

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077404.D
 Acq On : 20 Apr 2023 16:46
 Operator : JC\MD
 Sample : 02390-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Apr 21 02:40:49 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)

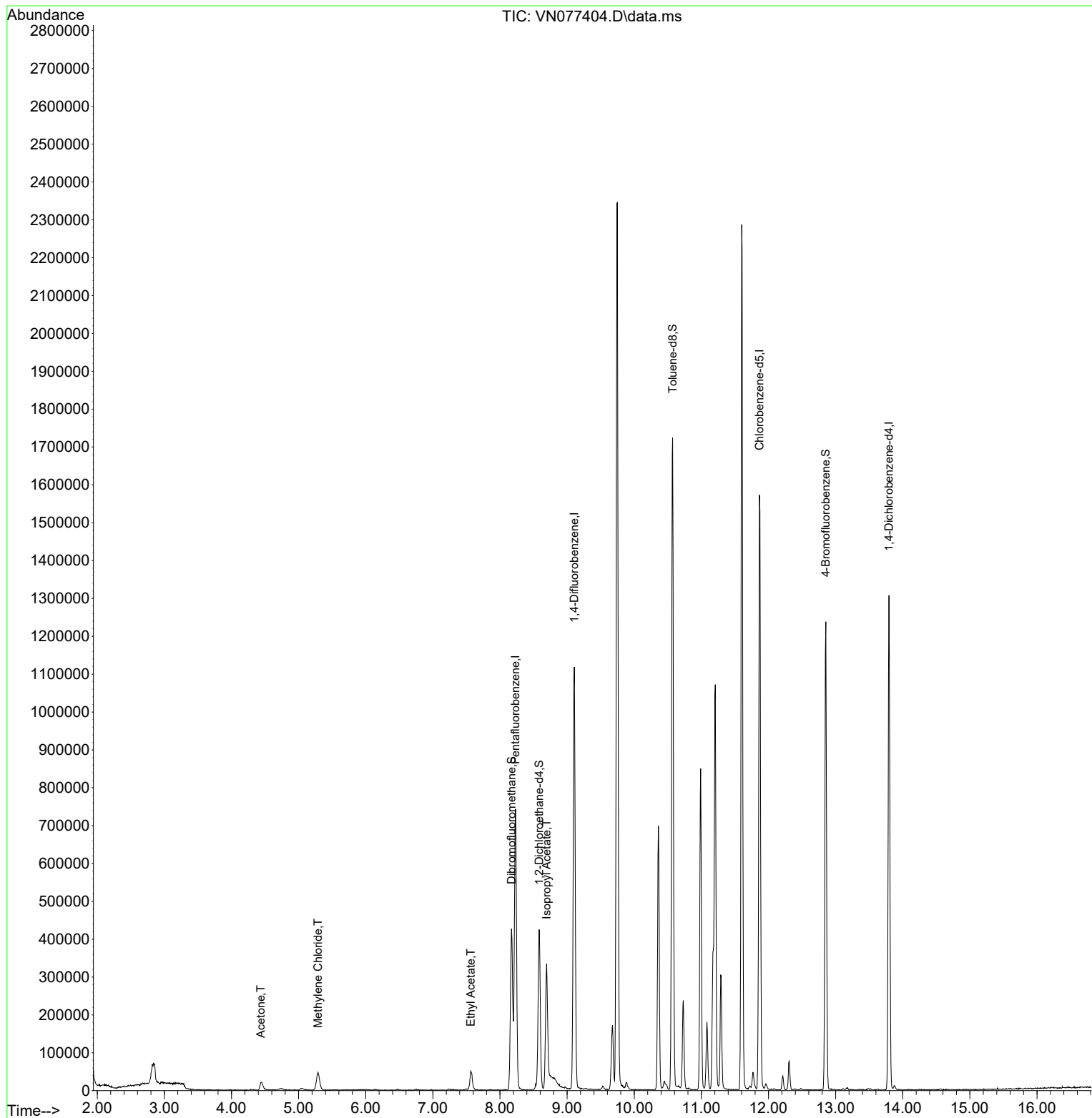
Internal Standards						
1) Pentafluorobenzene	8.231	168	537827	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1023565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	976272	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	332027	45.170	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.340%
35) Dibromofluoromethane	8.172	113	305630	46.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	10.572	98	1259821	47.760	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.520%
62) 4-Bromofluorobenzene	12.854	95	423446	48.266	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.540%
Target Compounds						
					Qvalue	
16) Acetone	4.437	43	41566	15.337	ug/l	93
20) Methylene Chloride	5.290	84	40827	5.334	ug/l	100
37) Ethyl Acetate	7.566	43	73141	8.435	ug/l #	94
43) Isopropyl Acetate	8.695	43	394032	24.627	ug/l #	88

