

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052323\
 Data File : VN077842.D
 Acq On : 24 May 2023 05:49
 Operator : JC\MD
 Sample : 02894-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-40A

Quant Time: May 24 06:34:59 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)

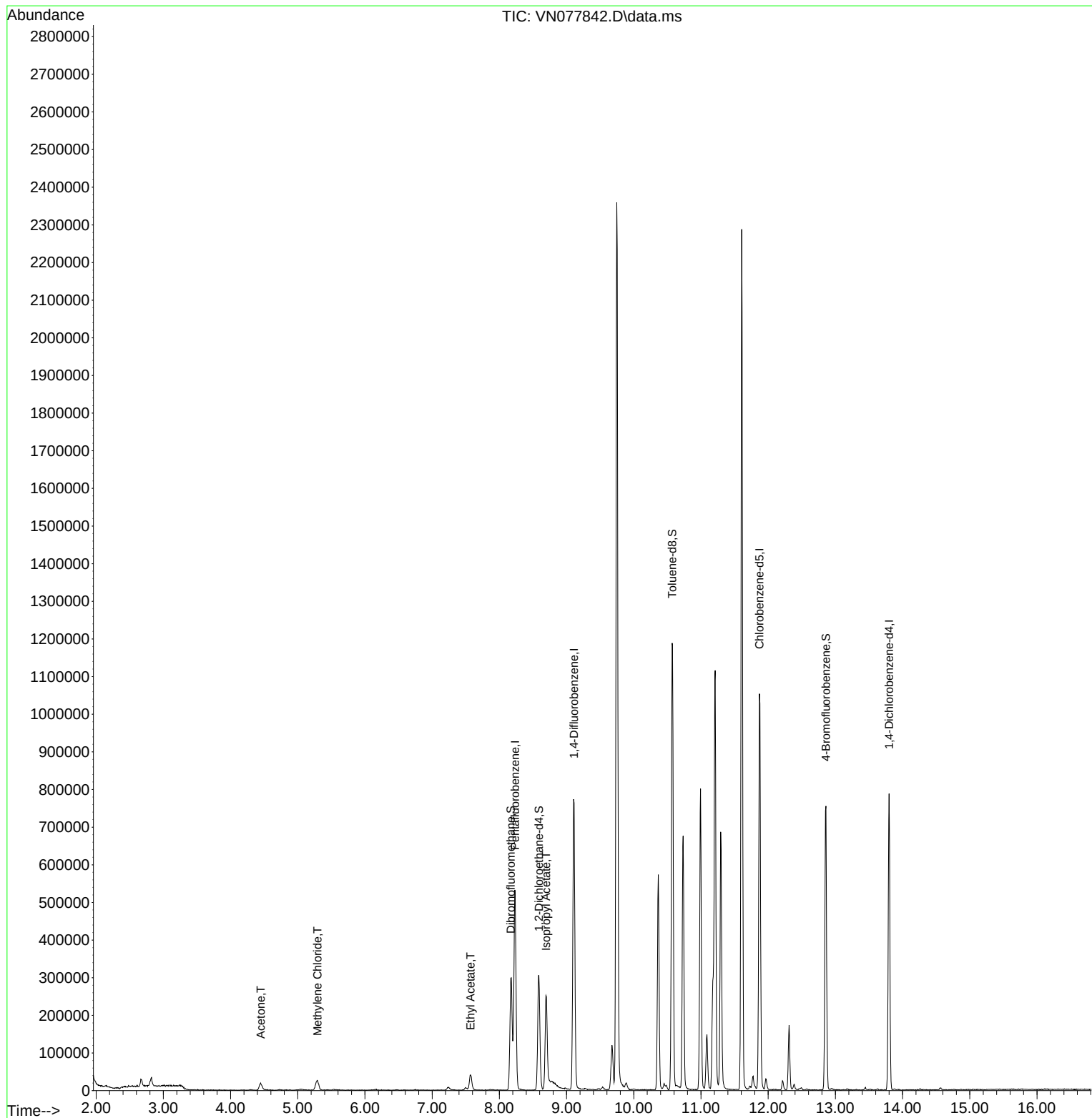
Internal Standards						
1) Pentafluorobenzene	8.235	168	385282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	697687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	215127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257753	44.711	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.420%
35) Dibromofluoromethane	8.171	113	219120	48.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.320%
50) Toluene-d8	10.571	98	874634	49.946	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.859	95	279497	45.192	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.380%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	37344	20.590	ug/l	98
20) Methylene Chloride	5.294	84	21812	2.754	ug/l #	90
37) Ethyl Acetate	7.571	43	63366	10.684	ug/l	97
43) Isopropyl Acetate	8.694	43	291846	30.125	ug/l #	82

