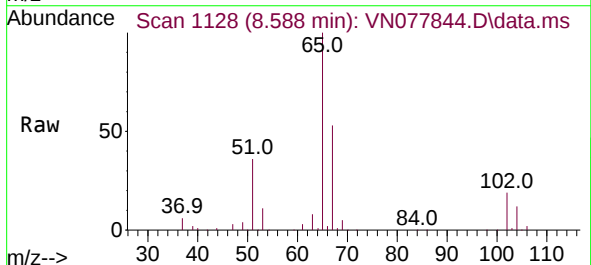
Acq: 24 May 2023 06:37

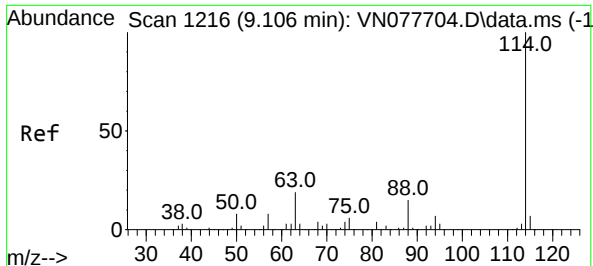
Tgt Ion: 65 Resp: 260861

Ion Ratio Lower Upper

65 100

67 51.8 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: VN077844.D

Acq: 24 May 2023 06:37

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#06

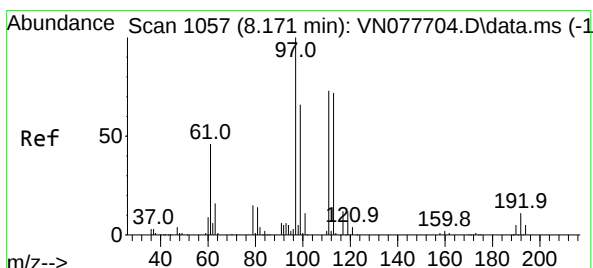
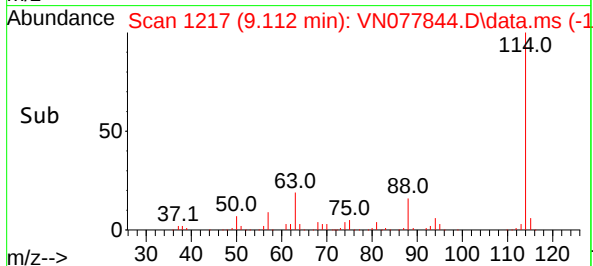
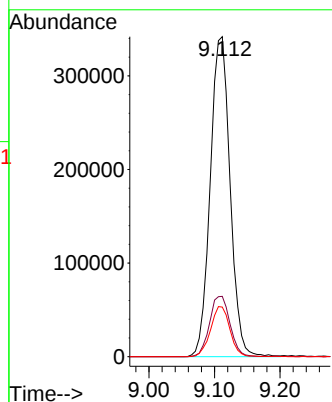
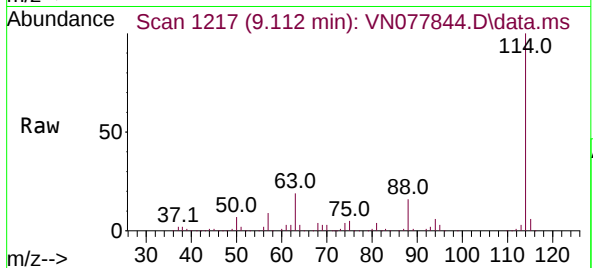
Tgt Ion:114 Resp: 718521

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.480 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077844.D

Acq: 24 May 2023 06:37

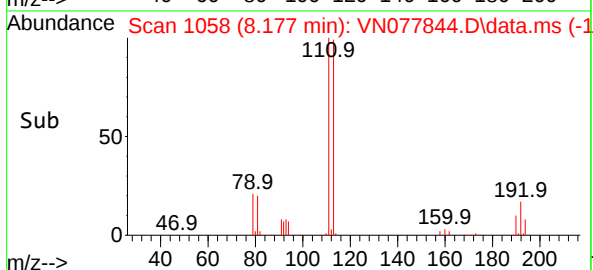
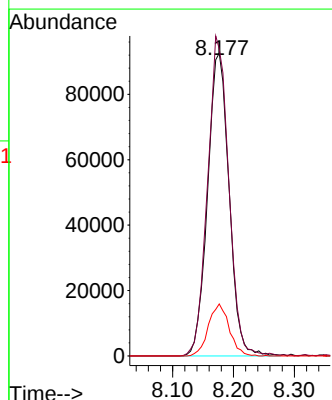
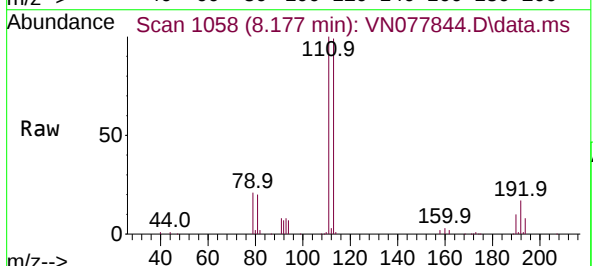
Tgt Ion:113 Resp: 227150

