

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041323\
 Data File : VN077324.D
 Acq On : 13 Apr 2023 13:23
 Operator : JC\MD
 Sample : 02292-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IDW-SO-VB1-041123

Quant Time: Apr 14 07:23:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

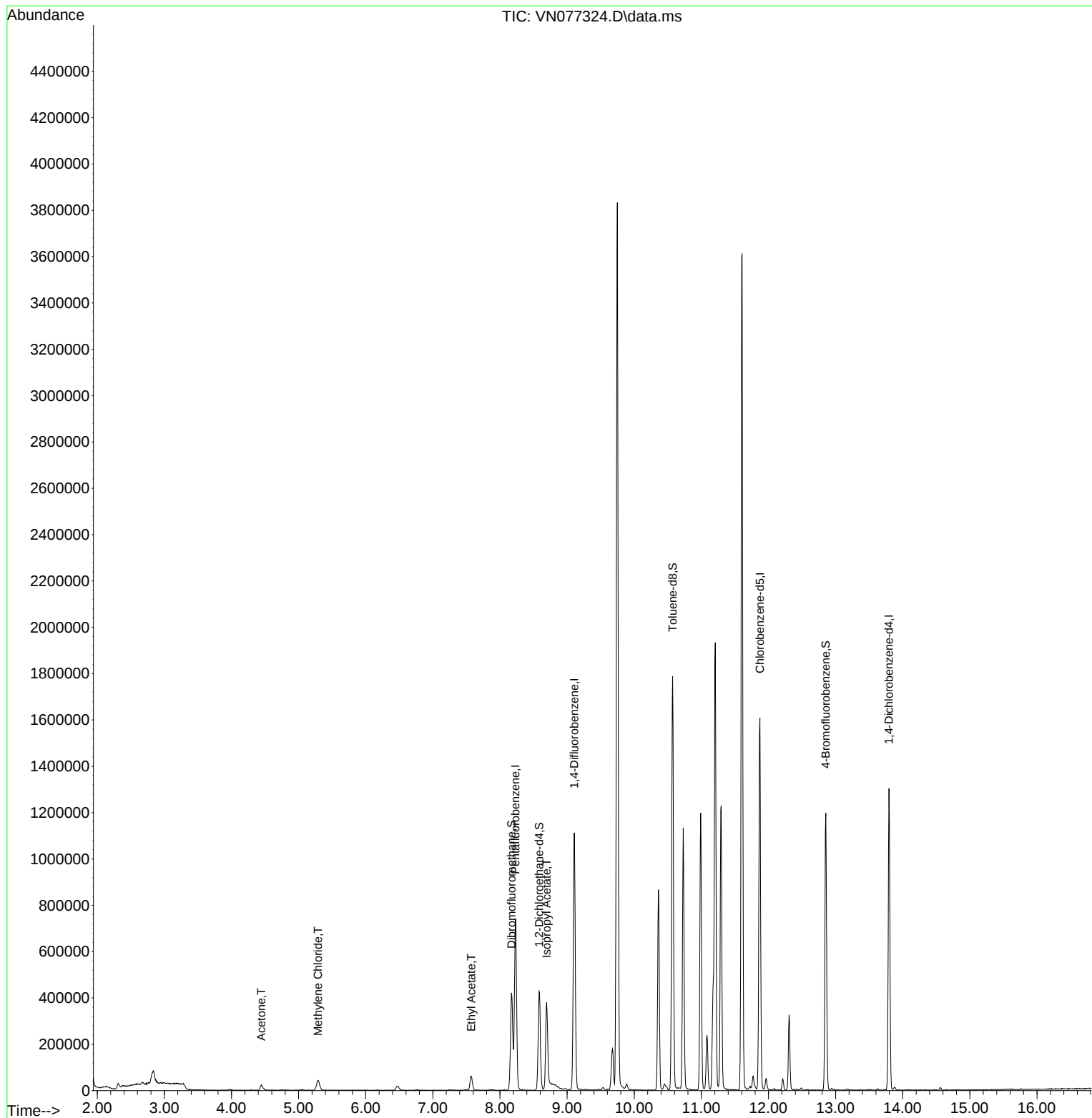
Internal Standards						
1) Pentafluorobenzene	8.231	168	525499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1014945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	949926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	341757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	334245	46.538	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.080%
35) Dibromofluoromethane	8.172	113	305437	47.009	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.020%
50) Toluene-d8	10.572	98	1289758	49.310	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.620%
62) 4-Bromofluorobenzene	12.854	95	421439	48.446	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.900%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	41950	15.842	ug/l	96
20) Methylene Chloride	5.290	84	38007	5.082	ug/l	93
37) Ethyl Acetate	7.572	43	90646	10.543	ug/l	96
43) Isopropyl Acetate	8.695	43	436298	27.501	ug/l #	90