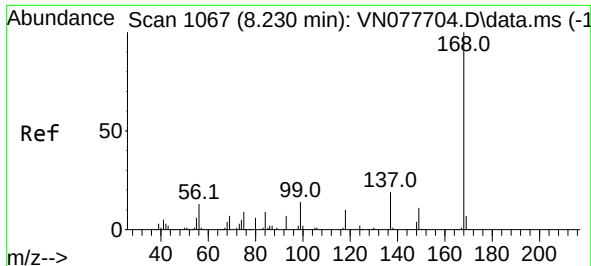
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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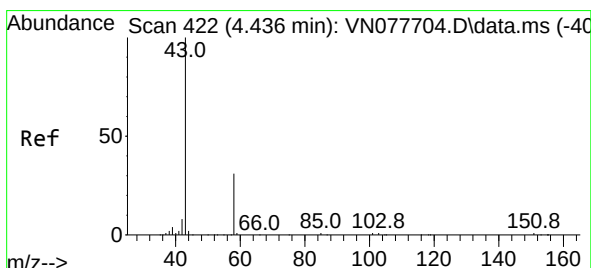
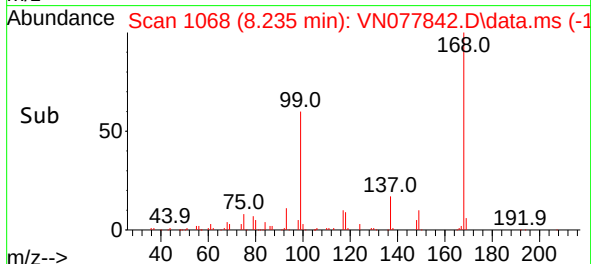
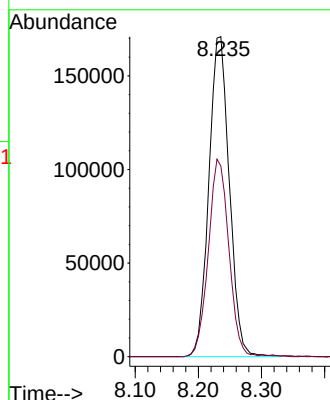
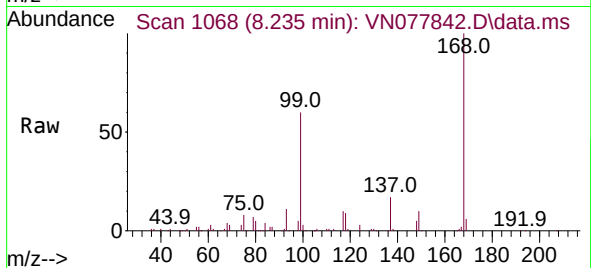




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.005 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

