

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076201.D
 Acq On : 11 Jan 2023 11:40
 Operator : JC\MD
 Sample : PB150155TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150155TB

Quant Time: Jan 12 00:32:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

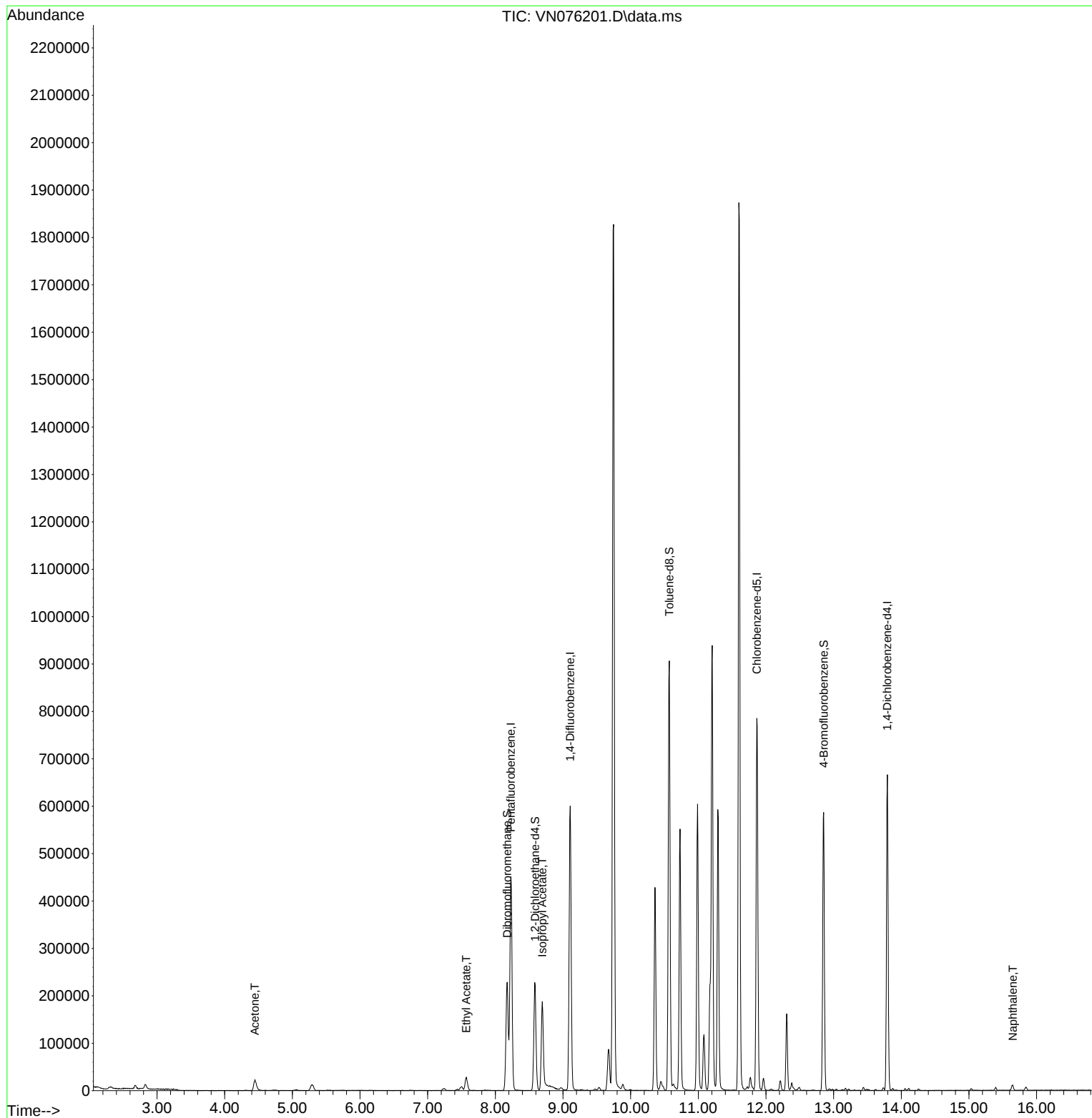
Internal Standards						
1) Pentafluorobenzene	8.229	168	357966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	562789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	486748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	188772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	183704	47.172	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.340%
35) Dibromofluoromethane	8.177	113	164543	47.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.420%
50) Toluene-d8	10.570	98	649657	49.855	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.700%
62) 4-Bromofluorobenzene	12.853	95	195854	45.378	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.760%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	41395	30.835	ug/l	96
37) Ethyl Acetate	7.571	43	41619	11.191	ug/l	99
43) Isopropyl Acetate	8.694	43	209595	34.166	ug/l #	86
95) Naphthalene	15.647	128	11666	3.264	ug/l	99