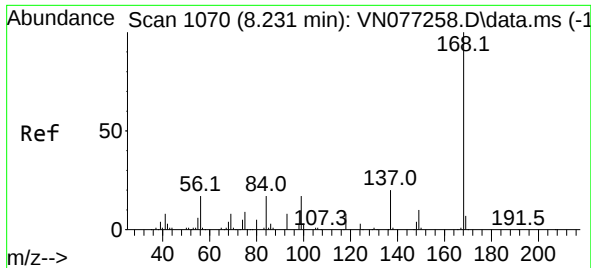
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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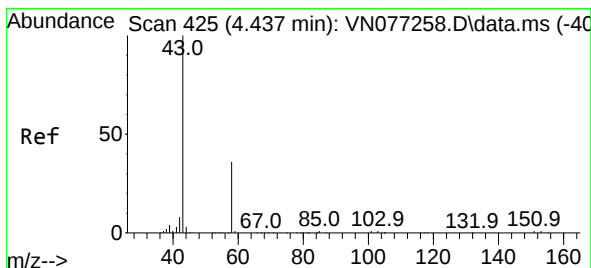
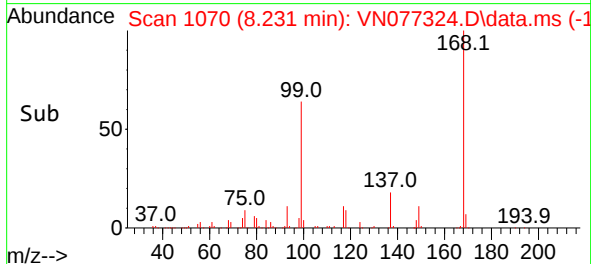
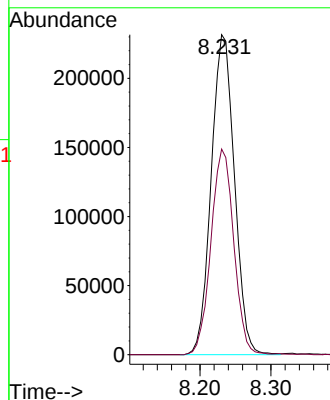
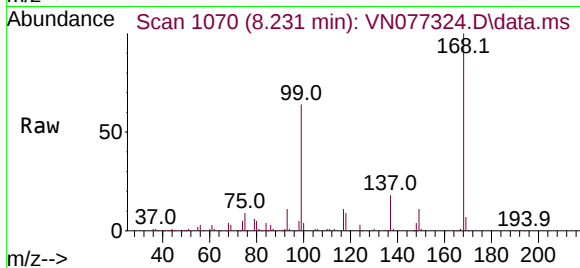




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077324.D
Acq: 13 Apr 2023 13:23