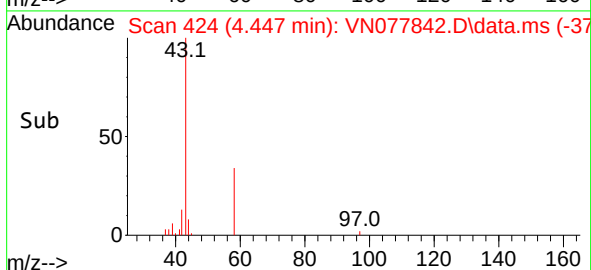
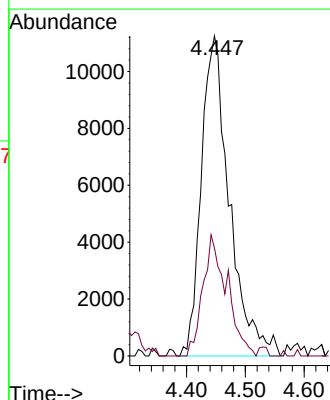
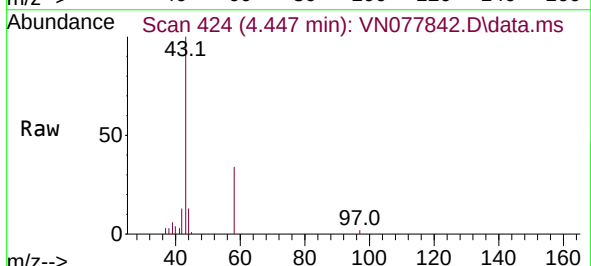
Instrument :
MSVOA_N
ClientSampleId :
TP-40A

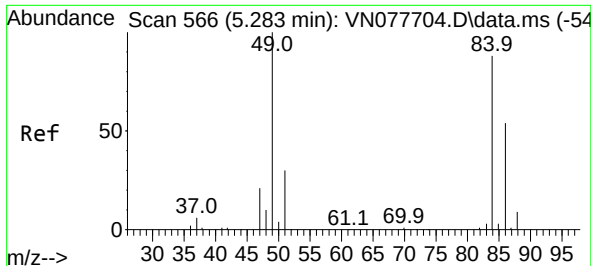
Tgt Ion:168 Resp: 385282
Ion Ratio Lower Upper
168 100
99 59.6 53.0 79.6



#16
Acetone
Concen: 20.590 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.017 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

Tgt Ion: 43 Resp: 37344
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0

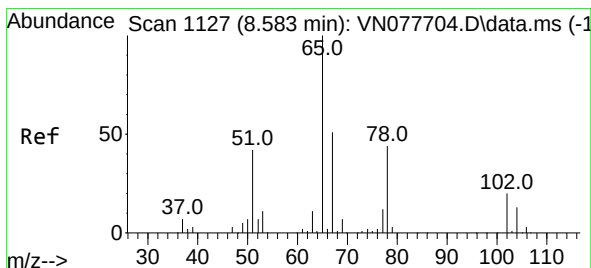
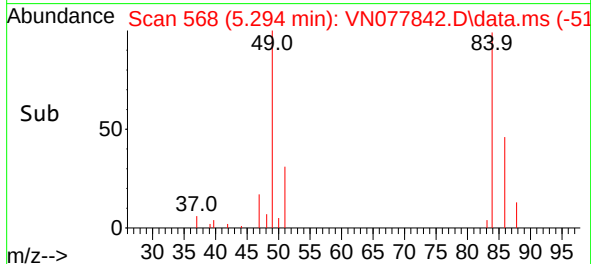
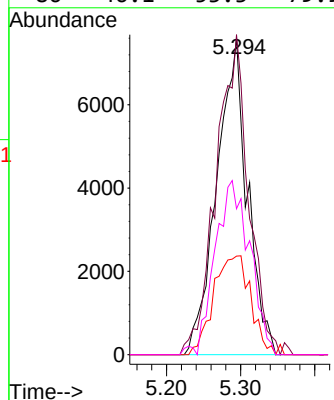
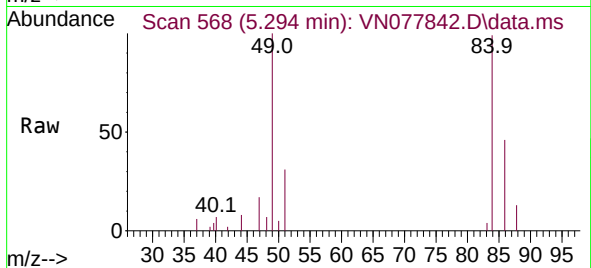




