

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077386.D
 Acq On : 19 Apr 2023 19:35
 Operator : JC\MD
 Sample : PB152199ZHE#14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#14

Quant Time: Apr 20 04:28:15 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)

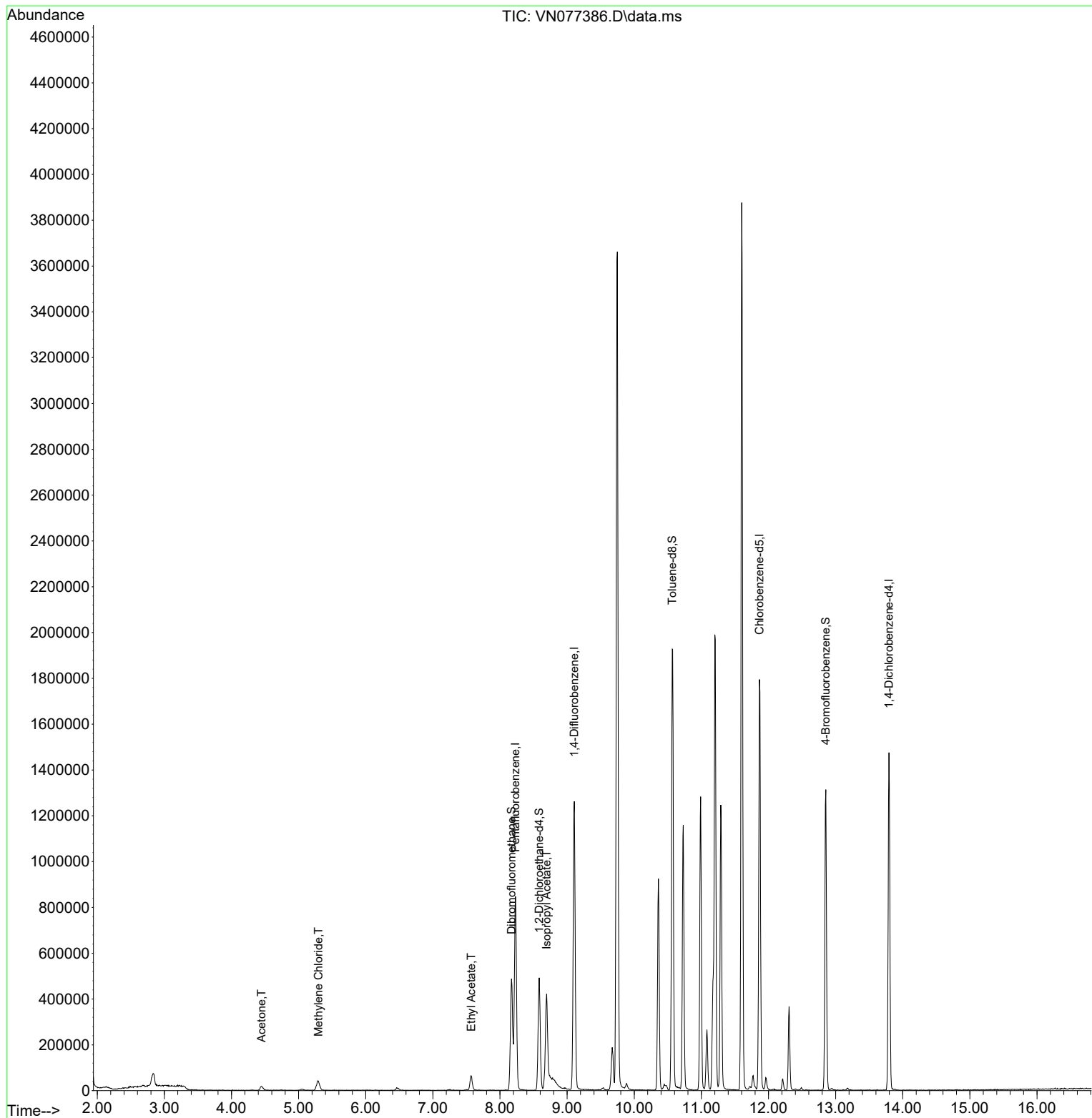
Internal Standards						
1) Pentafluorobenzene	8.230	168	604272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1158681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1076652	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	403810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	382981	46.372	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.740%
35) Dibromofluoromethane	8.172	113	349536	47.123	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.240%
50) Toluene-d8	10.566	98	1414798	47.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.854	95	462153	46.535	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.080%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	32637	10.718	ug/l	96
20) Methylene Chloride	5.295	84	37083	4.312	ug/l #	88
37) Ethyl Acetate	7.572	43	89319	9.100	ug/l	97
43) Isopropyl Acetate	8.695	43	531475	29.344	ug/l #	84