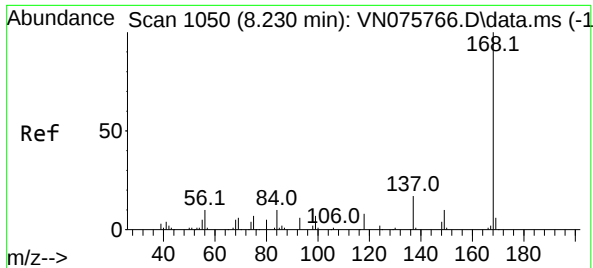
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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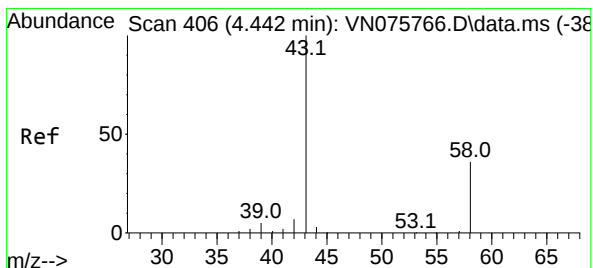
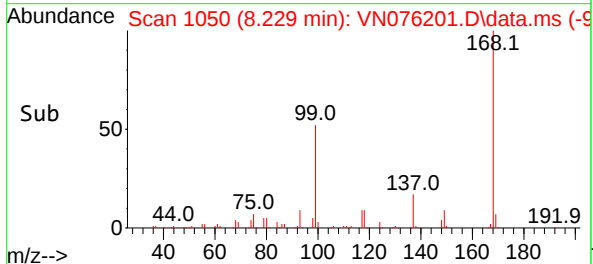
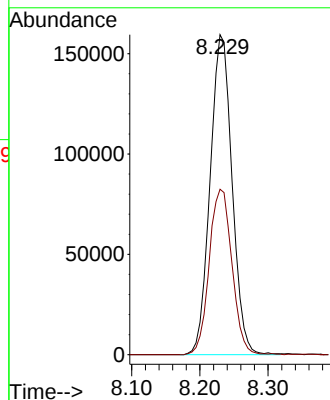
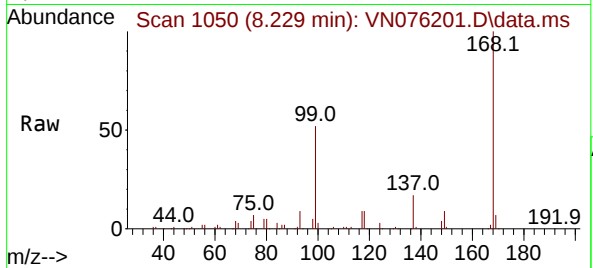




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076201.D
Acq: 11 Jan 2023 11:40

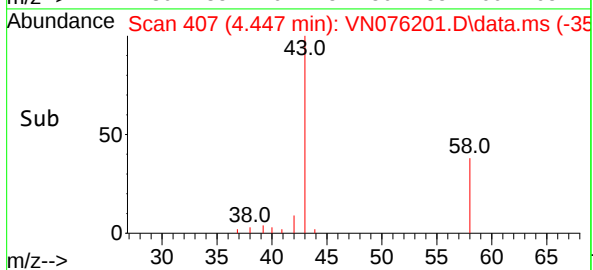
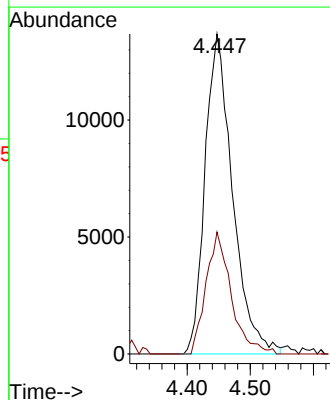
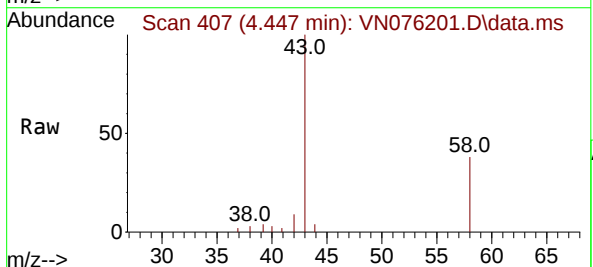
Instrument :
MSVOA_N
ClientSampleId :
PB150155TB

