

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077373.D
 Acq On : 19 Apr 2023 14:20
 Operator : JC\MD
 Sample : PB152199ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB152199ZHE#01

Quant Time: Apr 20 04:25:48 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)

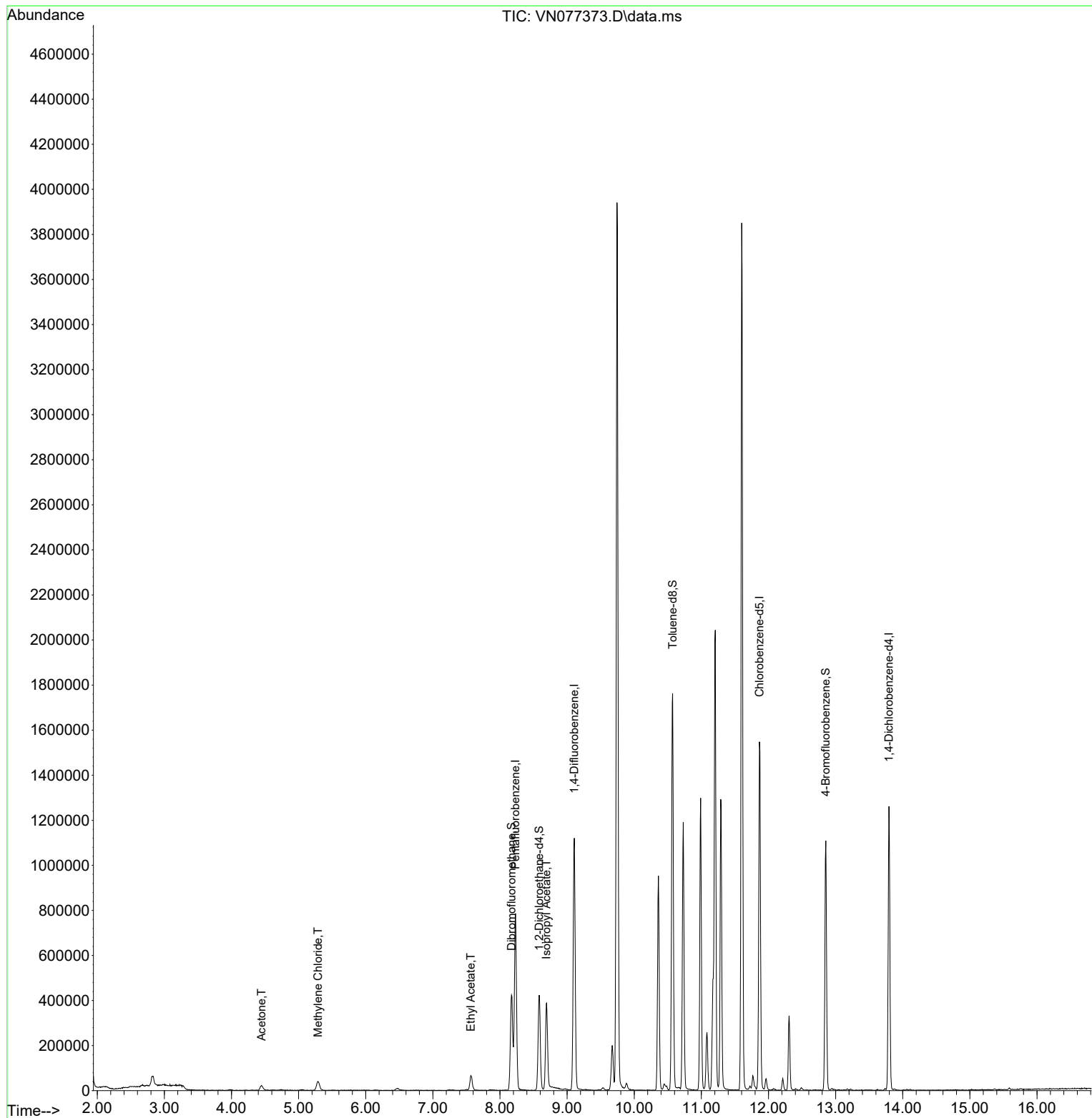
Internal Standards						
1) Pentafluorobenzene	8.230	168	554773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1034881	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	943430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	335374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	341150	44.993	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.980%
35) Dibromofluoromethane	8.172	113	317913	47.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.980%
50) Toluene-d8	10.571	98	1272504	47.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.854	95	399318	45.018	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.040%
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	39793	14.234	ug/l	93
20) Methylene Chloride	5.289	84	35221	4.461	ug/l	94
37) Ethyl Acetate	7.566	43	91601	10.449	ug/l #	94
43) Isopropyl Acetate	8.689	43	439570	27.173	ug/l #	91

