

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077397.D
 Acq On : 20 Apr 2023 13:57
 Operator : JC\MD
 Sample : 02389-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SPB-1WC-23-04-17

Quant Time: Apr 21 02:39:36 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)

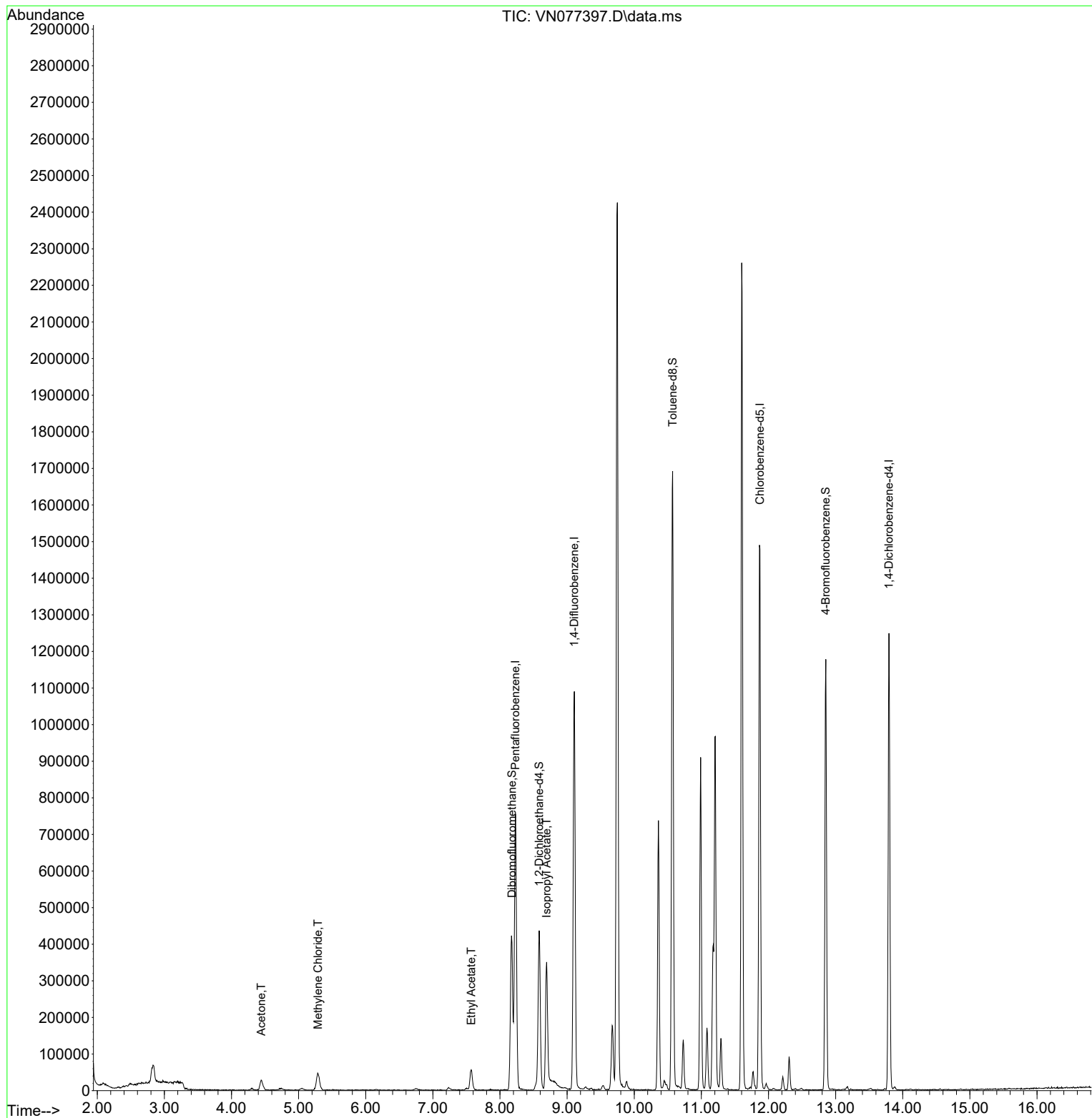
Internal Standards						
1) Pentafluorobenzene	8.231	168	541157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1005559	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	910804	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	338651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	345693	46.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.480%
35) Dibromofluoromethane	8.178	113	310641	48.257	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	10.572	98	1248163	48.165	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.854	95	409111	47.467	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	51097	18.737	ug/l #	81
20) Methylene Chloride	5.290	84	40592	5.271	ug/l	96
37) Ethyl Acetate	7.572	43	81773	9.600	ug/l #	94
43) Isopropyl Acetate	8.695	43	402139	25.584	ug/l #	89