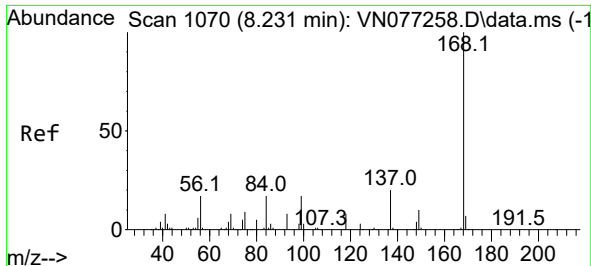
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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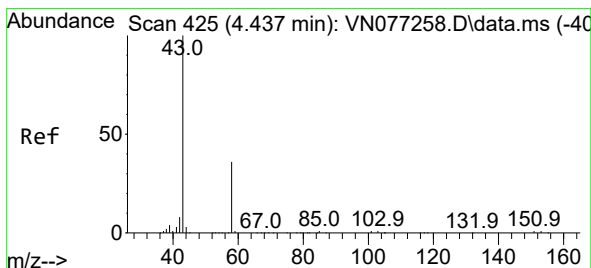
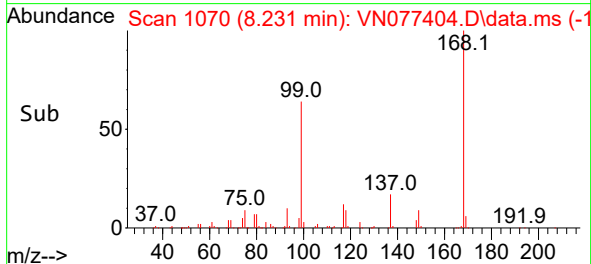
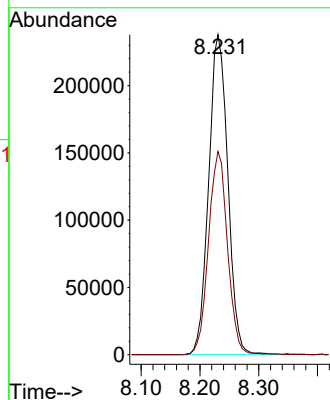
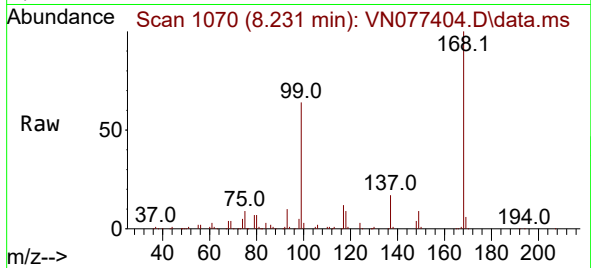