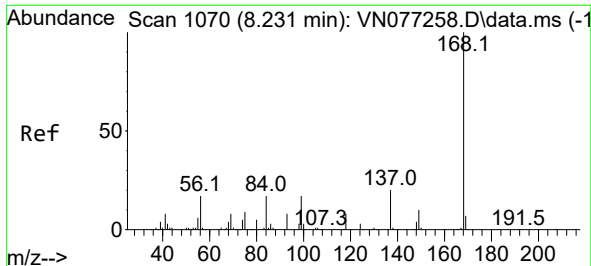
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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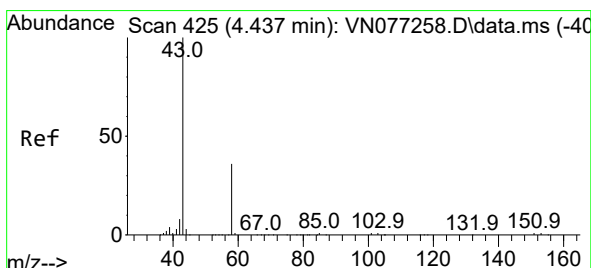
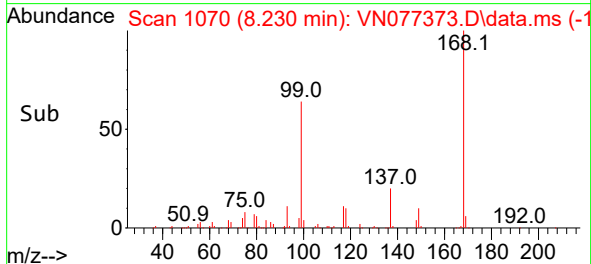
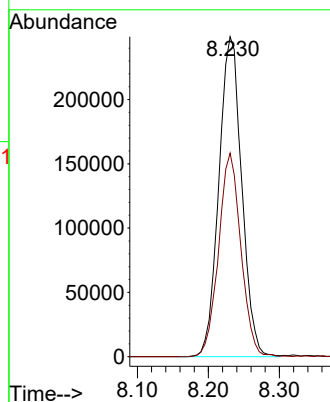
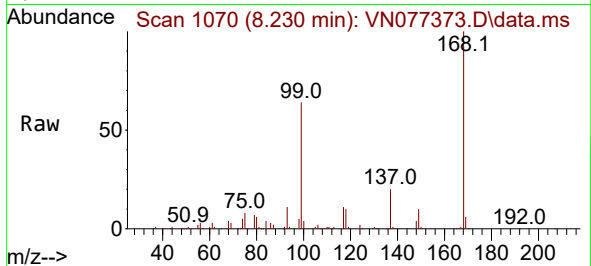