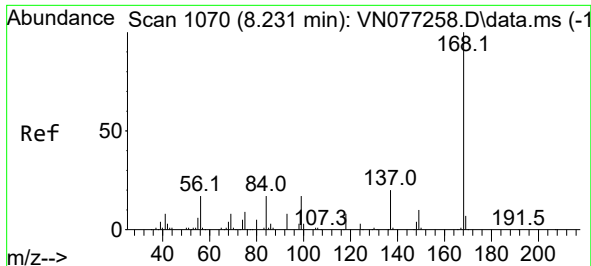
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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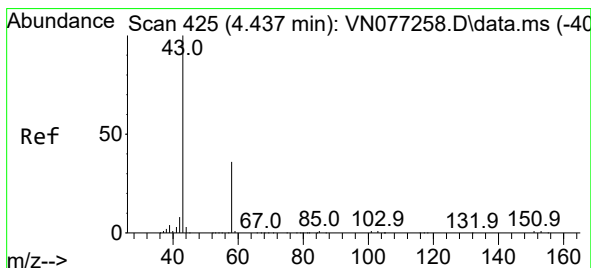
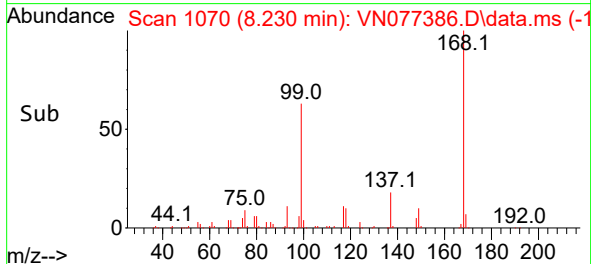
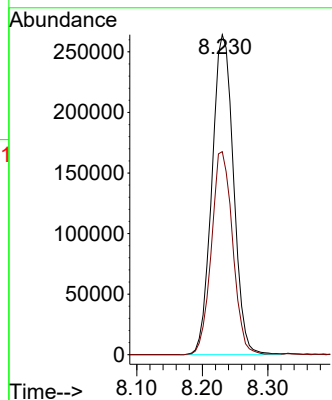
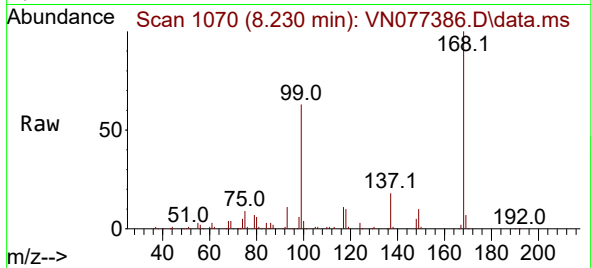