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

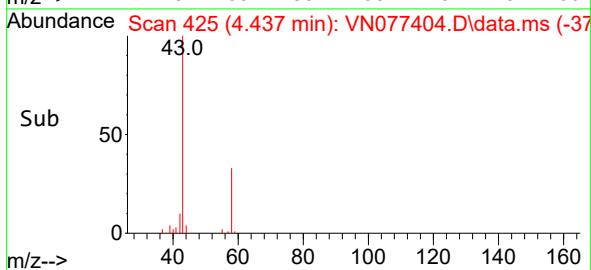
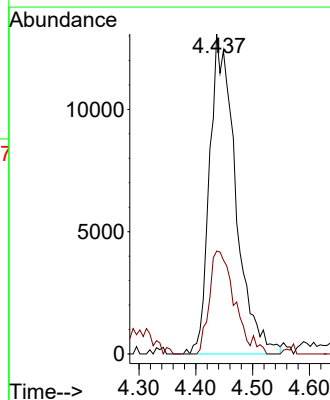
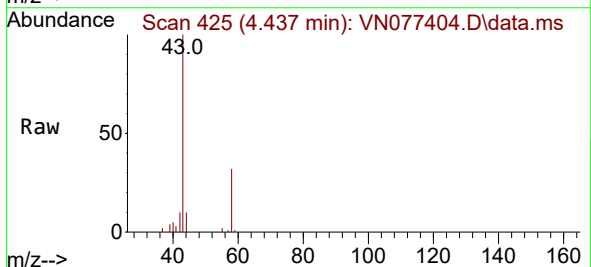
Instrument :
MSVOA_N
ClientSampleId :
SPC-1WC-23-04-17

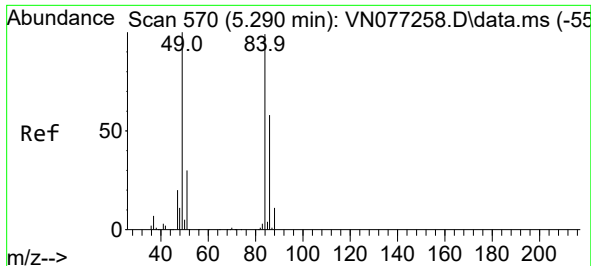
Tgt Ion:168 Resp: 537827
Ion Ratio Lower Upper
168 100
99 63.5 50.6 75.8



#16
Acetone
Concen: 15.337 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

Tgt Ion: 43 Resp: 41566
Ion Ratio Lower Upper
43 100
58 32.2 29.0 43.6

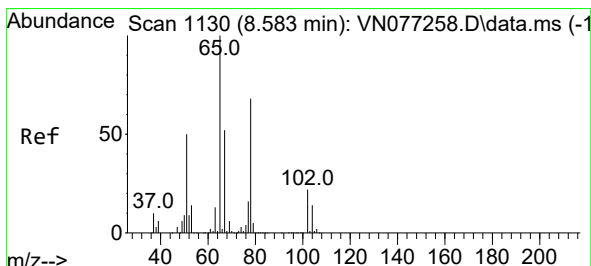
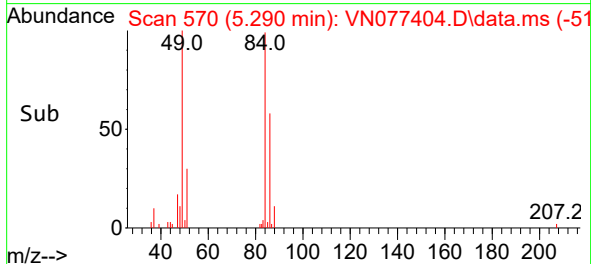
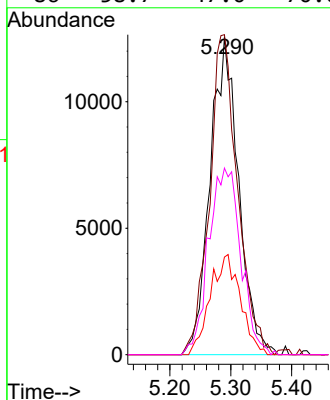
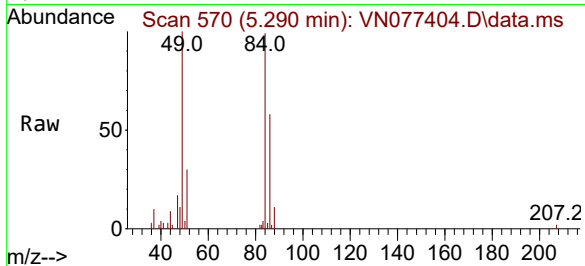