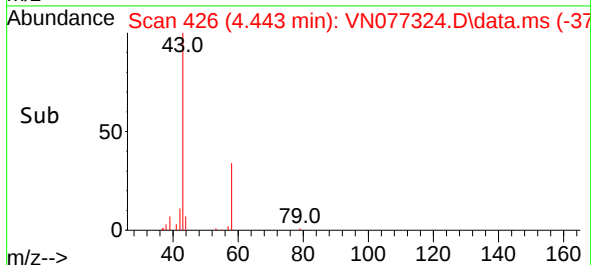
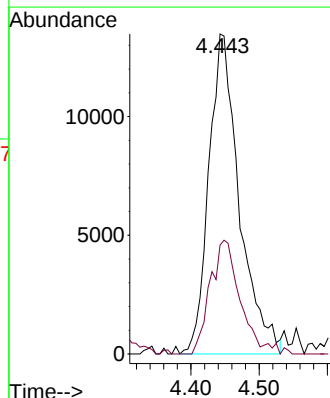
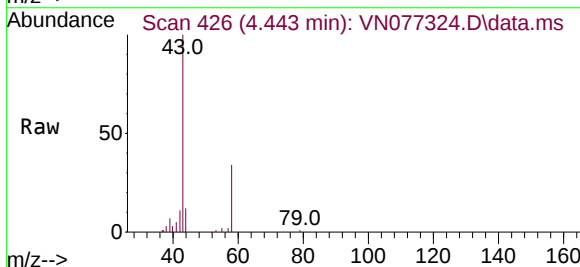
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-VB1-041123

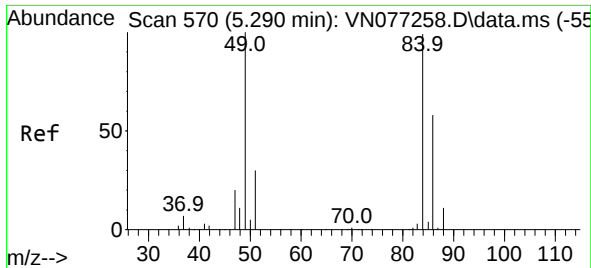
Tgt Ion:168 Resp: 525499
Ion Ratio Lower Upper
168 100
99 64.3 50.6 75.8



#16
Acetone
Concen: 15.842 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077324.D
Acq: 13 Apr 2023 13:23

Tgt Ion: 43 Resp: 41950
Ion Ratio Lower Upper
43 100
58 34.0 29.0 43.6

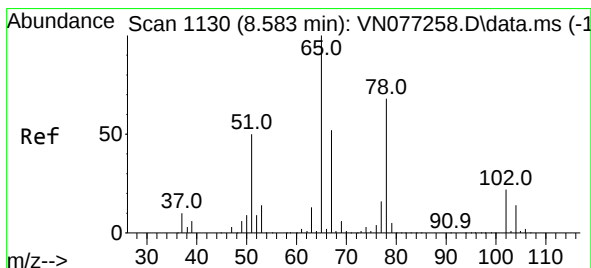
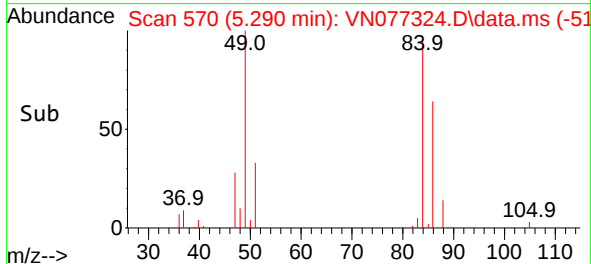
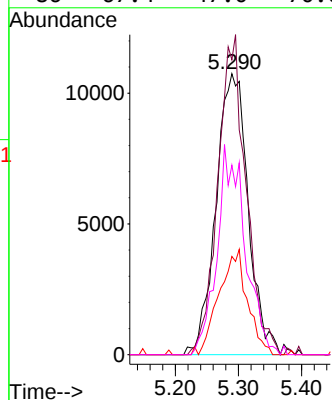
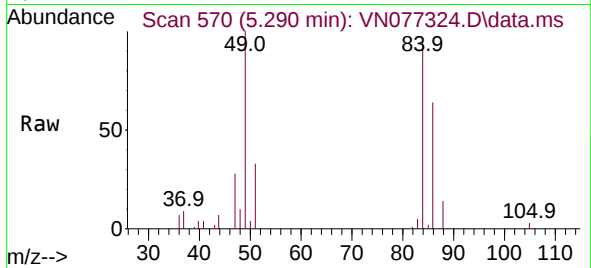