#20
Methylene Chloride
Concen: 2.754 ug/l
RT: 5.294 min Scan# 51
Delta R.T. 0.011 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

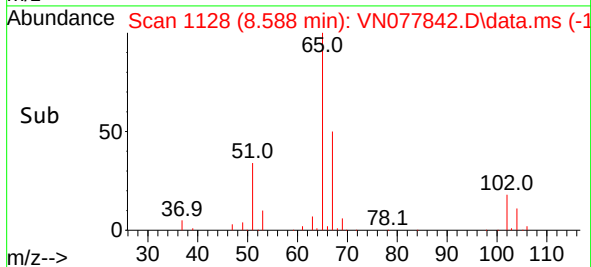
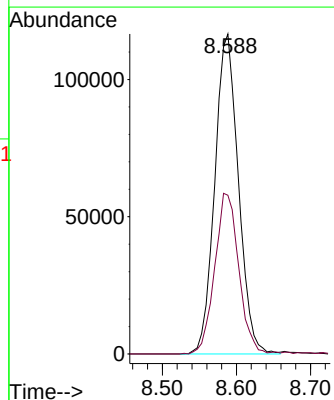
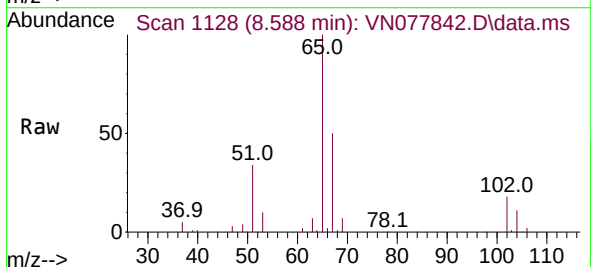
Instrument :
MSVOA_N
ClientSampleId :
TP-40A

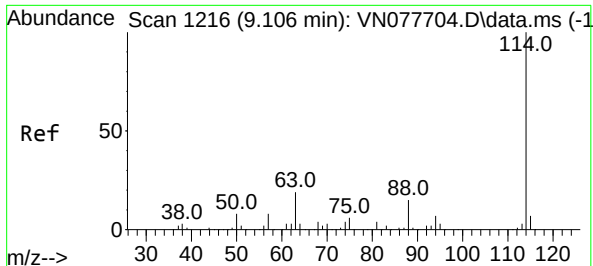
Tgt Ion: 84	Resp: 21812
Ion Ratio	Lower Upper
84 100	
49 101.1	79.7 119.5
51 31.1	25.2 37.8
86 46.1	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 44.711 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

Tgt Ion: 65	Resp: 257753
Ion Ratio	Lower Upper
65 100	
67 51.1	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: VN077842.D

Acq: 24 May 2023 05:49

Instrument :

MSVOA_N

ClientSampleId :