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

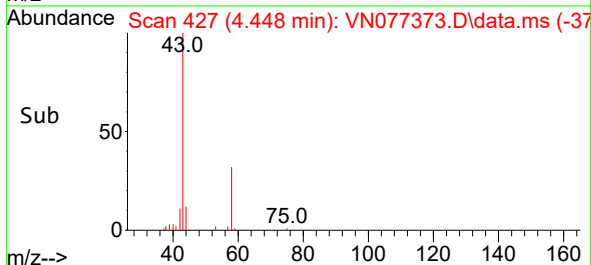
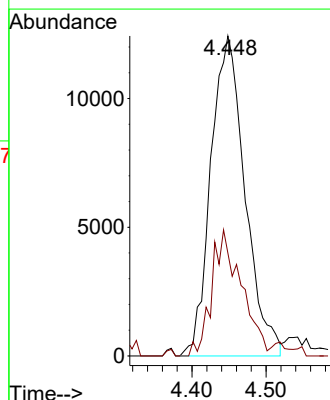
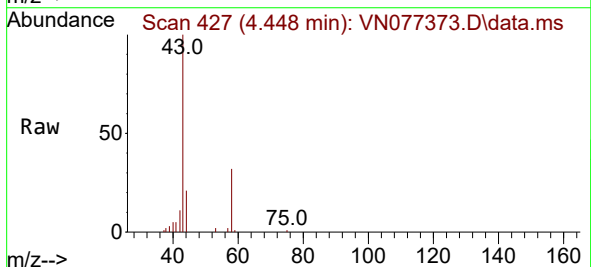
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#01

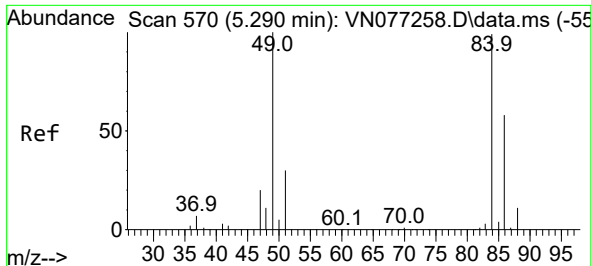
Tgt Ion:168 Resp: 554773
Ion Ratio Lower Upper
168 100
99 63.6 50.6 75.8



#16
Acetone
Concen: 14.234 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

Tgt Ion: 43 Resp: 39793
Ion Ratio Lower Upper
43 100
58 32.1 29.0 43.6

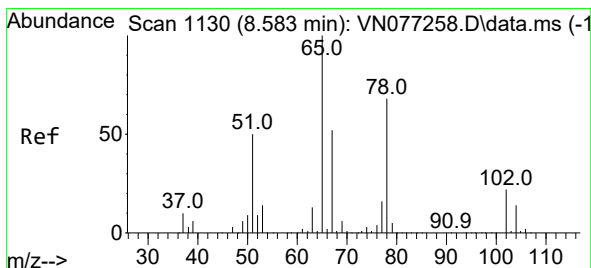
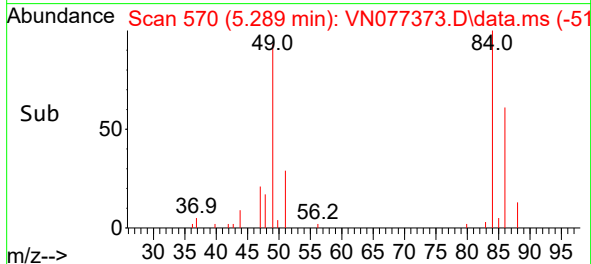
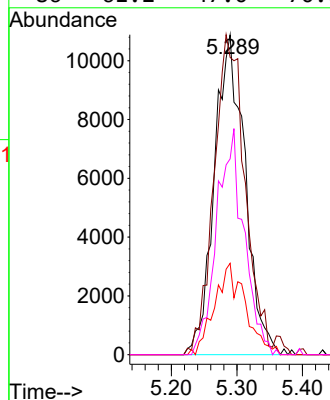
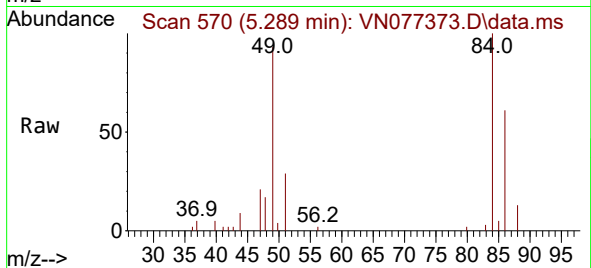