#20
Methylene Chloride
Concen: 5.082 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077324.D
Acq: 13 Apr 2023 13:23

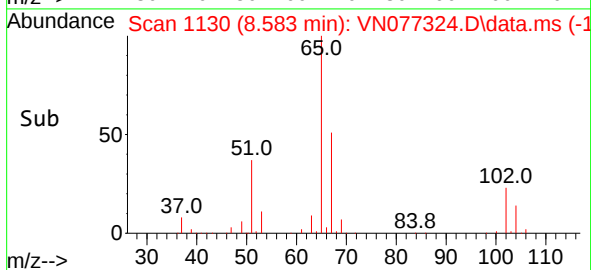
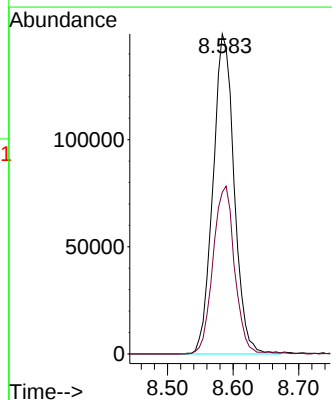
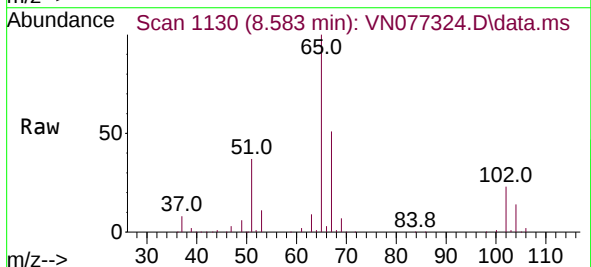
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-VB1-041123

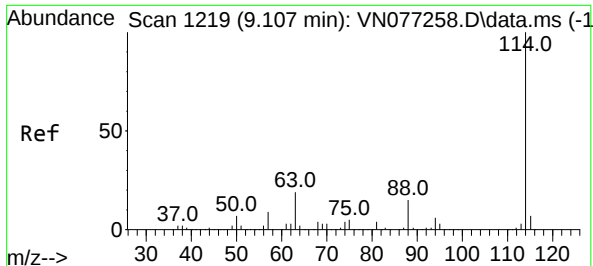
Tgt Ion:	84	Resp:	38007
Ion	Ratio	Lower	Upper
84	100		
49	104.9	80.6	121.0
51	35.0	24.4	36.6
86	67.4	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.538 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077324.D
Acq: 13 Apr 2023 13:23

Tgt Ion:	65	Resp:	334245
Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077324.D