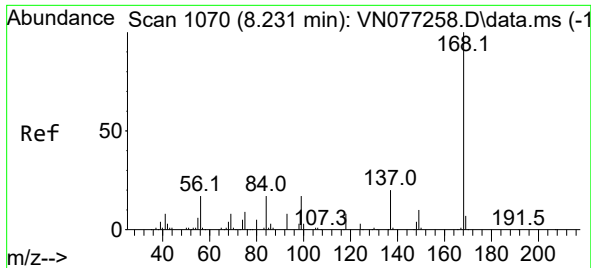
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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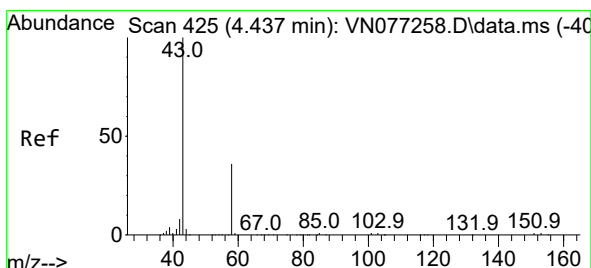
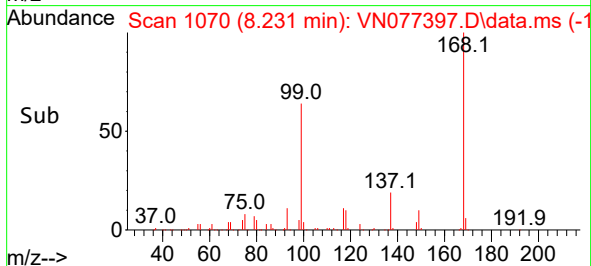
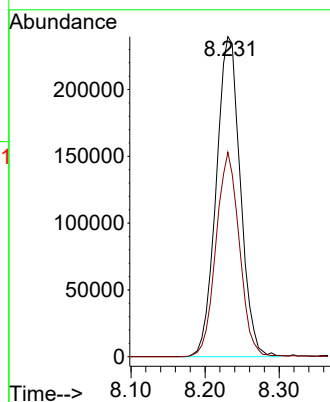
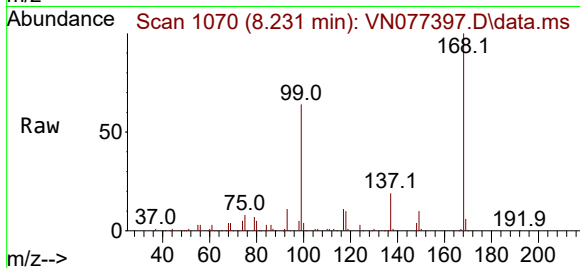