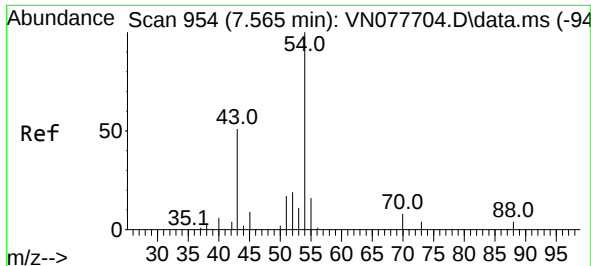
Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 16.6 12.7 19.1





#37

Ethyl Acetate

Concen: 10.245 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077844.D

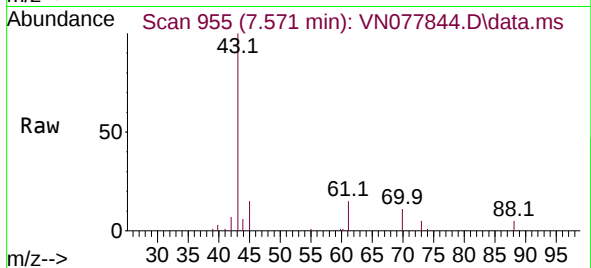
Acq: 24 May 2023 06:37

Instrument :

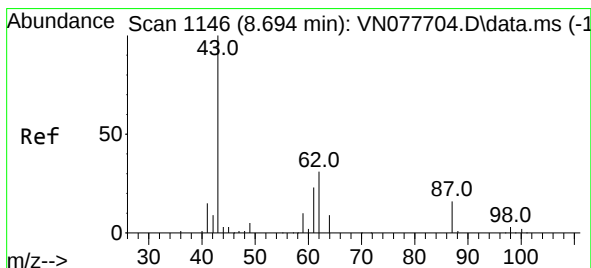
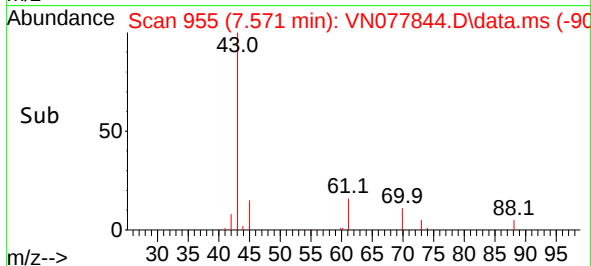
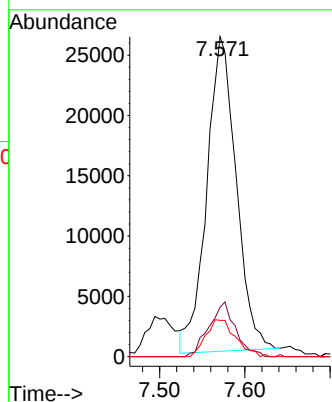
MSVOA_N

ClientSampleId :

PB152982ZHE#06



Tgt Ion:	43	Resp:	62580
Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.2	19.8
70	11.8	11.3	16.9