TP-40A

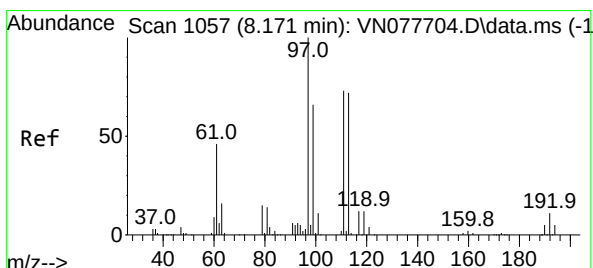
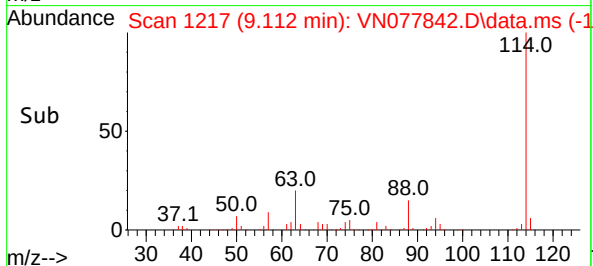
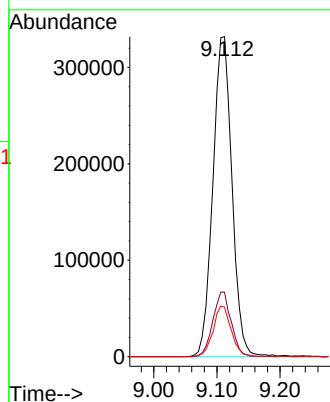
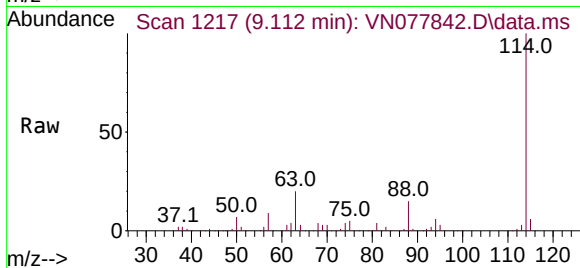
Tgt Ion:114 Resp: 697687

Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.163 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077842.D

Acq: 24 May 2023 05:49

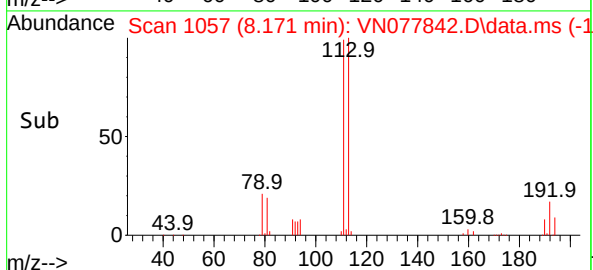
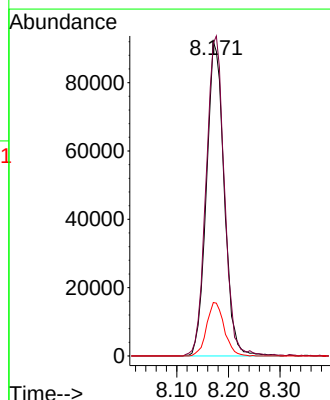
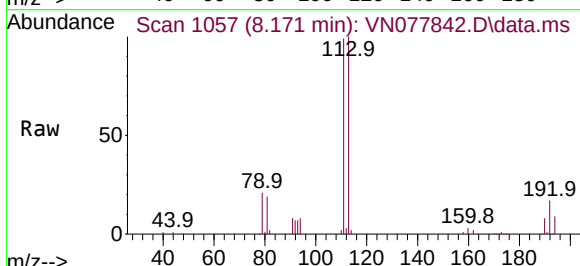
Tgt Ion:113 Resp: 219120

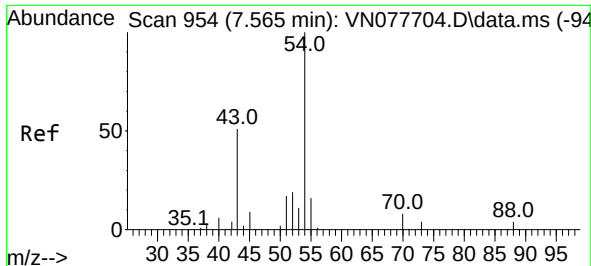
Ion Ratio Lower Upper

113 100

111 104.6 82.6 123.8

192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 10.684 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN077842.D