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

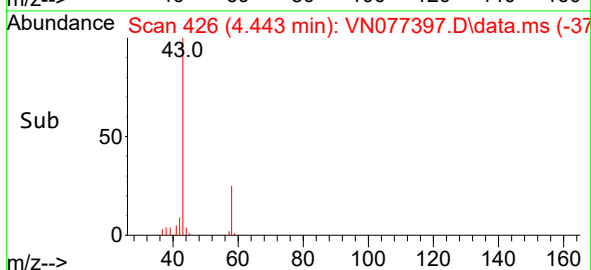
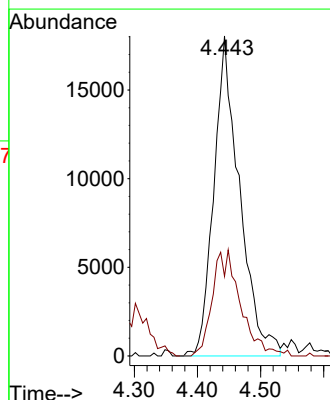
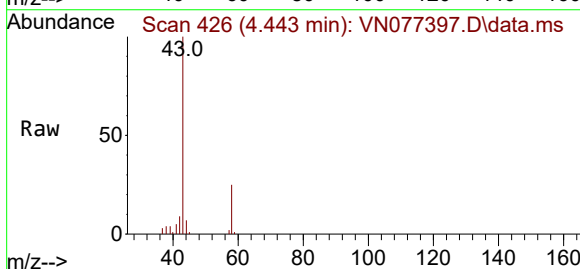
Instrument :
MSVOA_N
ClientSampleId :
SPB-1WC-23-04-17

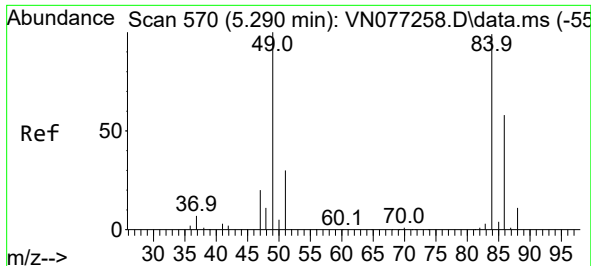
Tgt Ion:168 Resp: 541157
Ion Ratio Lower Upper
168 100
99 63.9 50.6 75.8



#16
Acetone
Concen: 18.737 ug/l
RT: 4.443 min Scan# 426
Delta R.T. 0.006 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

Tgt Ion: 43 Resp: 51097
Ion Ratio Lower Upper
43 100
58 24.9 29.0 43.6#

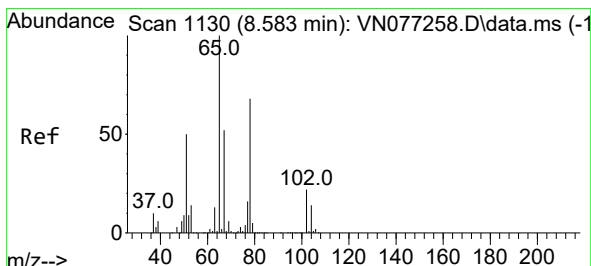
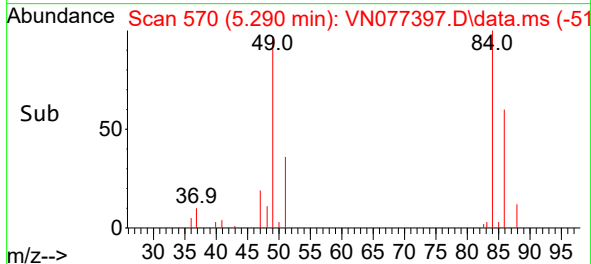
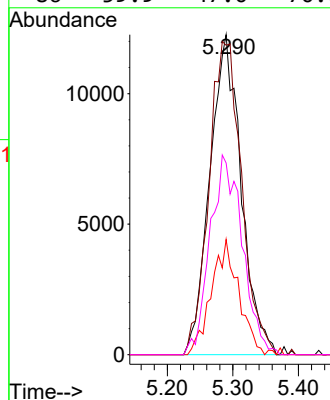
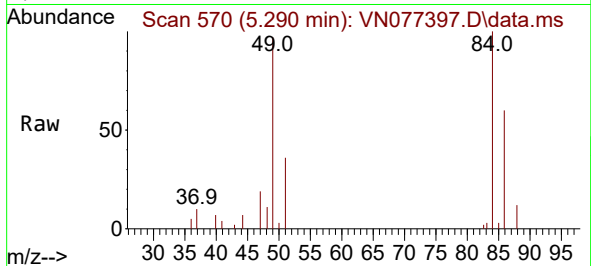