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

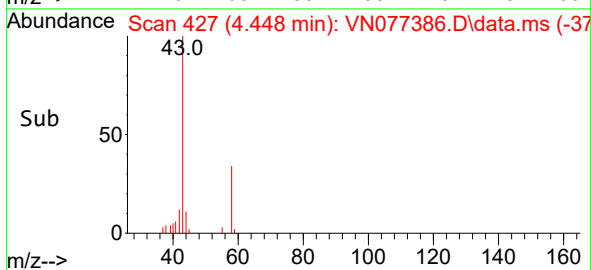
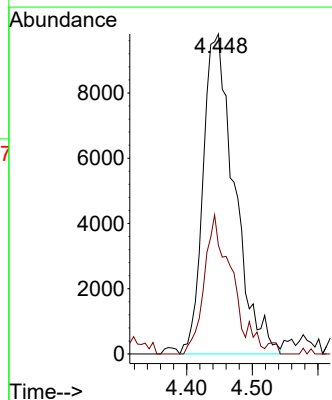
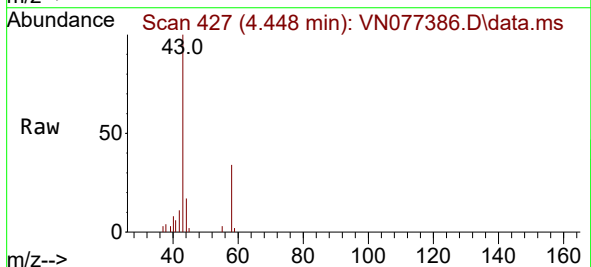
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#14

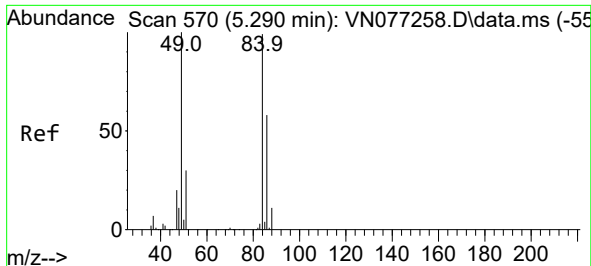
Tgt Ion:168 Resp: 604272
Ion Ratio Lower Upper
168 100
99 63.5 50.6 75.8



#16
Acetone
Concen: 10.718 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

Tgt Ion: 43 Resp: 32637
Ion Ratio Lower Upper
43 100
58 33.9 29.0 43.6

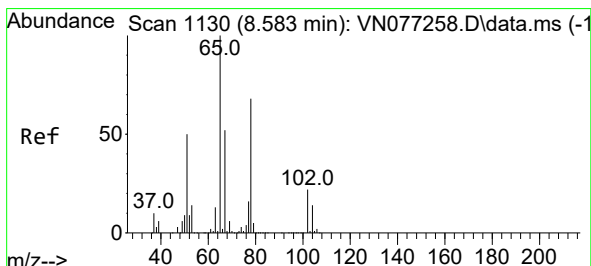
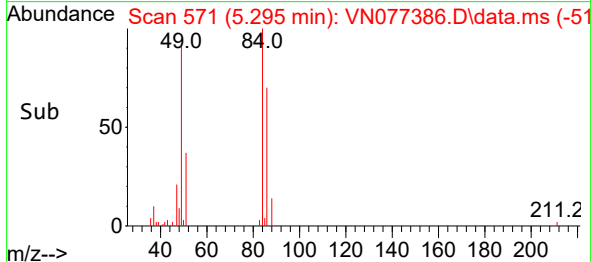
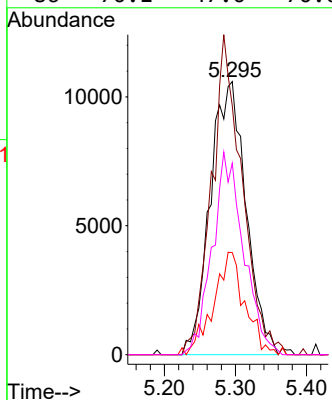
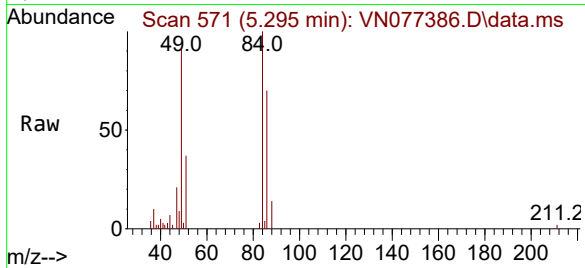