#20
Methylene Chloride
Concen: 4.461 ug/l
RT: 5.289 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

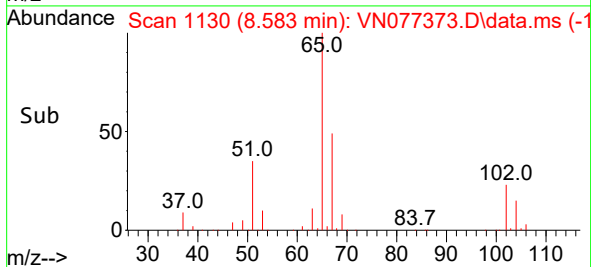
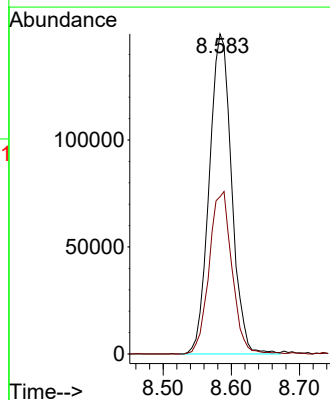
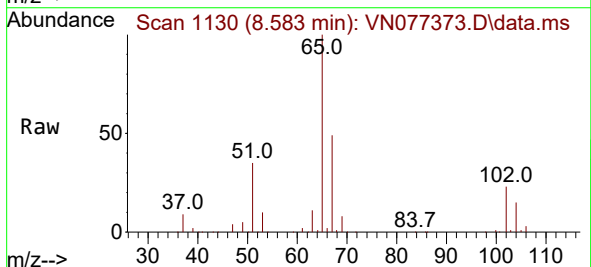
Instrument :
MSVOA_N
ClientSampleId :
PB152199ZHE#01

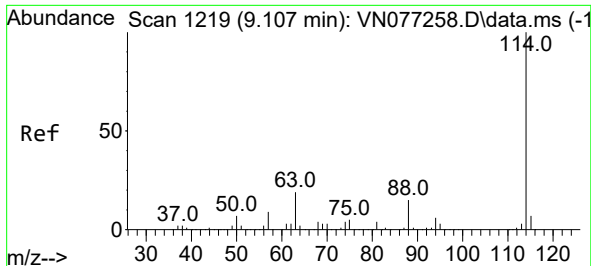
Tgt Ion: 84	Resp: 35221
Ion Ratio	Lower Upper
84 100	
49 92.9	80.6 121.0
51 28.6	24.4 36.6
86 61.2	47.0 70.6



#33
1,2-Dichloroethane-d4
Concen: 44.993 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

Tgt Ion: 65	Resp: 341150
Ion Ratio	Lower Upper
65 100	
67 51.9	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: VN077373.D

Acq: 19 Apr 2023 14:20

Instrument :

MSVOA_N

ClientSampleId :