#43

Isopropyl Acetate

Concen: 35.118 ug/l

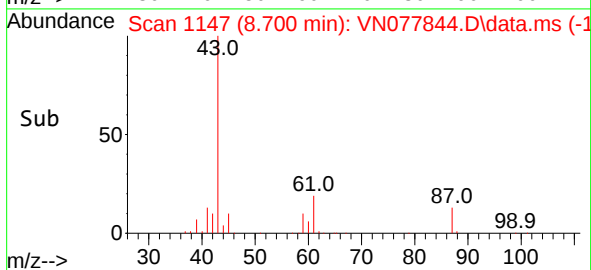
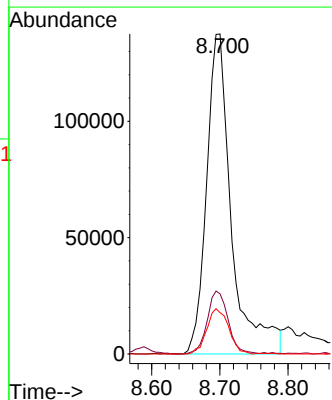
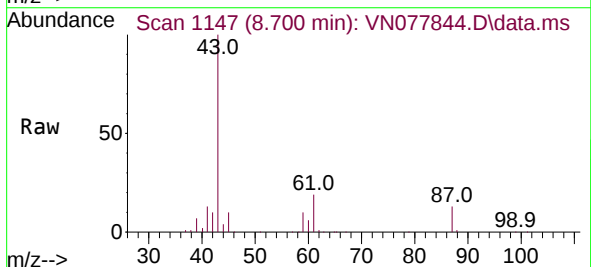
RT: 8.700 min Scan# 1147

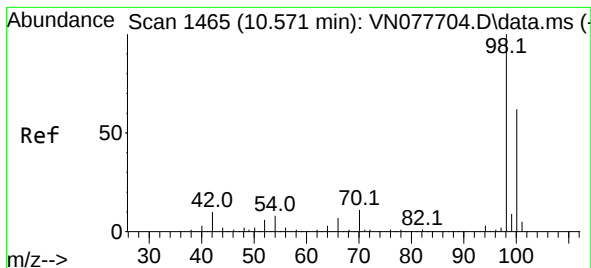
Delta R.T. 0.006 min

Lab File: VN077844.D

Acq: 24 May 2023 06:37

Tgt Ion:	43	Resp:	350379
Ion	Ratio	Lower	Upper
43	100		
61	16.4	24.7	37.1#
87	12.4	14.6	21.8#

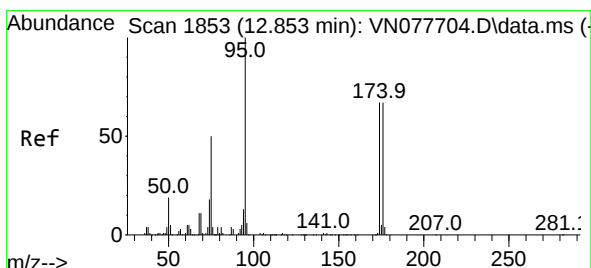
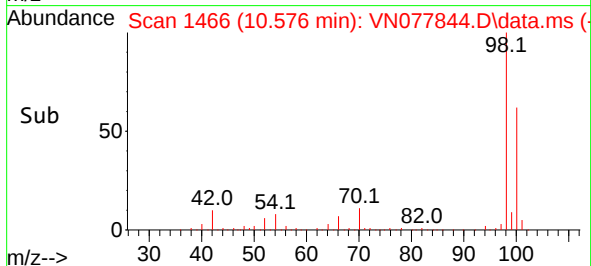
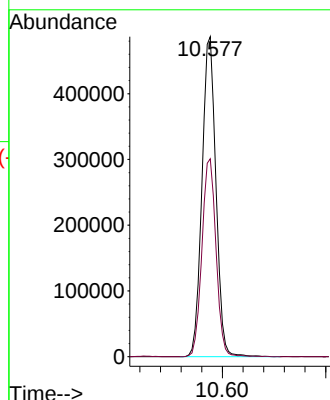
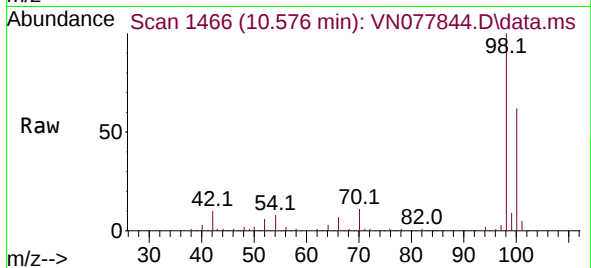




#50
Toluene-d8
Concen: 50.470 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077844.D
Acq: 24 May 2023 06:37