#20
Methylene Chloride
Concen: 4.312 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.005 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

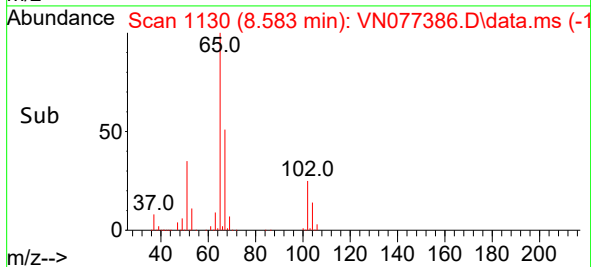
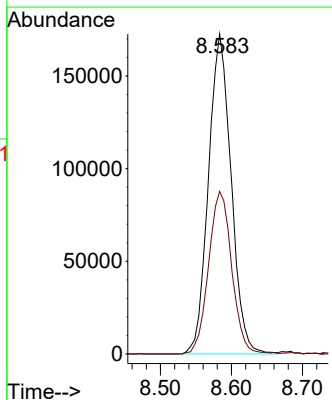
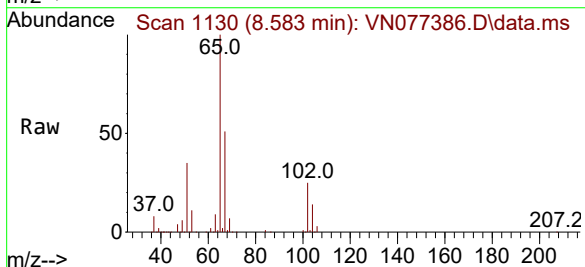
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#14

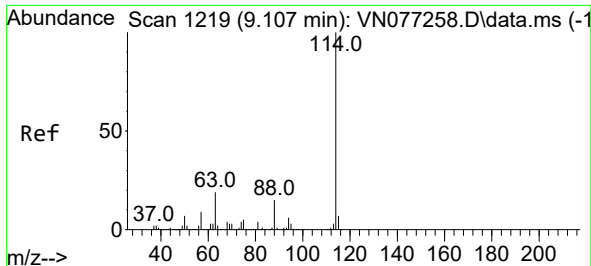
Tgt Ion: 84 Resp: 37083
Ion Ratio Lower Upper
84 100
49 91.2 80.6 121.0
51 37.4 24.4 36.6#
86 70.1 47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 46.372 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

Tgt Ion: 65 Resp: 382981
Ion Ratio Lower Upper
65 100
67 51.8 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: VN077386.D