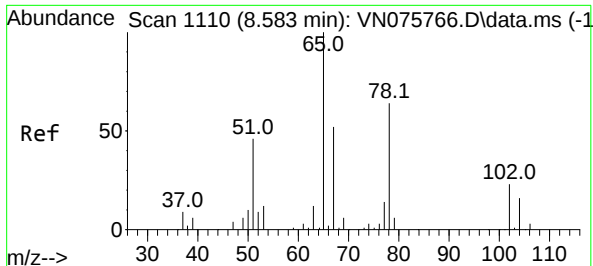
Tgt Ion:168 Resp: 357966
Ion Ratio Lower Upper
168 100
99 51.7 44.2 66.4



#16
Acetone
Concen: 30.835 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076201.D
Acq: 11 Jan 2023 11:40

Tgt Ion: 43 Resp: 41395
Ion Ratio Lower Upper
43 100
58 38.1 28.6 43.0





#33

1,2-Dichloroethane-d4

Concen: 47.172 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076201.D

Acq: 11 Jan 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

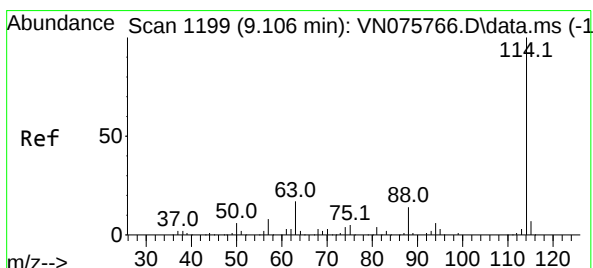
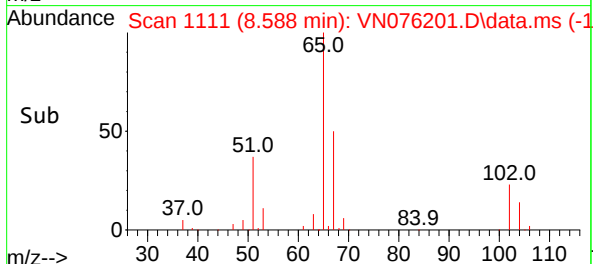
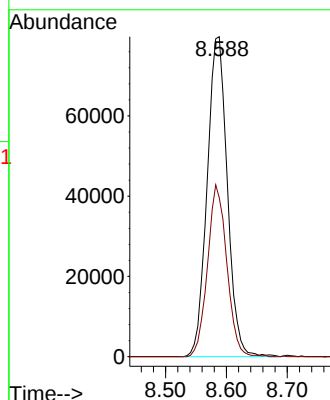
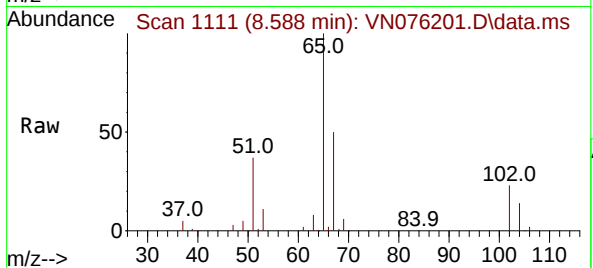
PB150155TB

Tgt Ion: 65 Resp: 183704

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076201.D

Acq: 11 Jan 2023 11:40

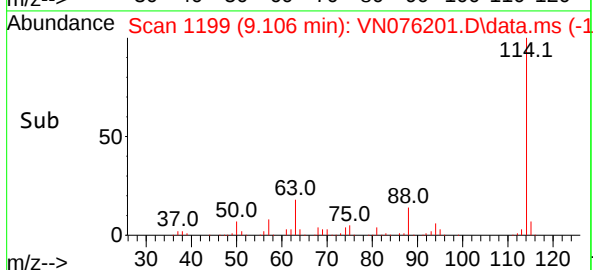
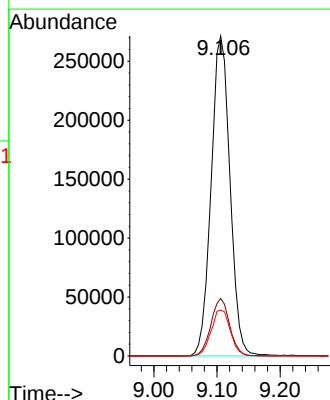
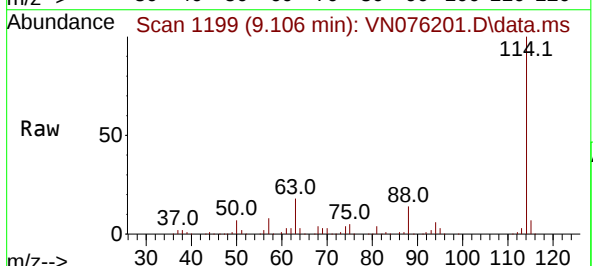
Tgt Ion: 114 Resp: 562789