Acq: 24 May 2023 05:49

Instrument :

MSVOA_N

ClientSampleId :

TP-40A

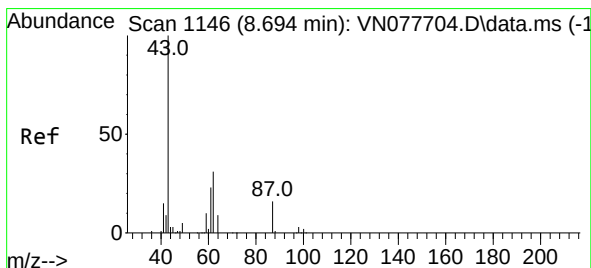
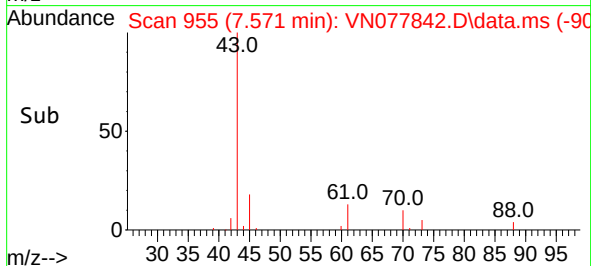
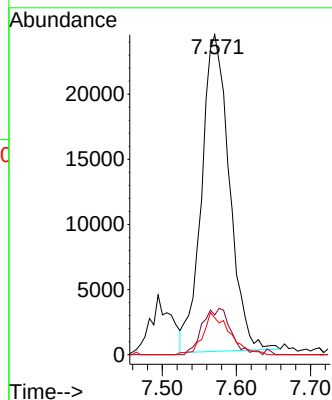
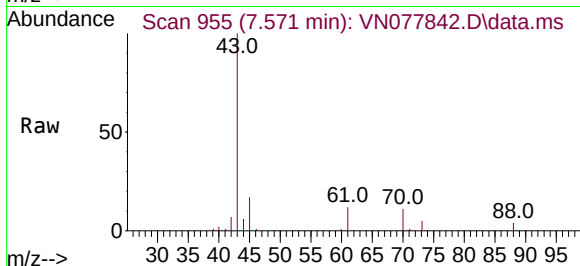
Tgt Ion: 43 Resp: 63366

Ion Ratio Lower Upper

43 100

61 15.1 13.2 19.8

70 12.6 11.3 16.9



#43

Isopropyl Acetate

Concen: 30.125 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN077842.D

Acq: 24 May 2023 05:49

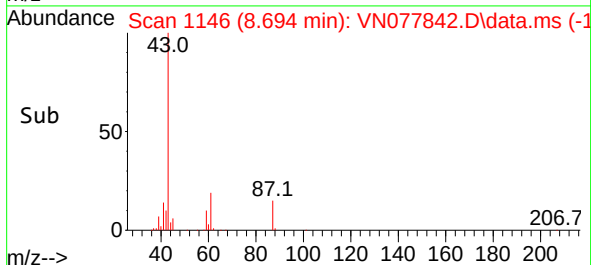
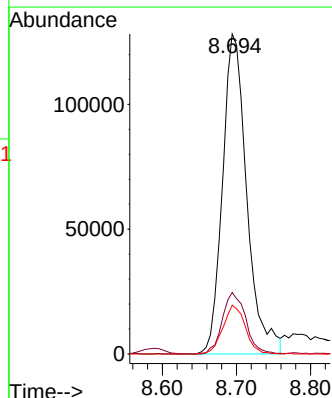
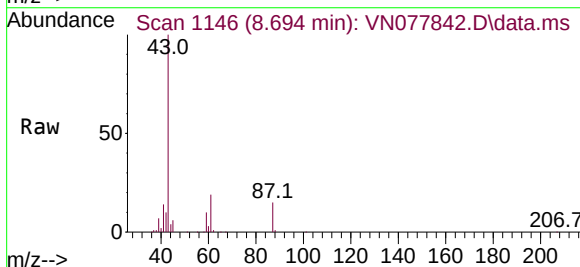
Tgt Ion: 43 Resp: 291846