Acq: 13 Apr 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-VB1-041123

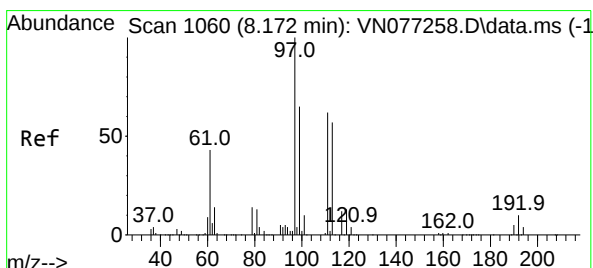
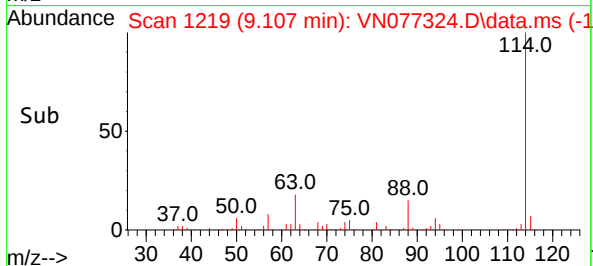
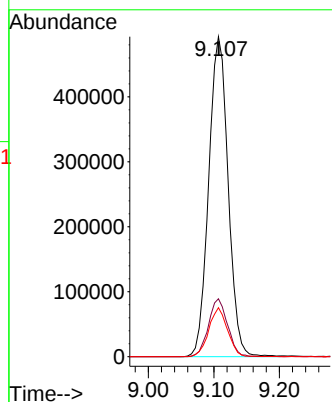
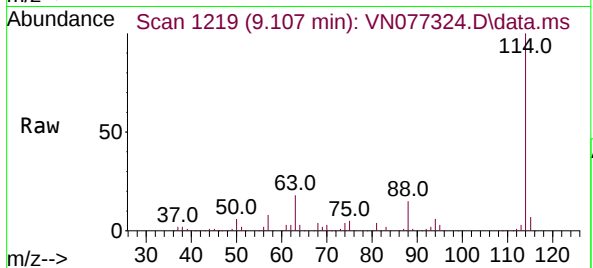
Tgt Ion:114 Resp: 1014945

Ion Ratio Lower Upper

114 100

63 18.1 0.0 37.8

88 15.3 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.009 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077324.D

Acq: 13 Apr 2023 13:23

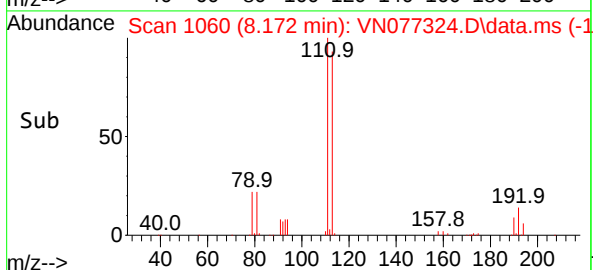
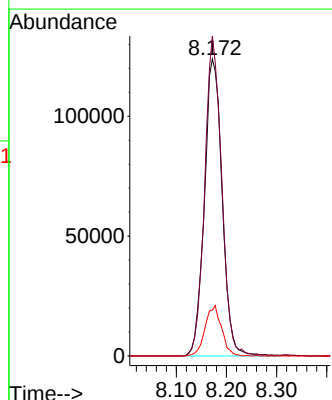
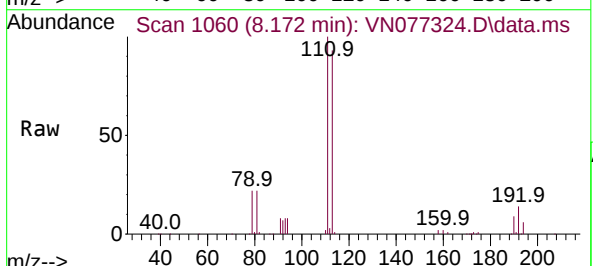
Tgt Ion:113 Resp: 305437

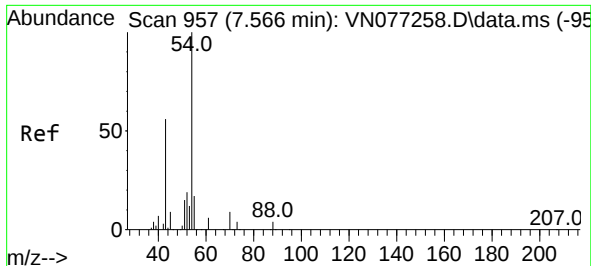
Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.0