#20
Methylene Chloride
Concen: 5.334 ug/l
RT: 5.290 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

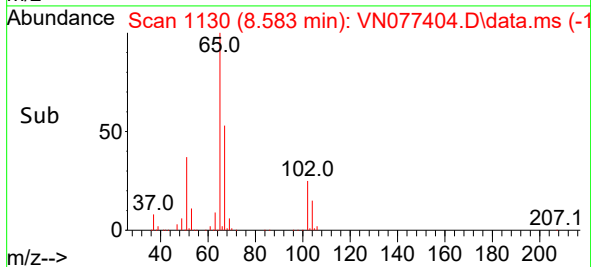
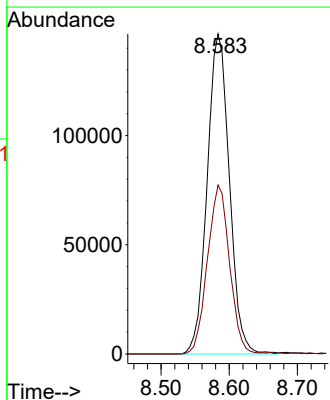
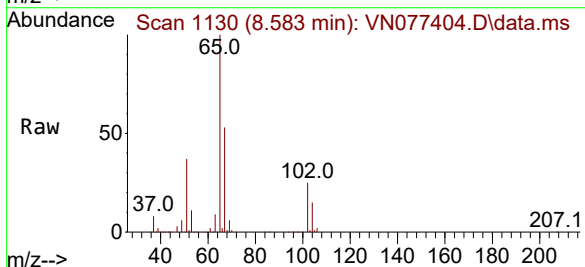
Instrument :
MSVOA_N
ClientSampleId :
SPC-1WC-23-04-17

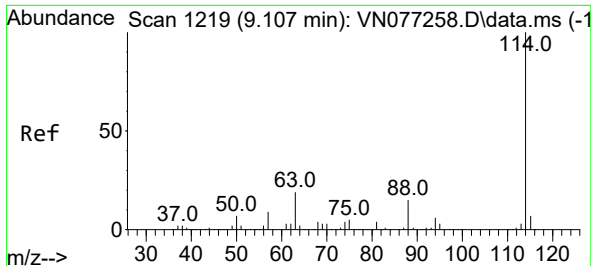
Tgt Ion: 84 Resp: 40827
Ion Ratio Lower Upper
84 100
49 100.6 80.6 121.0
51 30.7 24.4 36.6
86 58.7 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 45.170 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

Tgt Ion: 65 Resp: 332027
Ion Ratio Lower Upper
65 100
67 52.7 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: VN077404.D

Acq: 20 Apr 2023 16:46

Instrument :

MSVOA_N

ClientSampleId :