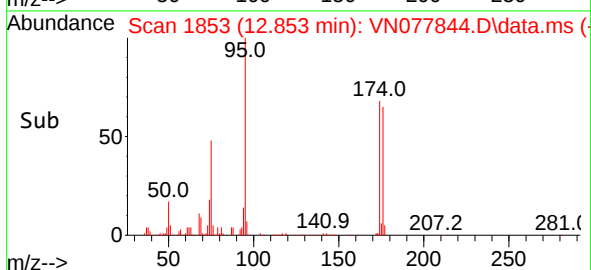
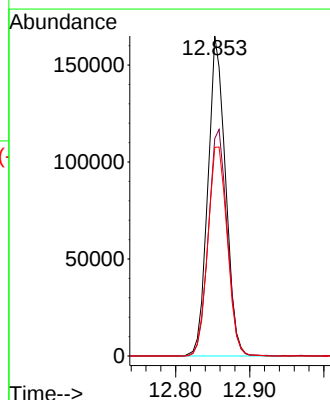
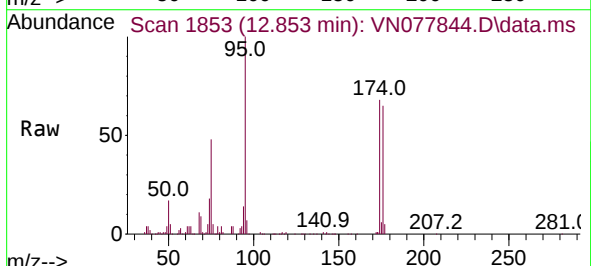
Instrument :
MSVOA_N
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PB152982ZHE#06

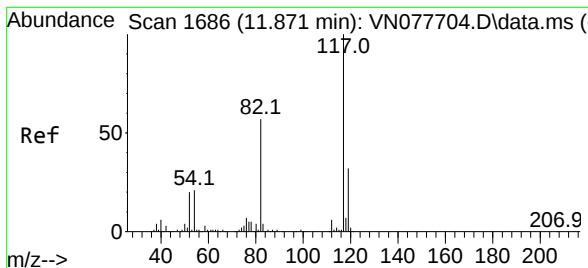
Tgt Ion: 98 Resp: 910191
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.724 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077844.D
Acq: 24 May 2023 06:37

Tgt Ion: 95 Resp: 272126
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 72.1 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: VN077844.D

Acq: 24 May 2023 06:37

Instrument :

MSVOA_N

ClientSampleId :

PB152982ZHE#06

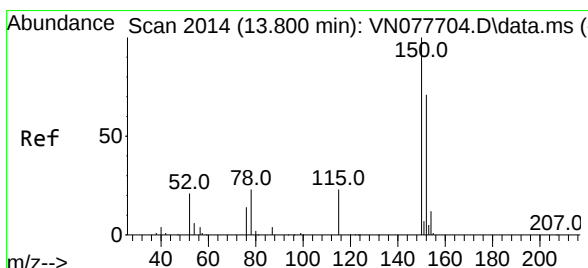
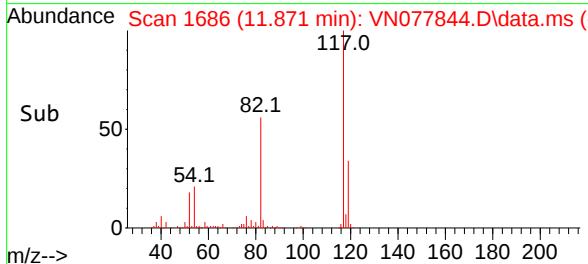
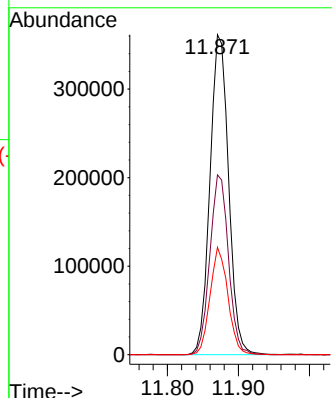
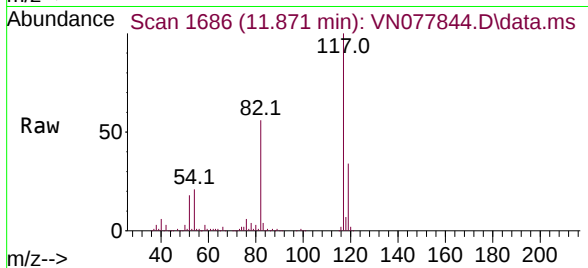
Tgt Ion:117 Resp: 658447

Ion Ratio Lower Upper

117 100

82 56.2 44.0 66.0

119 33.6 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: VN077844.D

Acq: 24 May 2023 06:37

Tgt Ion:152 Resp: 220852

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 158.9 0.0 355.8