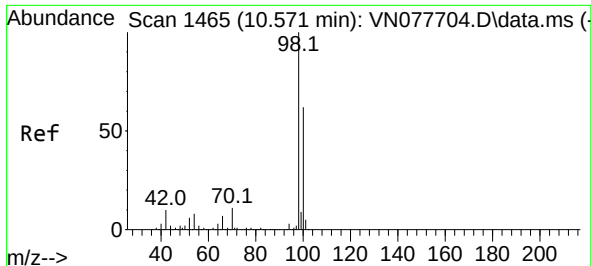
Ion Ratio Lower Upper

43 100

61 18.5 24.7 37.1#

87 14.0 14.6 21.8#

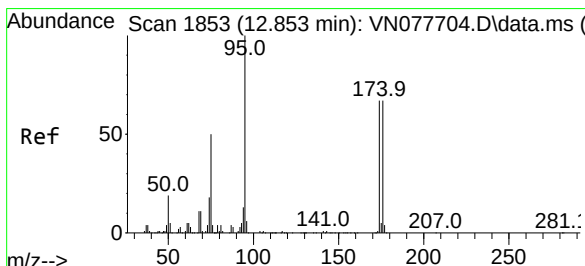
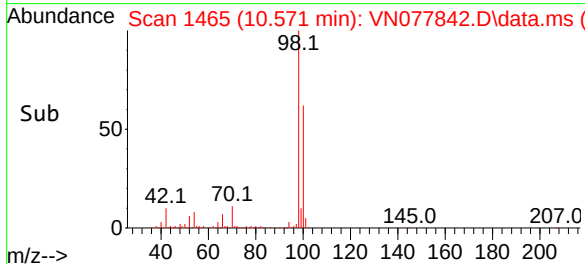
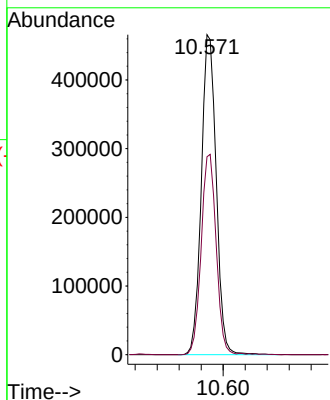
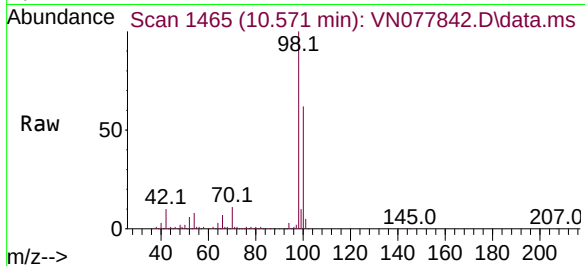