SPC-1WC-23-04-17

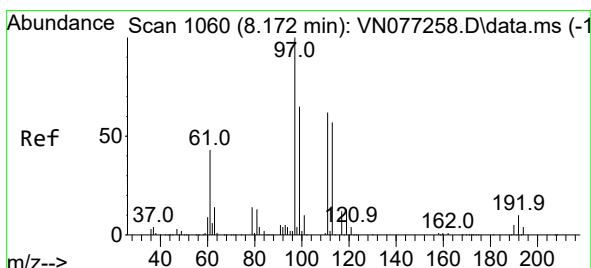
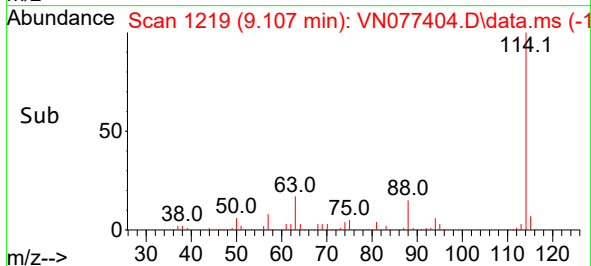
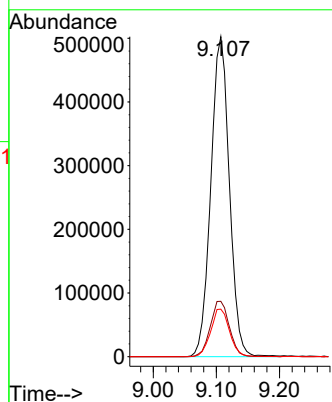
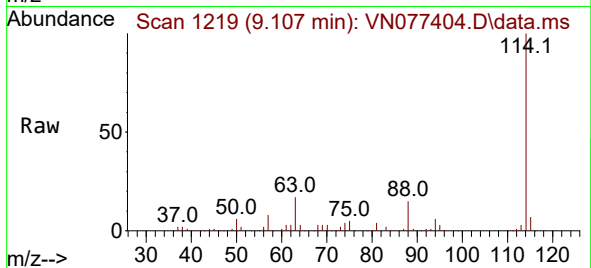
Tgt Ion:114 Resp: 1023565

Ion Ratio Lower Upper

114 100

63 17.3 0.0 37.8

88 14.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 46.643 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077404.D

Acq: 20 Apr 2023 16:46

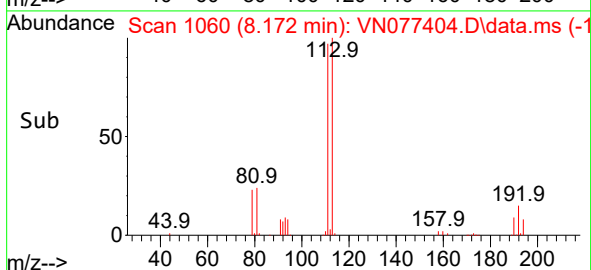
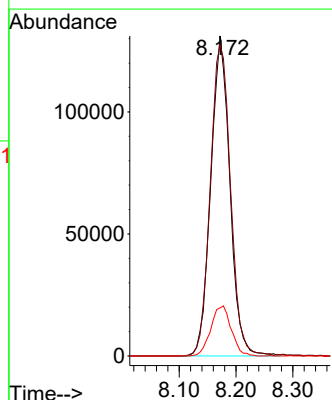
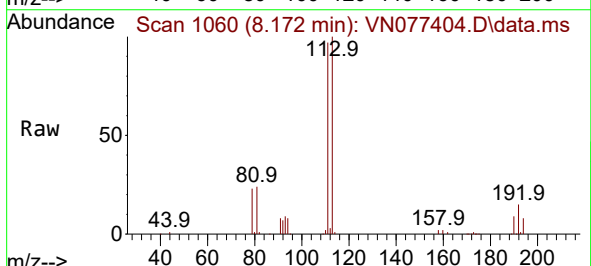
Tgt Ion:113 Resp: 305630

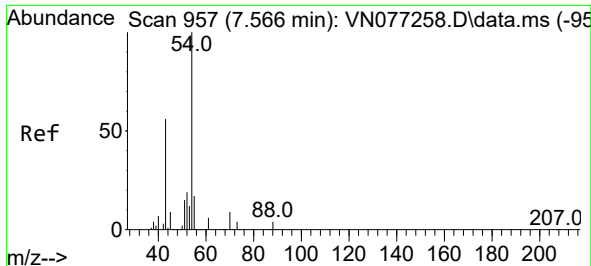
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.0