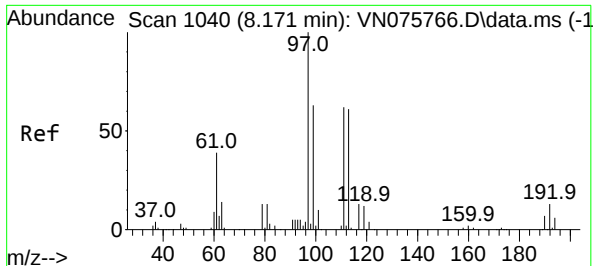
Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.211 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076201.D

Acq: 11 Jan 2023 11:40

Instrument :

MSVOA_N

ClientSampleId :

PB150155TB

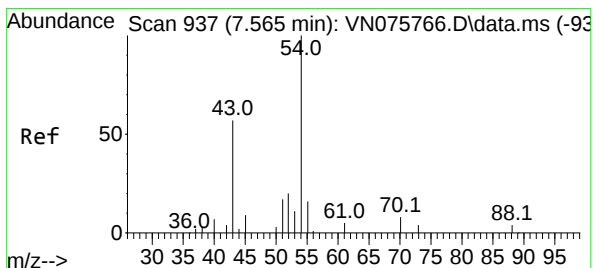
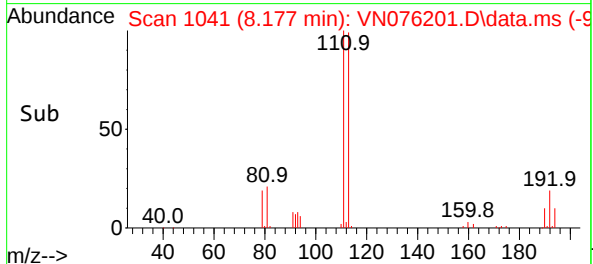
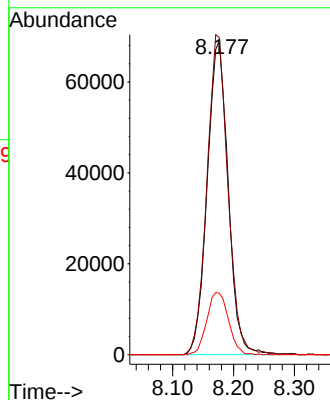
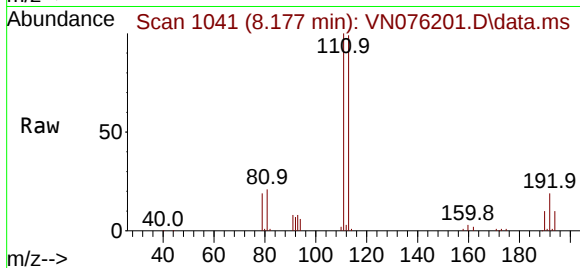
Tgt Ion:113 Resp: 164543