Acq: 19 Apr 2023 19:35

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#14

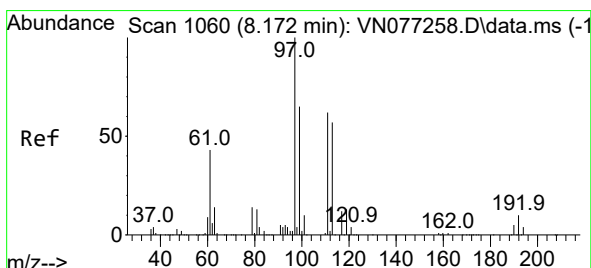
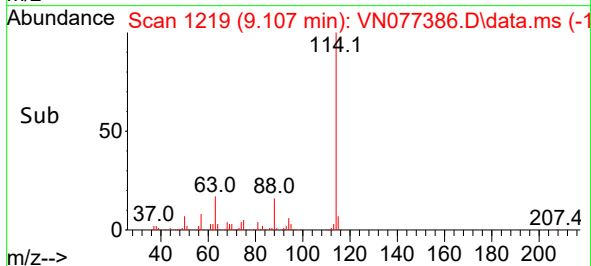
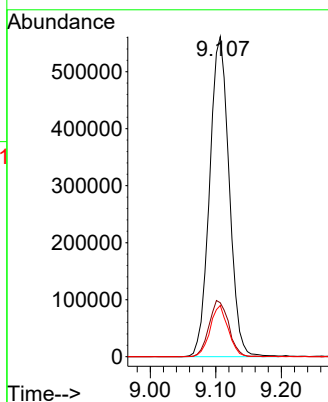
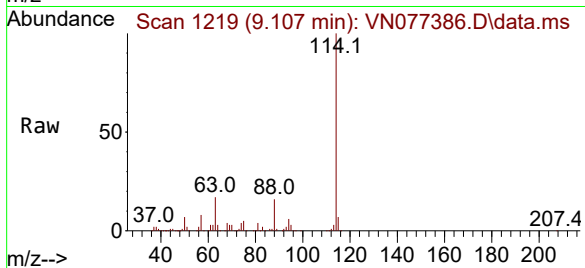
Tgt Ion:114 Resp: 1158681

Ion Ratio Lower Upper

114 100

63 16.9 0.0 37.8

88 16.0 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.123 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077386.D

Acq: 19 Apr 2023 19:35

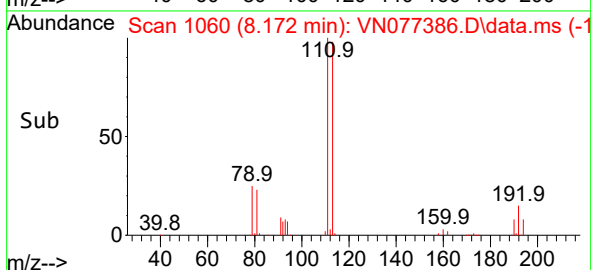
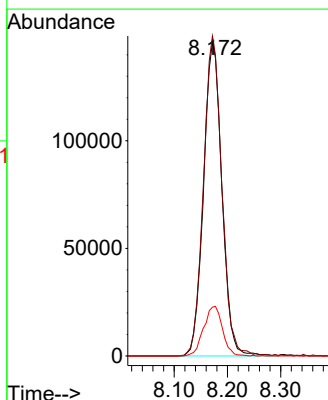
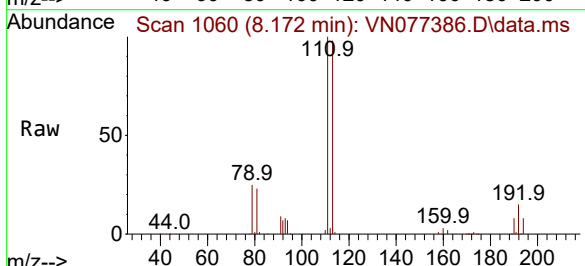
Tgt Ion:113 Resp: 349536