192 16.7 13.5 20.3

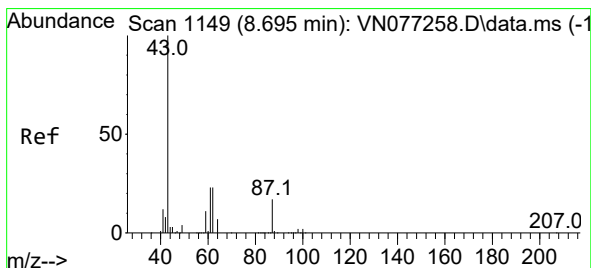
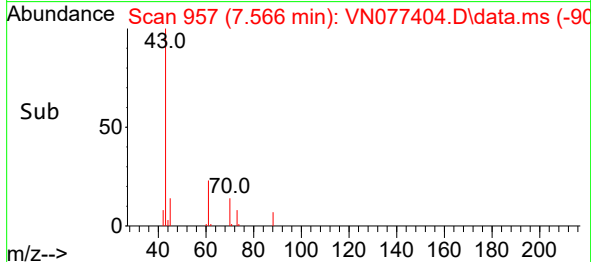
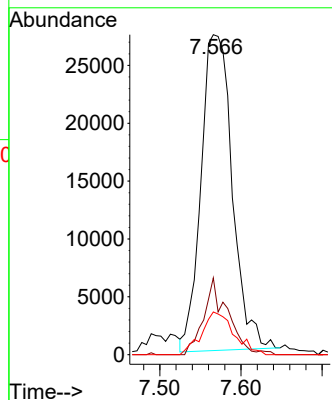
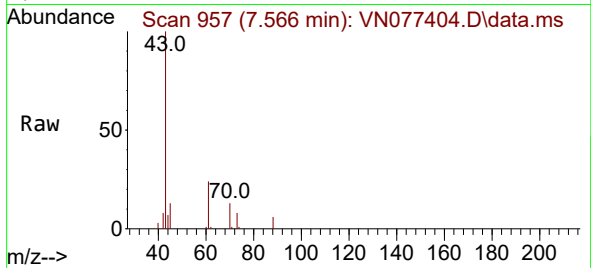




#37
Ethyl Acetate
Concen: 8.435 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

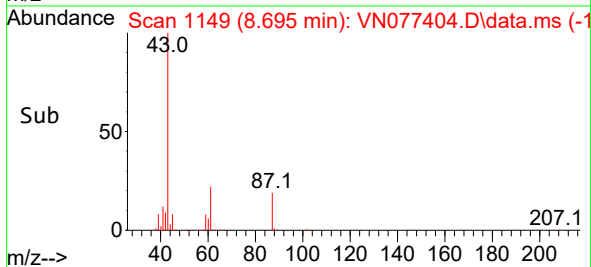
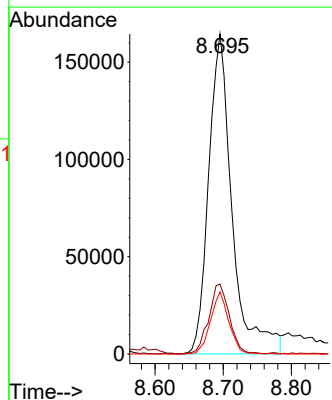
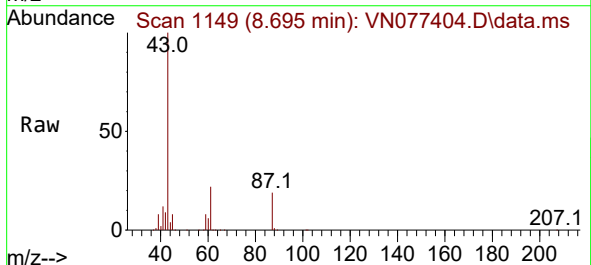
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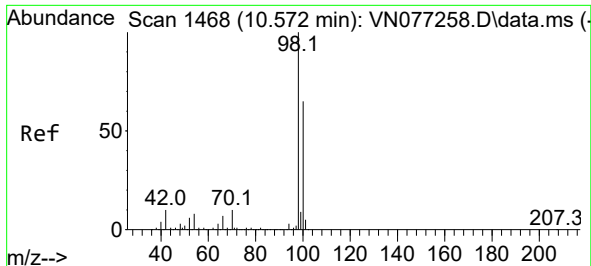
Tgt Ion: 43 Resp: 73141
Ion Ratio Lower Upper
43 100
61 18.4 12.2 18.2#
70 13.9 10.0 15.0