PB152199ZHE#01

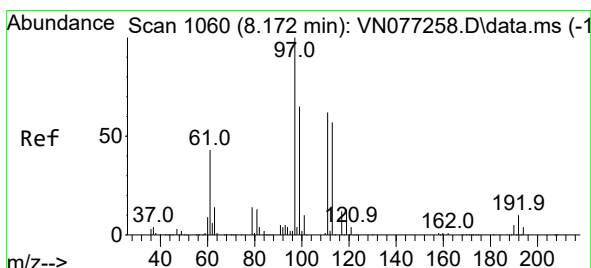
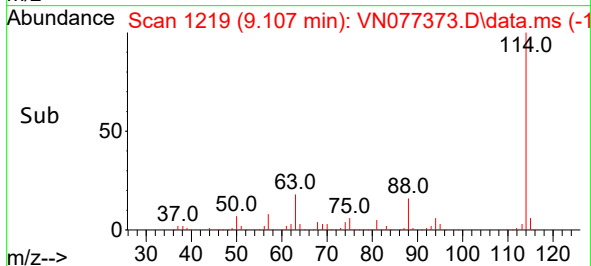
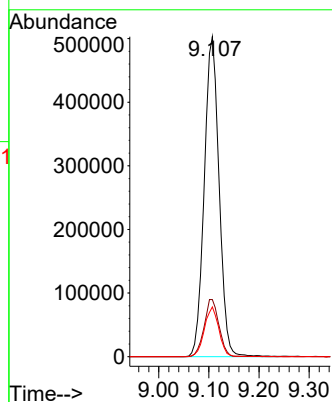
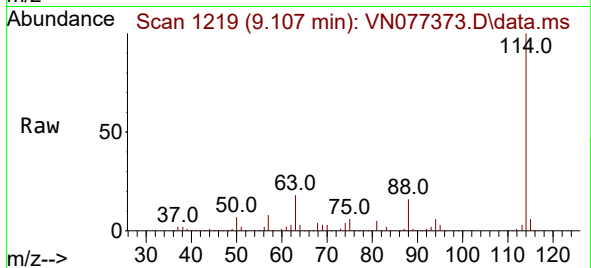
Tgt Ion:114 Resp: 1034881

Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.8

88 15.6 0.0 29.4



#35

Dibromofluoromethane

Concen: 47.987 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077373.D

Acq: 19 Apr 2023 14:20

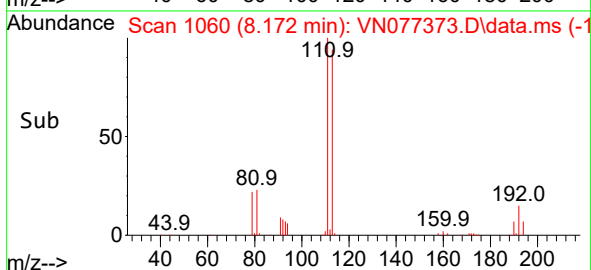
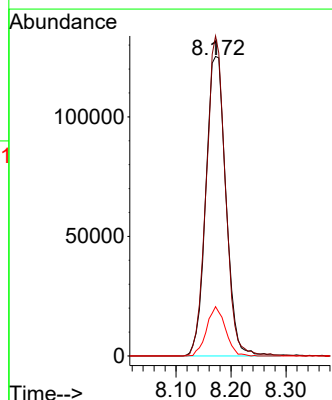
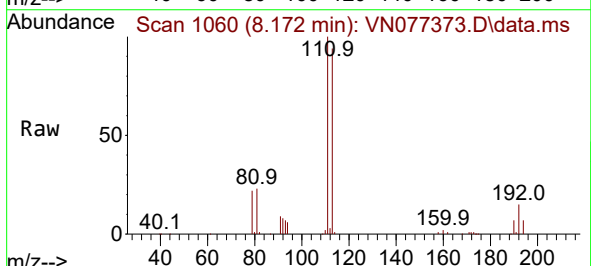
Tgt Ion:113 Resp: 317913