#20
Methylene Chloride
Concen: 5.271 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

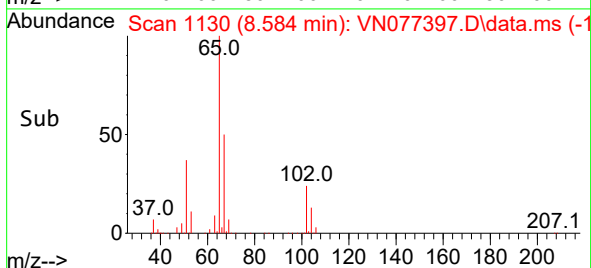
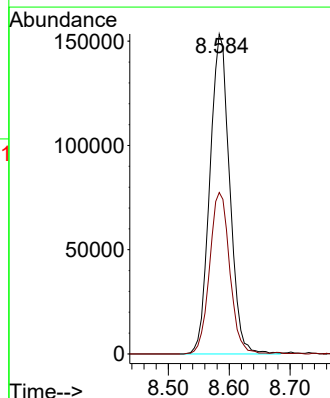
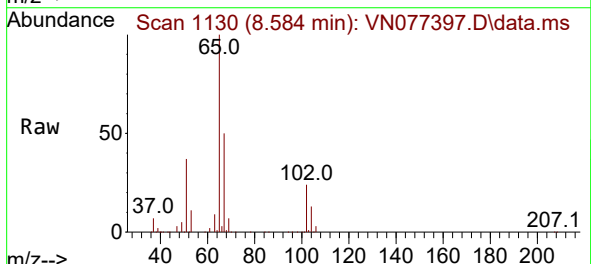
Instrument :
MSVOA_N
ClientSampleId :
SPB-1WC-23-04-17

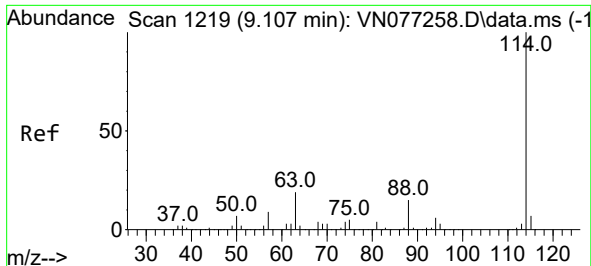
Tgt Ion:	84	Resp:	40592
Ion	Ratio	Lower	Upper
84	100		
49	96.7	80.6	121.0
51	36.0	24.4	36.6
86	59.9	47.0	70.6



#33
1,2-Dichloroethane-d4
Concen: 46.739 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

Tgt Ion:	65	Resp:	345693
Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	108.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077397.D

Acq: 20 Apr 2023 13:57

Instrument :

MSVOA_N

ClientSampleId :