#43
Isopropyl Acetate
Concen: 24.627 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

Tgt Ion: 43 Resp: 394032
Ion Ratio Lower Upper
43 100
61 19.3 22.7 34.1#
87 15.1 13.6 20.4

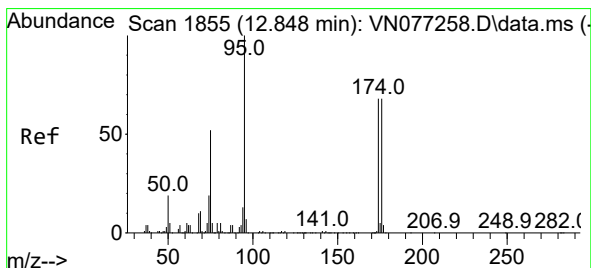
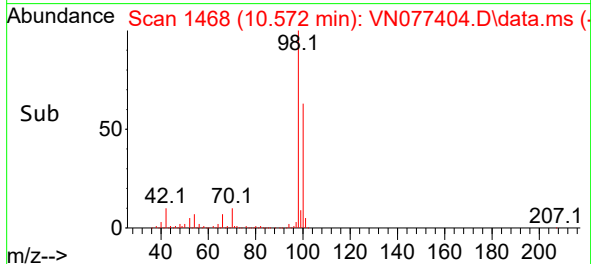
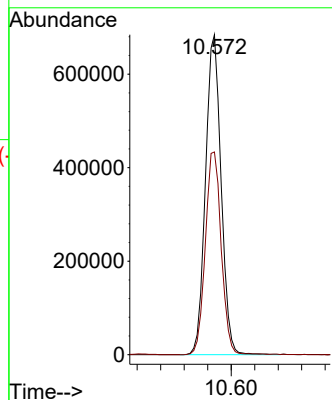
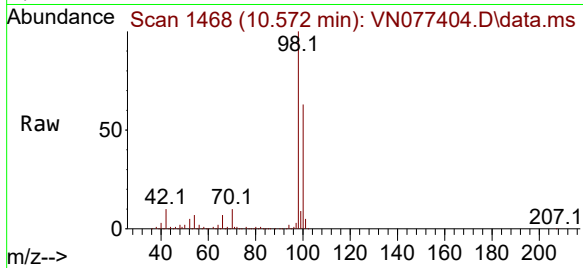




#50
Toluene-d8
Concen: 47.760 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