192 15.7 13.5 20.3

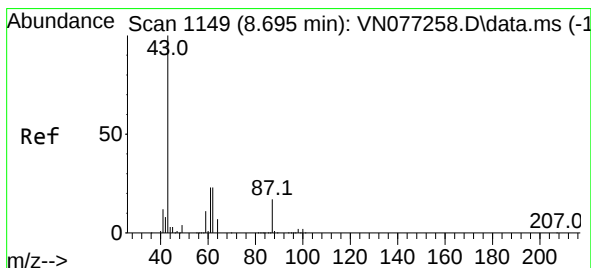
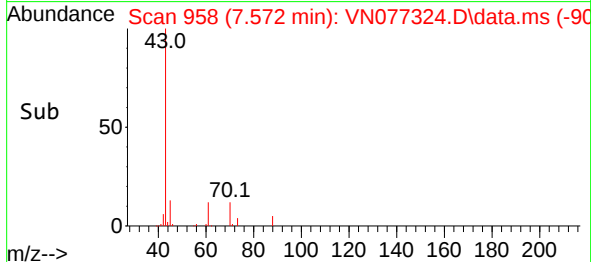
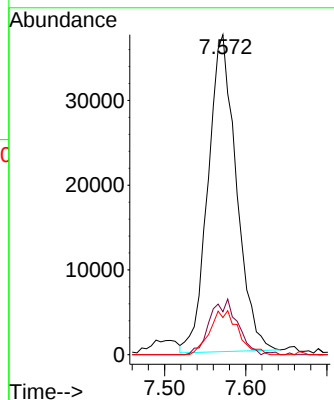
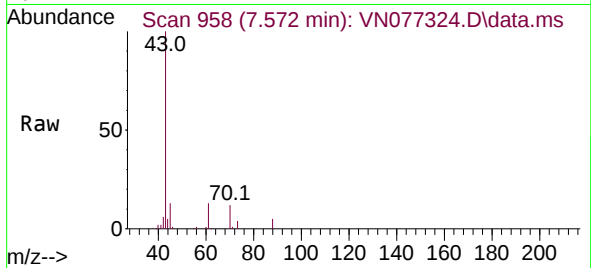




#37
Ethyl Acetate
Concen: 10.543 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077324.D
Acq: 13 Apr 2023 13:23

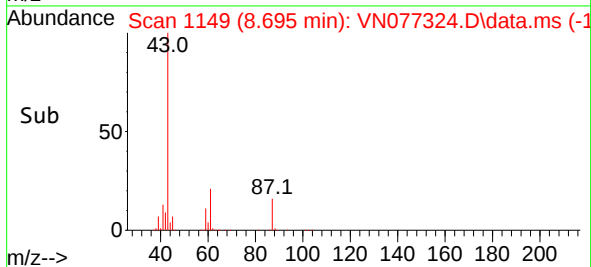
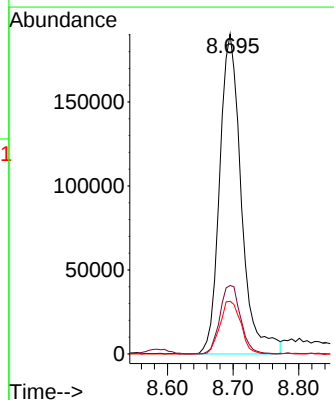
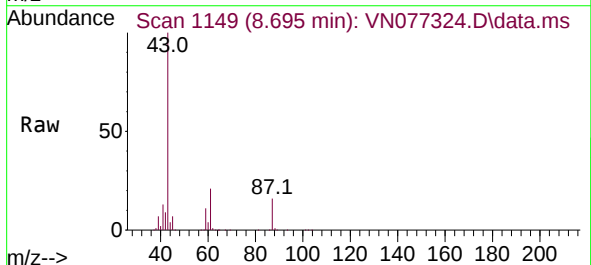
Instrument :
MSVOA_N
ClientSampleId :
IDW-SO-VB1-041123

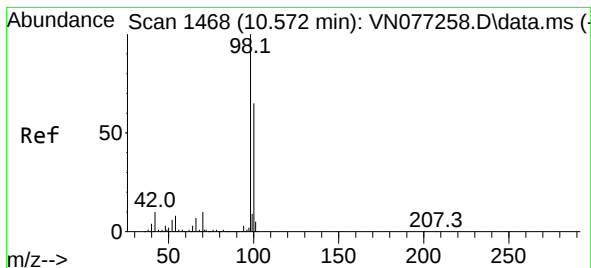
Tgt Ion: 43 Resp: 90646
Ion Ratio Lower Upper
43 100
61 17.2 12.2 18.2
70 14.0 10.0 15.0