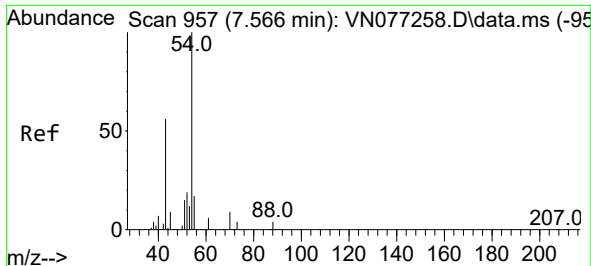
Ion Ratio Lower Upper

113 100

111 102.1 83.4 125.0

192 16.2 13.5 20.3

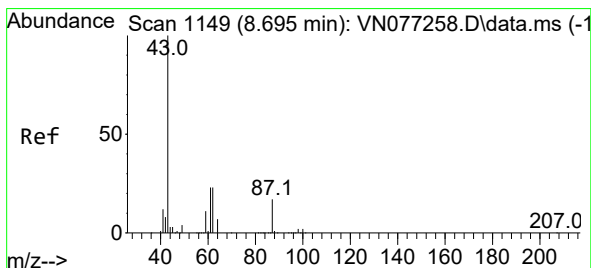
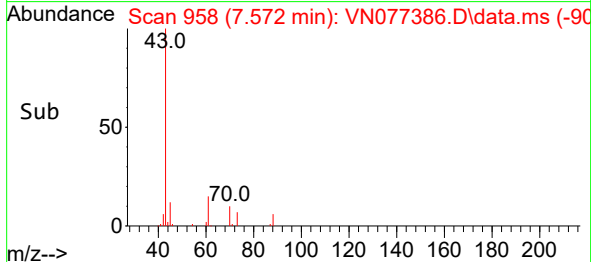
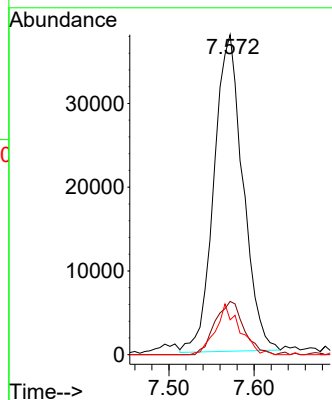
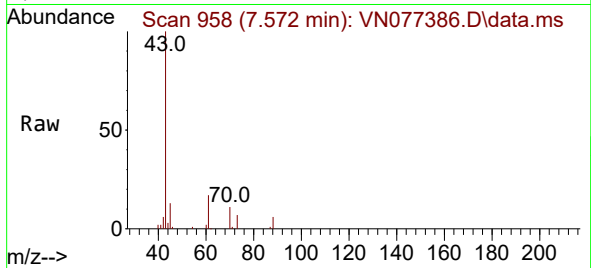




#37
Ethyl Acetate
Concen: 9.100 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

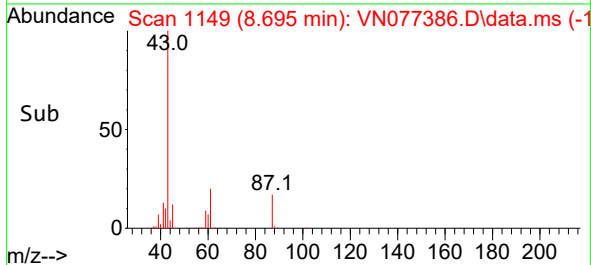
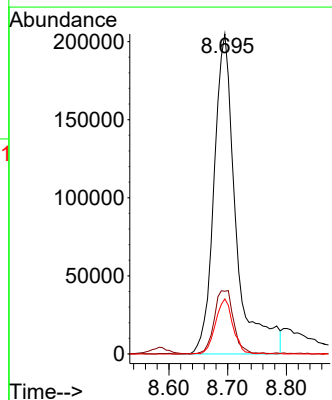
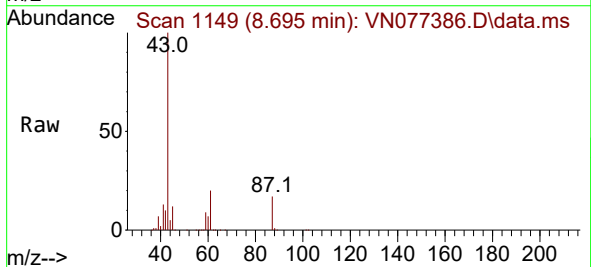
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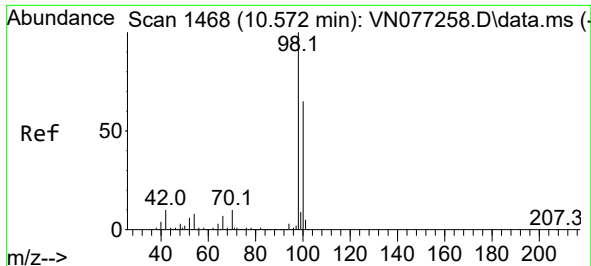
Tgt Ion: 43 Resp: 89319
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.2
70 13.4 10.0 15.0