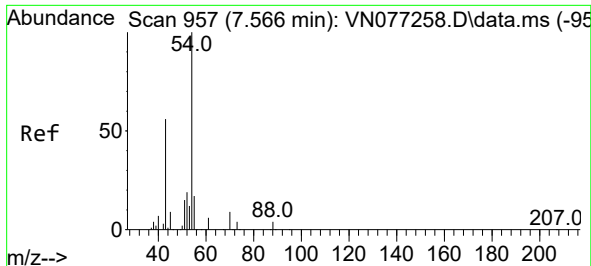
Ion Ratio Lower Upper

113 100

111 101.3 83.4 125.0

192 15.4 13.5 20.3

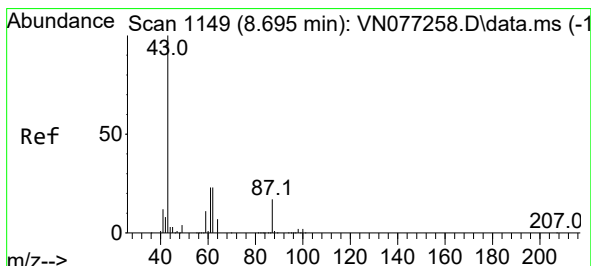
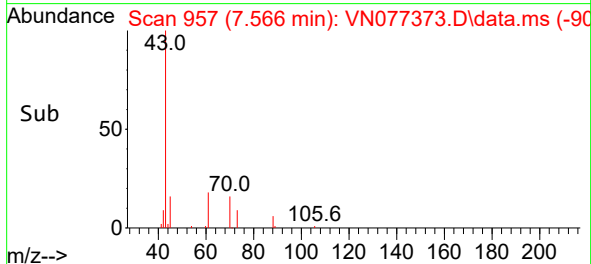
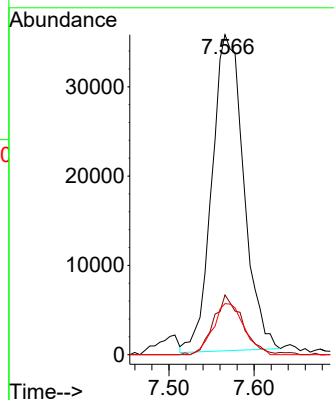
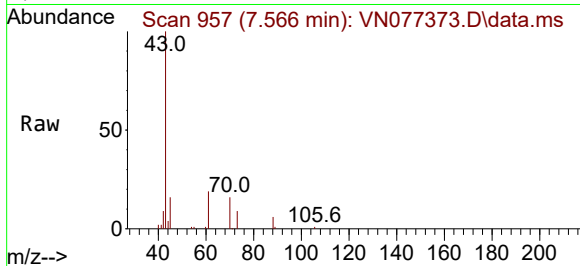




#37
Ethyl Acetate
Concen: 10.449 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

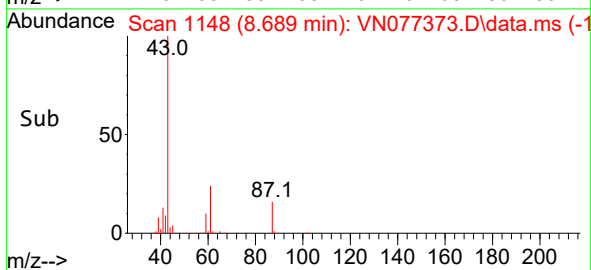
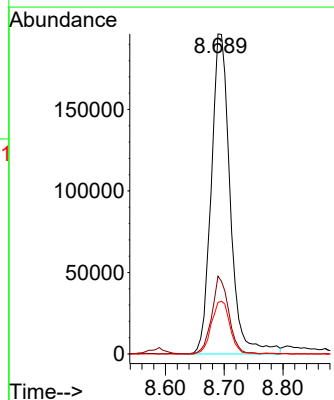
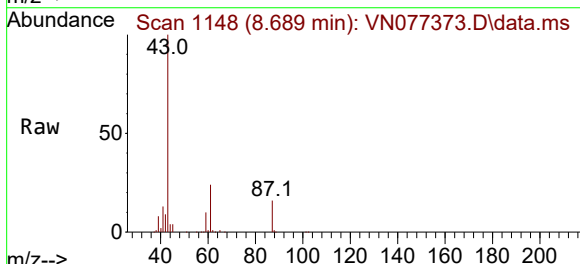
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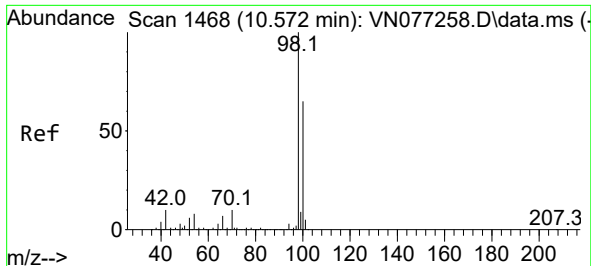
Tgt Ion: 43 Resp: 91601
Ion Ratio Lower Upper
43 100
61 17.0 12.2 18.2
70 15.9 10.0 15.0#