SPB-1WC-23-04-17

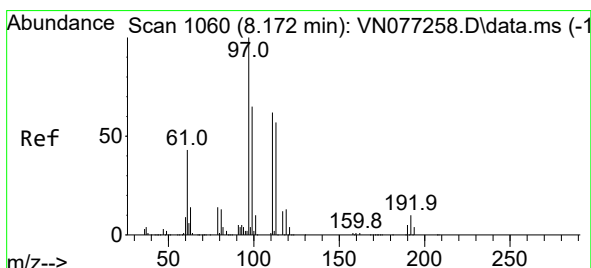
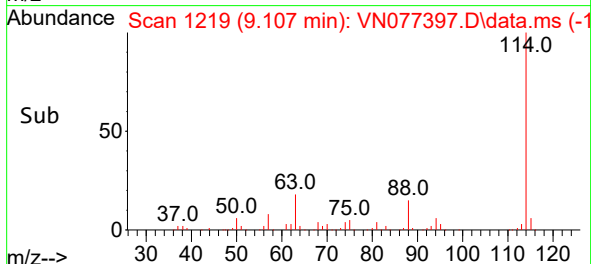
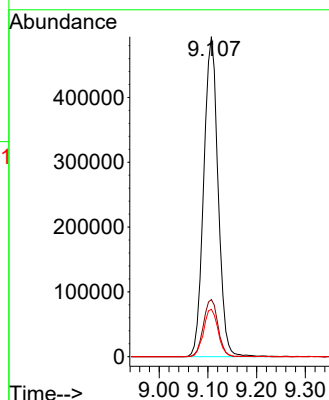
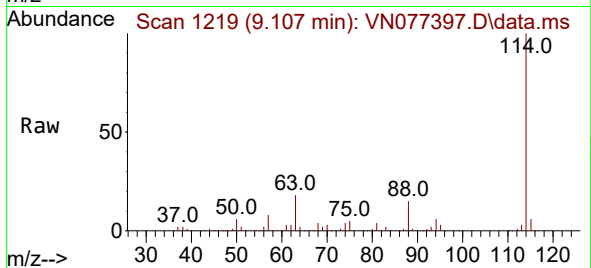
Tgt Ion:114 Resp: 1005559

Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.8

88 14.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 48.257 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077397.D

Acq: 20 Apr 2023 13:57

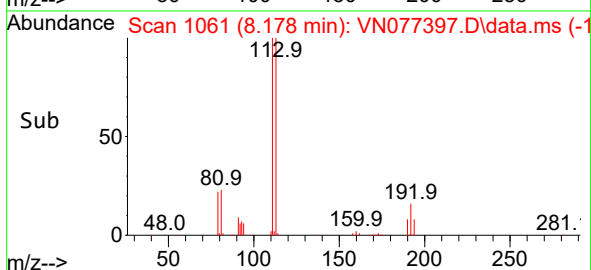
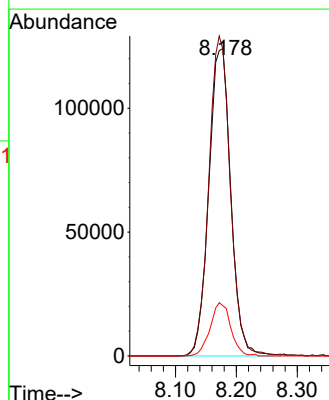
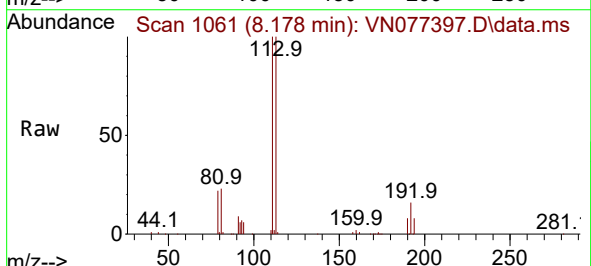
Tgt Ion:113 Resp: 310641

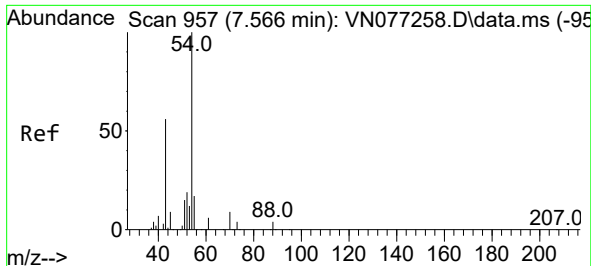
Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 16.3 13.5 20.3