#43
Isopropyl Acetate
Concen: 27.501 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077324.D
Acq: 13 Apr 2023 13:23

Tgt Ion: 43 Resp: 436298
Ion Ratio Lower Upper
43 100
61 20.4 22.7 34.1#
87 15.8 13.6 20.4





#50

Toluene-d8

Concen: 49.310 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077324.D

Acq: 13 Apr 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

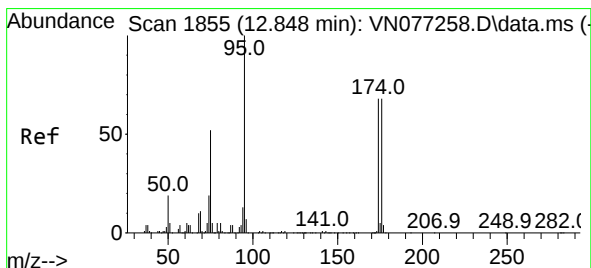
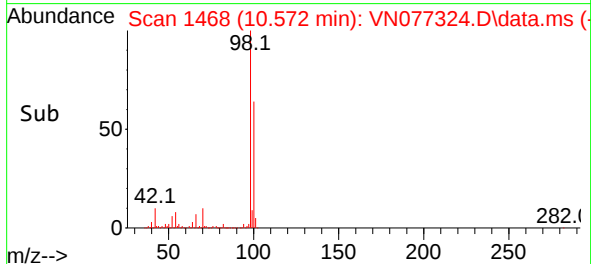
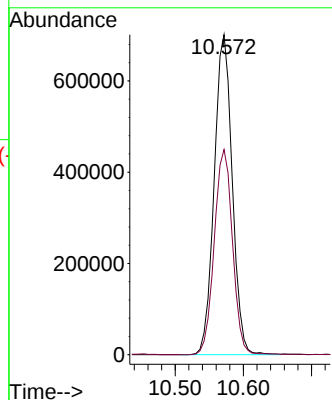
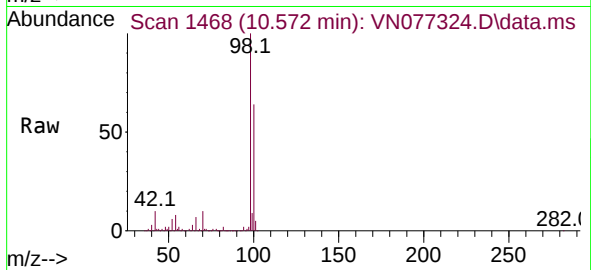
IDW-SO-VB1-041123

Tgt Ion: 98 Resp: 1289758

Ion Ratio Lower Upper

98 100

100 65.1 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 48.446 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN077324.D

Acq: 13 Apr 2023 13:23

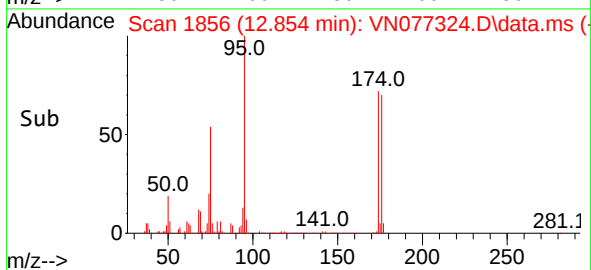
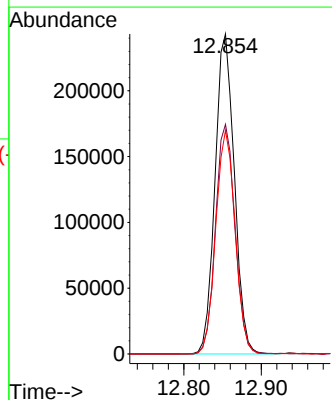
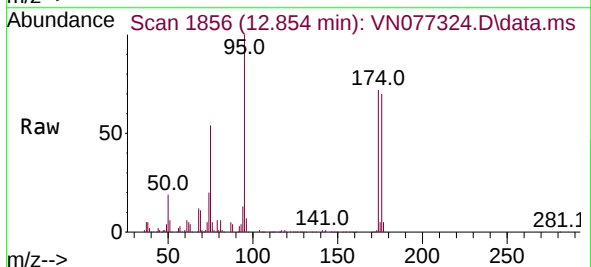
Tgt Ion: 95 Resp: 421439