#43
Isopropyl Acetate
Concen: 29.344 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

Tgt Ion: 43 Resp: 531475
Ion Ratio Lower Upper
43 100
61 17.6 22.7 34.1#
87 13.6 13.6 20.4

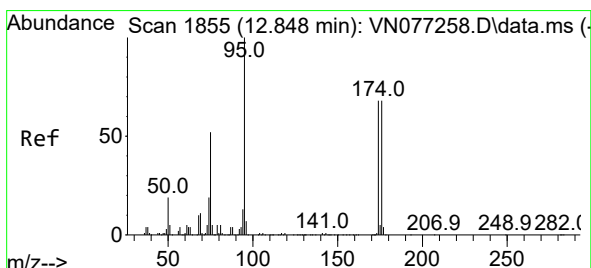
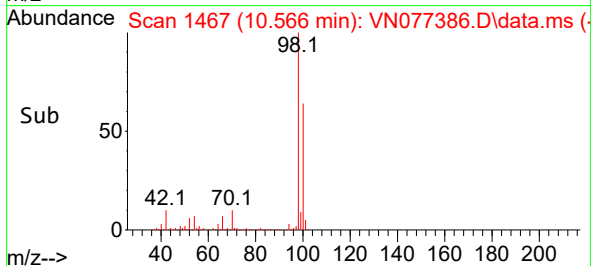
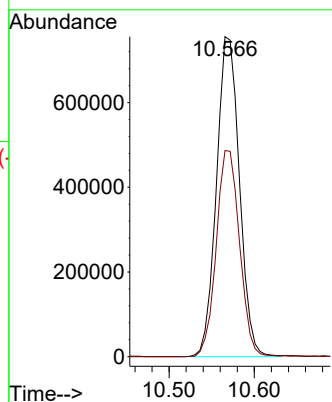
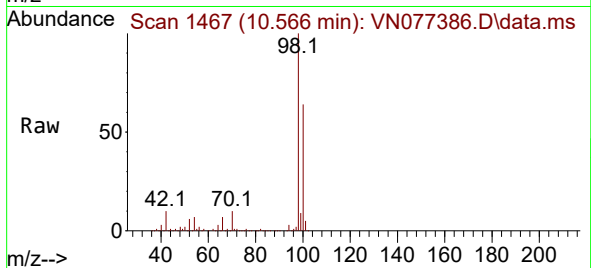




#50
Toluene-d8
Concen: 47.380 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