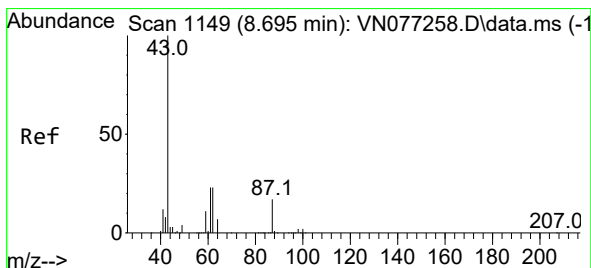
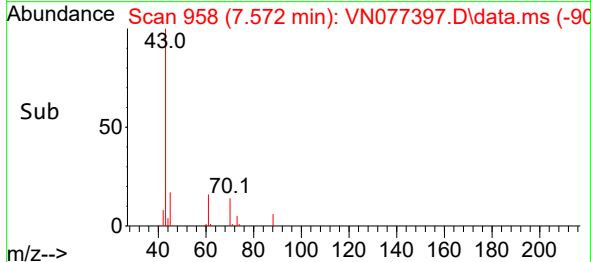
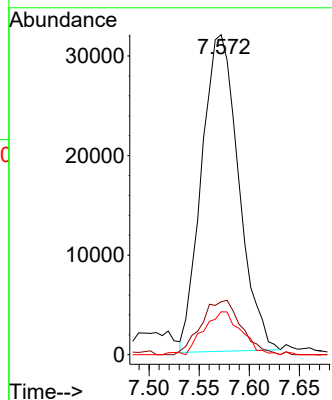
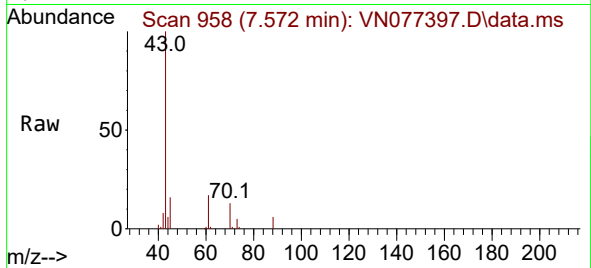




#37
Ethyl Acetate
Concen: 9.600 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

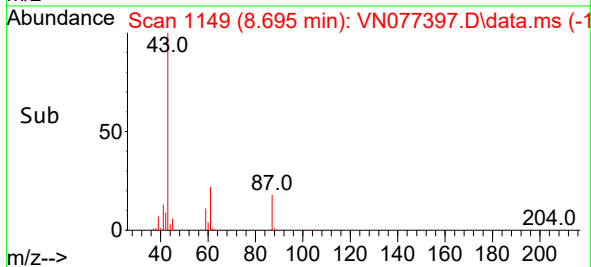
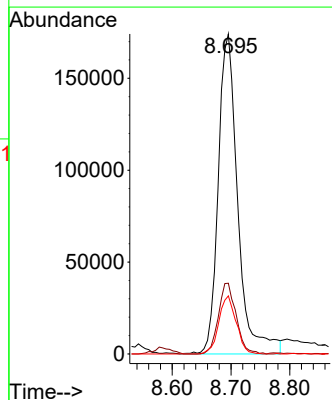
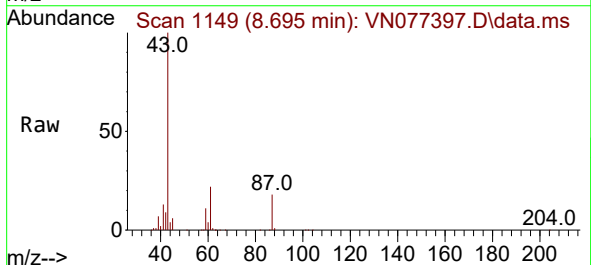
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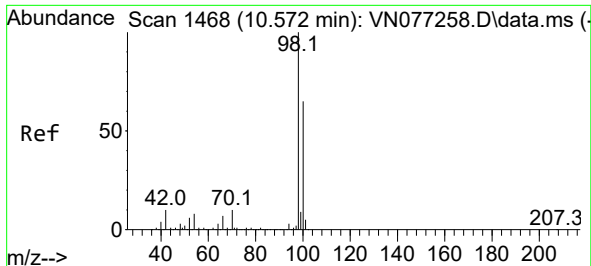
Tgt Ion: 43 Resp: 81773
Ion Ratio Lower Upper
43 100
61 18.6 12.2 18.2#
70 13.8 10.0 15.0