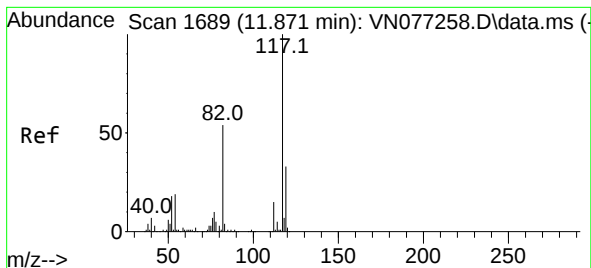
Ion Ratio Lower Upper

95 100

174 72.5 0.0 146.8

176 70.3 0.0 139.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077324.D

Acq: 13 Apr 2023 13:23

Instrument :

MSVOA_N

ClientSampleId :

IDW-SO-VB1-041123

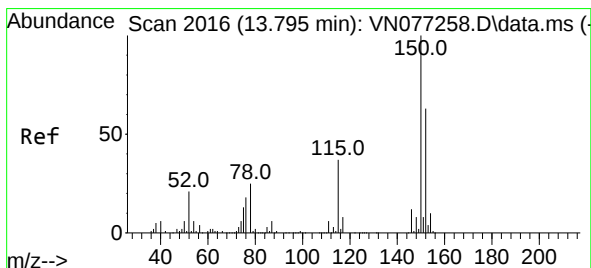
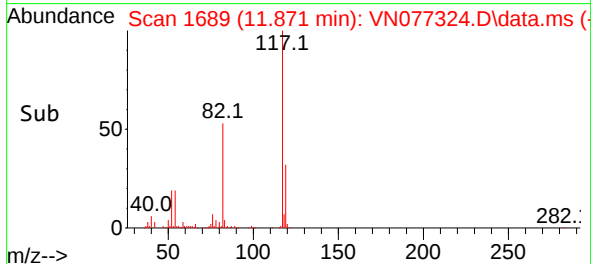
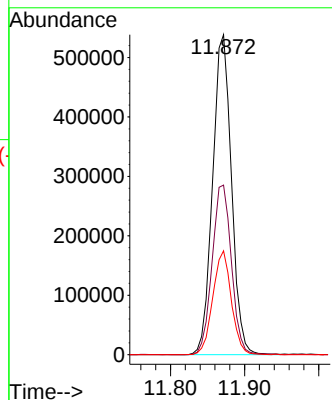
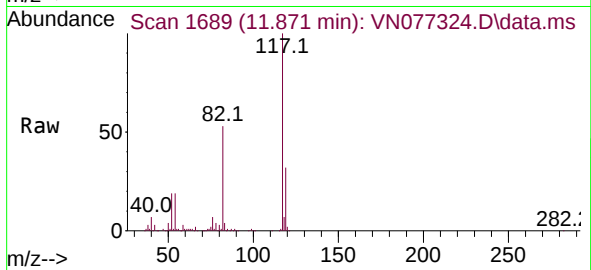
Tgt Ion:117 Resp: 949926

Ion Ratio Lower Upper

117 100

82 53.0 42.9 64.3

119 32.4 26.2 39.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077324.D

Acq: 13 Apr 2023 13:23

Tgt Ion:152 Resp: 341757

Ion Ratio Lower Upper

152 100

115 62.5 32.1 96.3

150 156.7 0.0 354.8