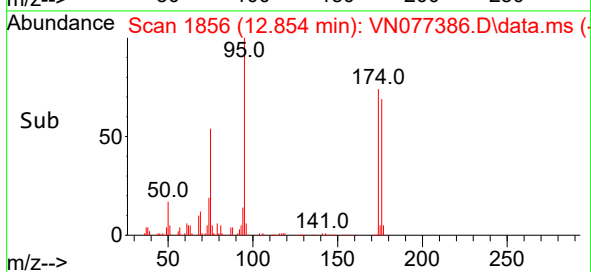
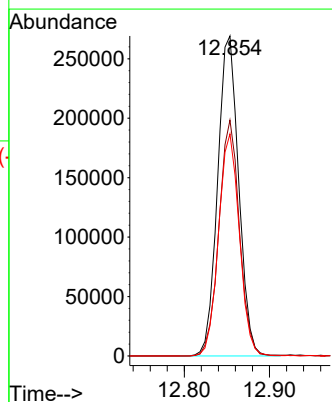
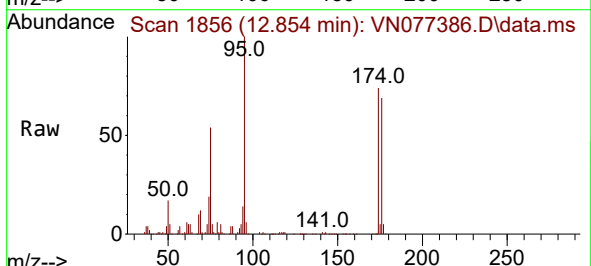
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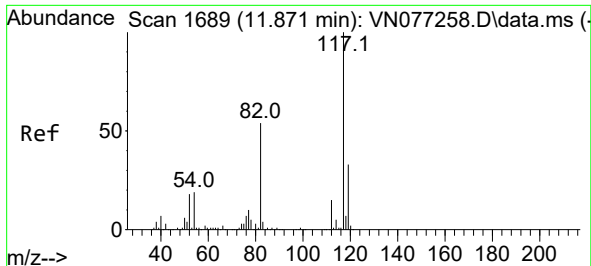
Tgt Ion: 98 Resp: 1414798
Ion Ratio Lower Upper
98 100
100 65.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 46.535 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

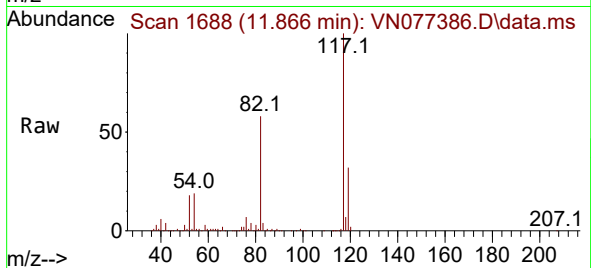
Tgt Ion: 95 Resp: 462153
Ion Ratio Lower Upper
95 100
174 72.1 0.0 146.8
176 68.6 0.0 139.6



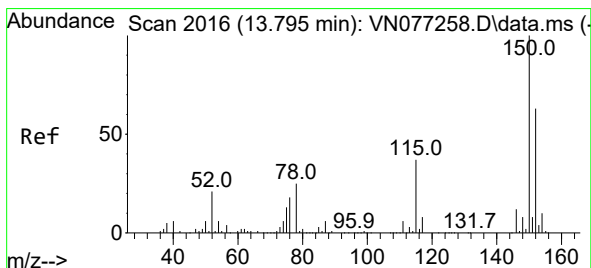
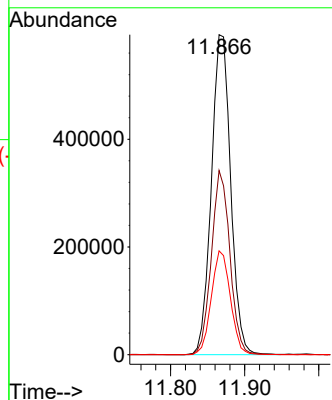
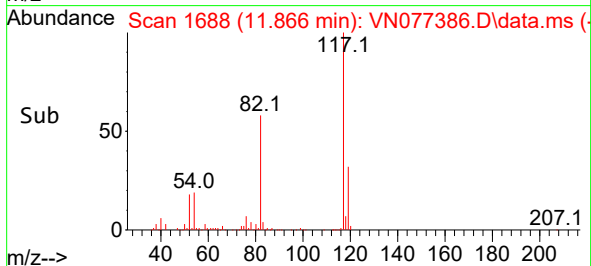


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN077386.D
Acq: 19 Apr 2023 19:35

Instrument :
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Tgt Ion:117 Resp: 1076652
Ion Ratio Lower Upper
117 100
82 57.6 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: VN077386.D
Acq: 19 Apr 2023 19:35

Tgt Ion:152 Resp: 403810
Ion Ratio Lower Upper
152 100
115 62.4 32.1 96.3
150 158.0 0.0 354.8