#43
Isopropyl Acetate
Concen: 27.173 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

Tgt Ion: 43 Resp: 439570
Ion Ratio Lower Upper
43 100
61 21.5 22.7 34.1#
87 16.1 13.6 20.4

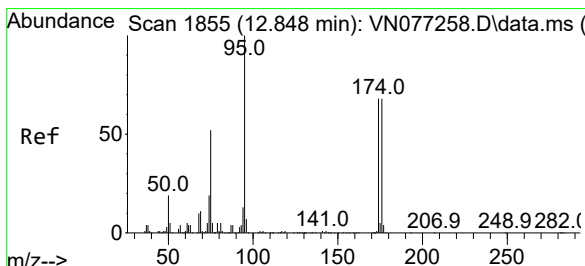
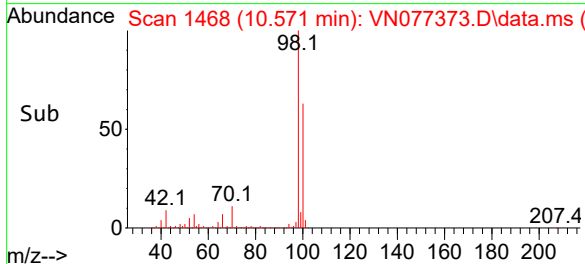
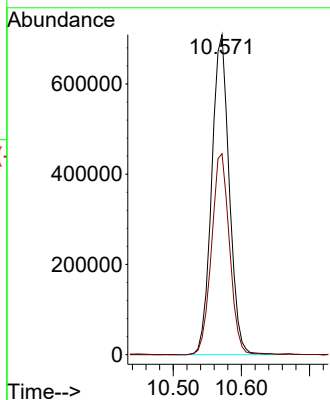
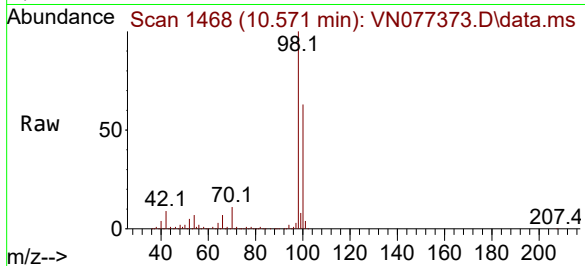




#50
Toluene-d8
Concen: 47.713 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