#43
Isopropyl Acetate
Concen: 25.584 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

Tgt Ion: 43 Resp: 402139
Ion Ratio Lower Upper
43 100
61 20.1 22.7 34.1#
87 16.1 13.6 20.4

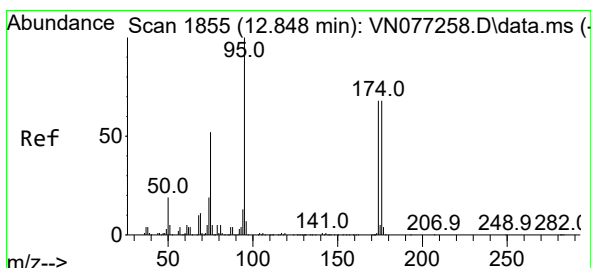
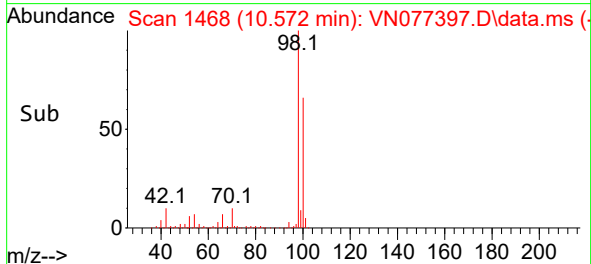
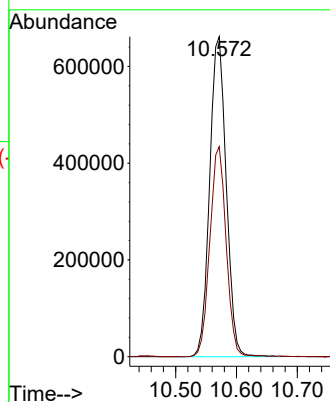
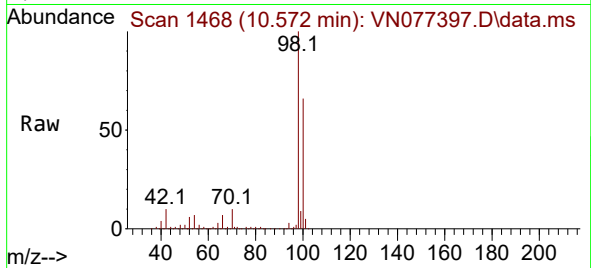




#50
Toluene-d8
Concen: 48.165 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