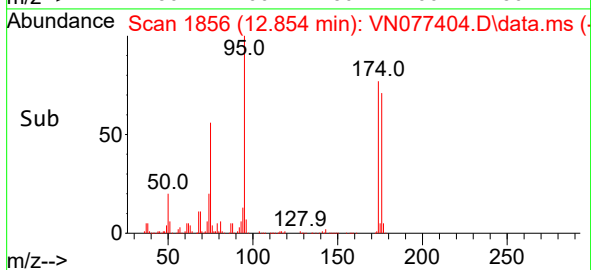
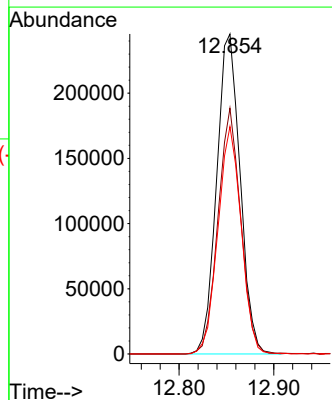
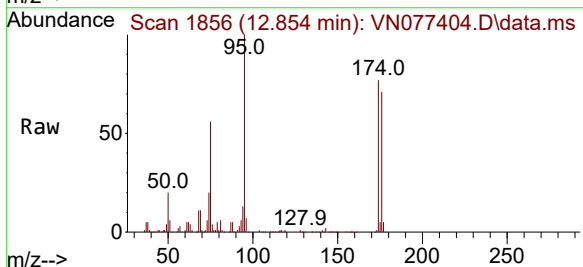
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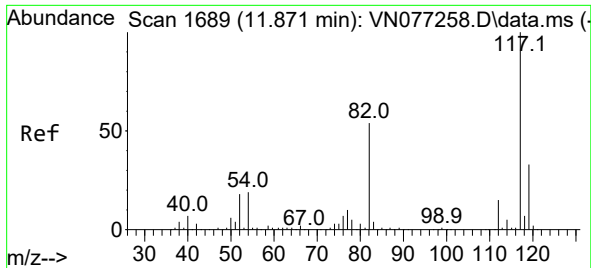
Tgt Ion: 98 Resp: 1259821
Ion Ratio Lower Upper
98 100
100 64.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 48.266 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

Tgt Ion: 95 Resp: 423446
Ion Ratio Lower Upper
95 100
174 74.3 0.0 146.8
176 70.2 0.0 139.6

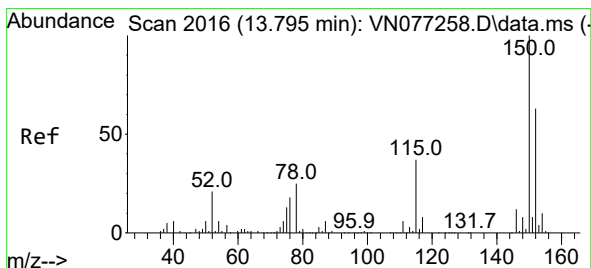
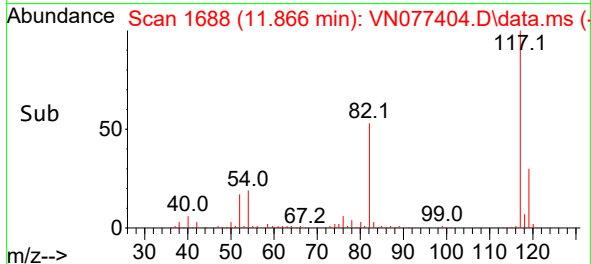
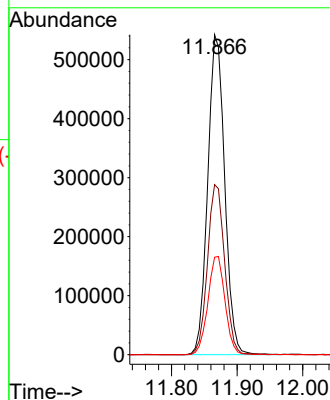
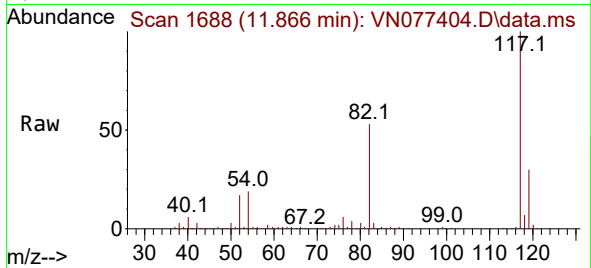




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077404.D
Acq: 20 Apr 2023 16:46

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 976272
Ion Ratio Lower Upper
117 100
82 53.1 42.9 64.3
119 30.4 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: VN077404.D
Acq: 20 Apr 2023 16:46

Tgt Ion:152 Resp: 353052
Ion Ratio Lower Upper
152 100
115 63.4 32.1 96.3
150 157.3 0.0 354.8