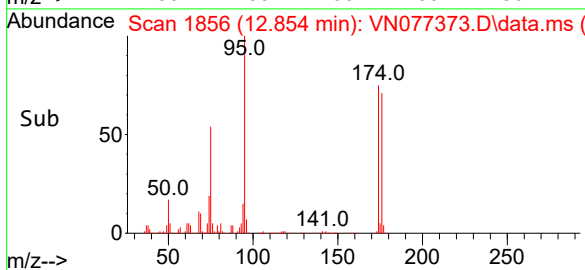
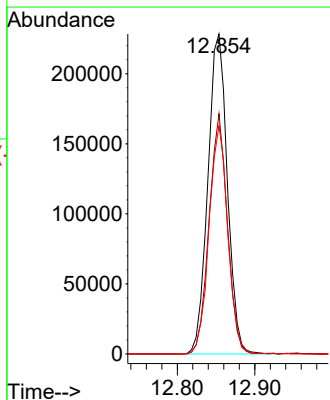
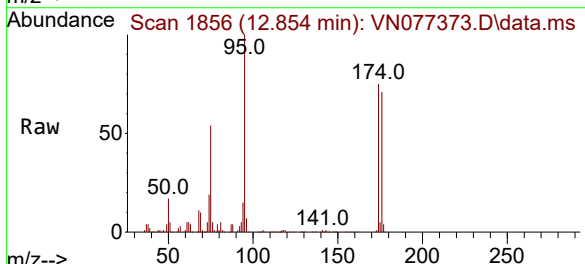
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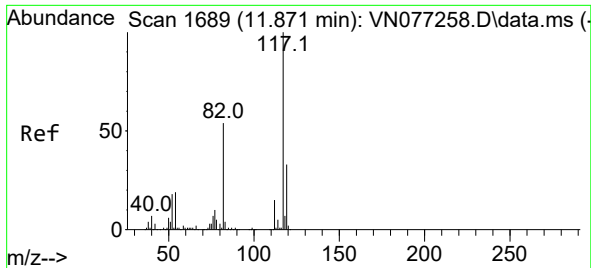
Tgt Ion: 98 Resp: 1272504
Ion Ratio Lower Upper
98 100
100 64.4 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 45.018 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

Tgt Ion: 95 Resp: 399318
Ion Ratio Lower Upper
95 100
174 70.5 0.0 146.8
176 68.4 0.0 139.6

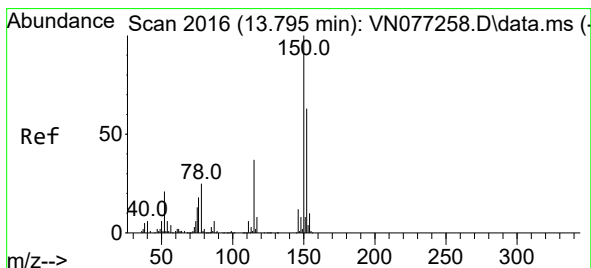
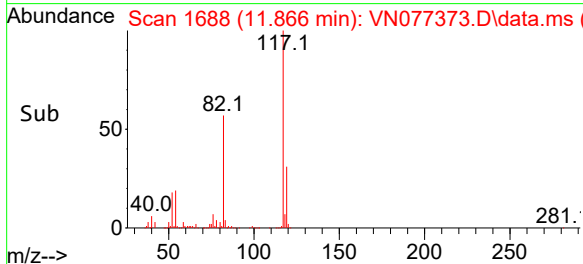
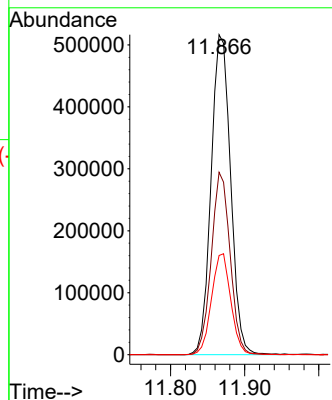
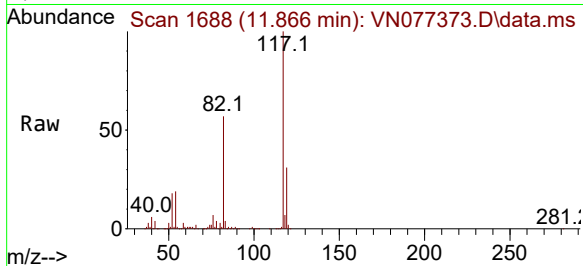




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VN077373.D
Acq: 19 Apr 2023 14:20

Instrument :
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Tgt Ion:117 Resp: 943430
Ion Ratio Lower Upper
117 100
82 57.0 42.9 64.3
119 31.0 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: VN077373.D
Acq: 19 Apr 2023 14:20

Tgt Ion:152 Resp: 335374
Ion Ratio Lower Upper
152 100
115 63.4 32.1 96.3
150 155.7 0.0 354.8