#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

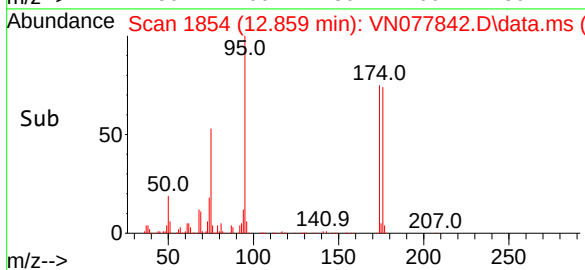
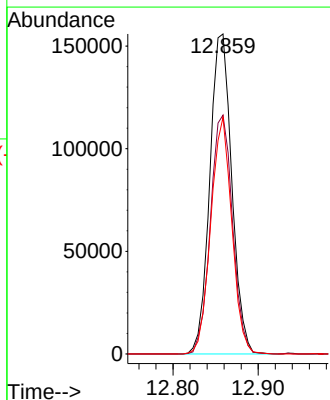
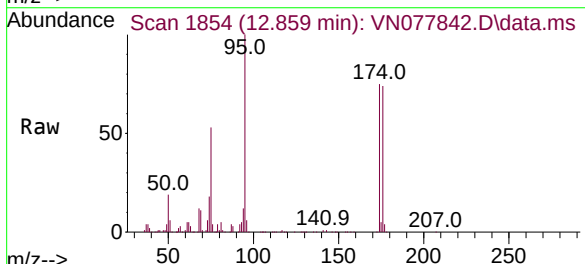
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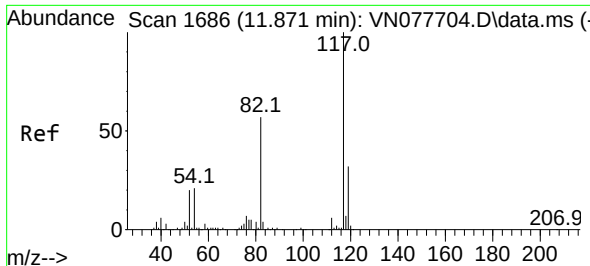
Tgt Ion: 98 Resp: 874634
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.192 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

Tgt Ion: 95 Resp: 279497
Ion Ratio Lower Upper
95 100
174 75.2 0.0 143.8
176 70.7 0.0 135.8

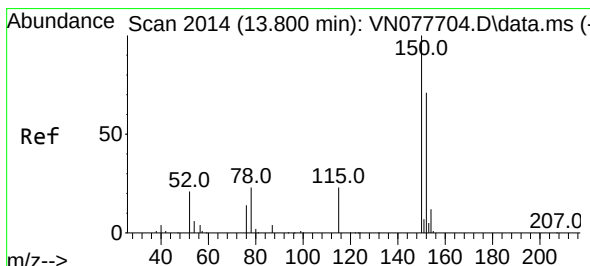
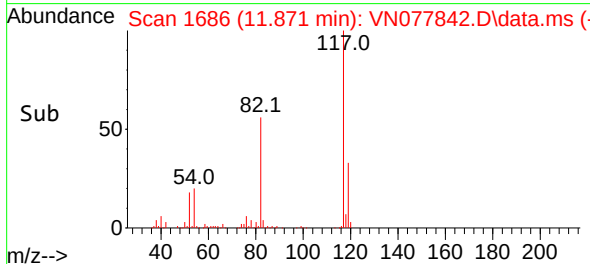
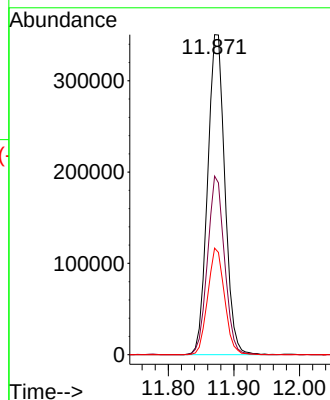
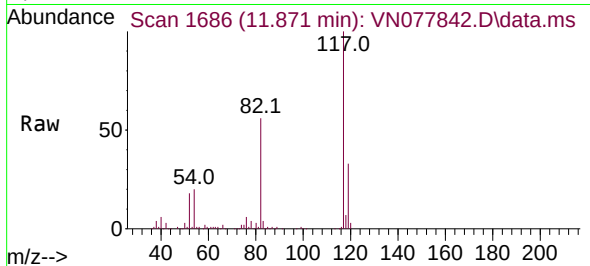




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077842.D
Acq: 24 May 2023 05:49

Instrument :
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Tgt Ion:117 Resp: 641277
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 33.3 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: VN077842.D
Acq: 24 May 2023 05:49

Tgt Ion:152 Resp: 215127
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 156.0 0.0 355.8