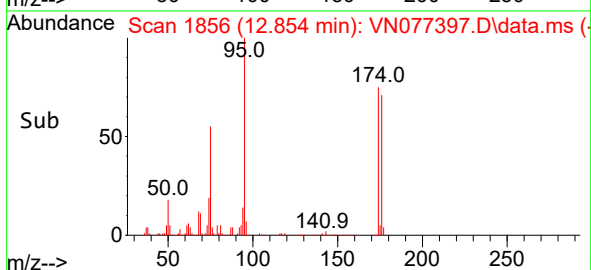
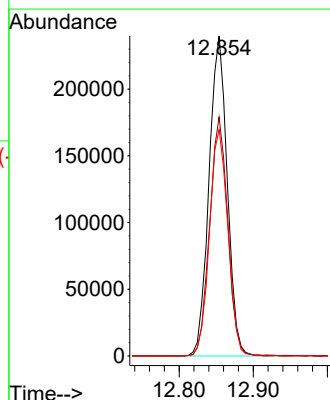
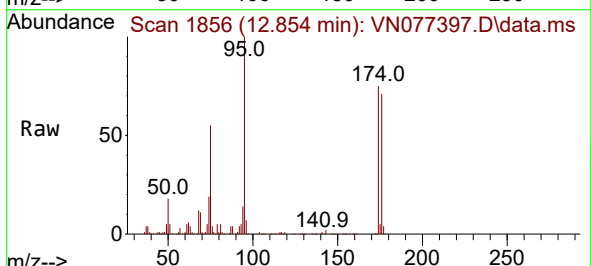
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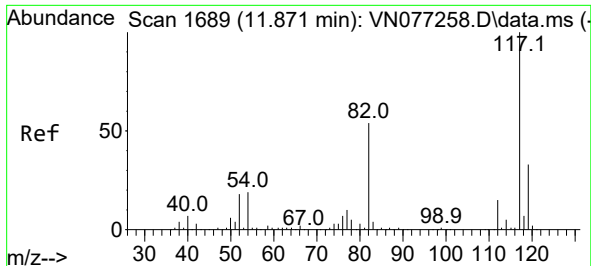
Tgt Ion: 98 Resp: 1248163
Ion Ratio Lower Upper
98 100
100 64.7 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 47.467 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

Tgt Ion: 95 Resp: 409111
Ion Ratio Lower Upper
95 100
174 74.2 0.0 146.8
176 71.2 0.0 139.6

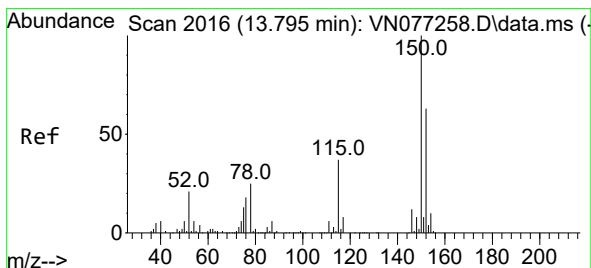
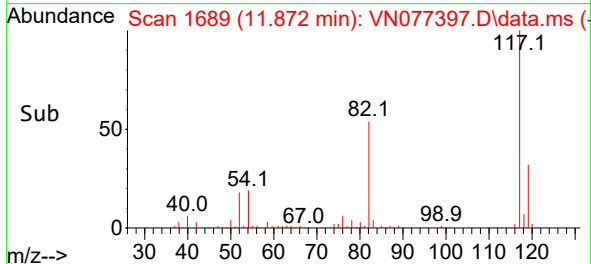
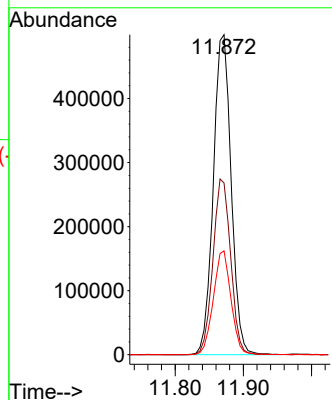
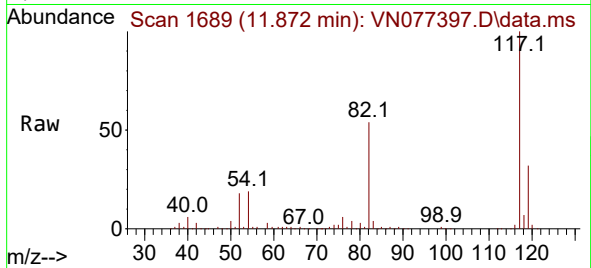




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077397.D
Acq: 20 Apr 2023 13:57

Instrument :
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Tgt Ion:117 Resp: 910804
Ion Ratio Lower Upper
117 100
82 53.6 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: VN077397.D
Acq: 20 Apr 2023 13:57

Tgt Ion:152 Resp: 338651
Ion Ratio Lower Upper
152 100
115 61.6 32.1 96.3
150 154.9 0.0 354.8