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.2

192 20.5 16.1 24.1



#37

Ethyl Acetate

Concen: 11.191 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076201.D

Acq: 11 Jan 2023 11:40

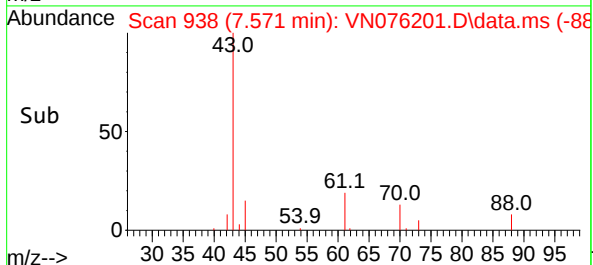
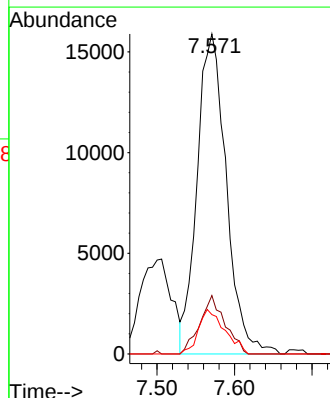
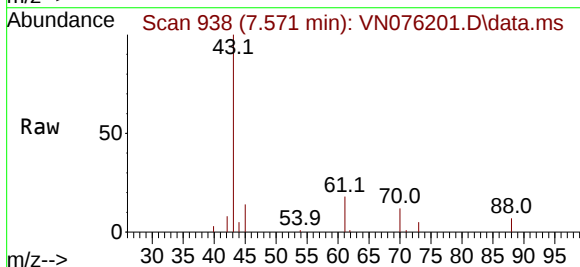
Tgt Ion: 43 Resp: 41619

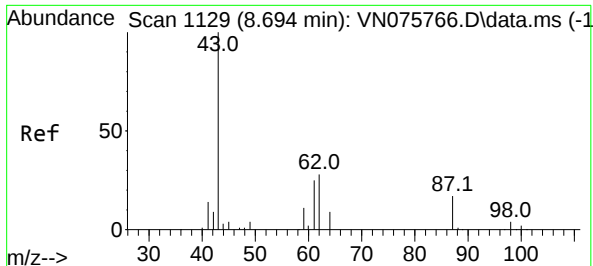
Ion Ratio Lower Upper

43 100

61 15.7 13.0 19.4

70 12.5 9.4 14.0

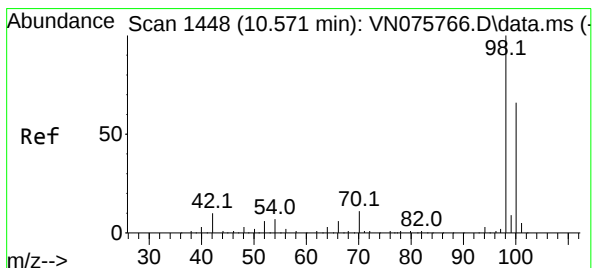
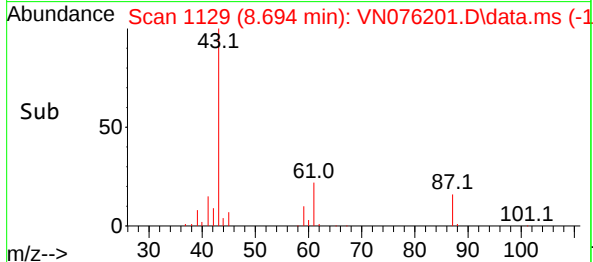
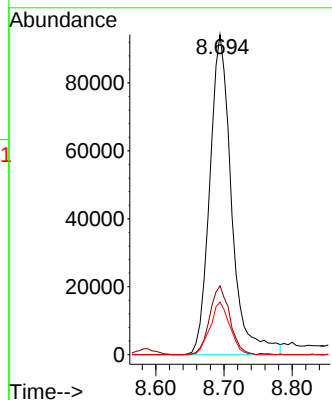
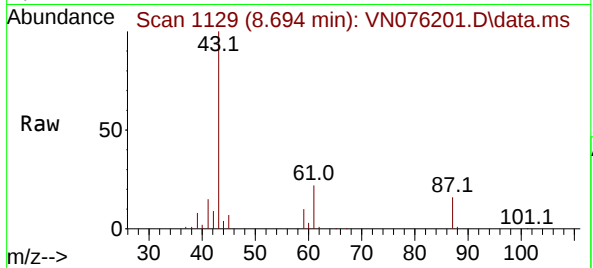




#43
Isopropyl Acetate
Concen: 34.166 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076201.D
Acq: 11 Jan 2023 11:40

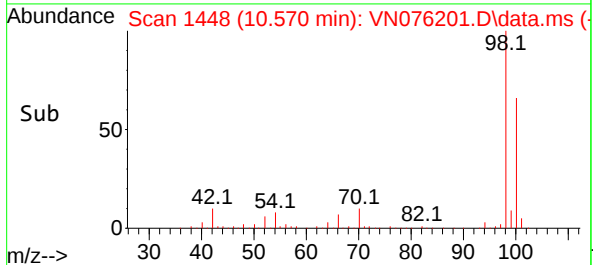
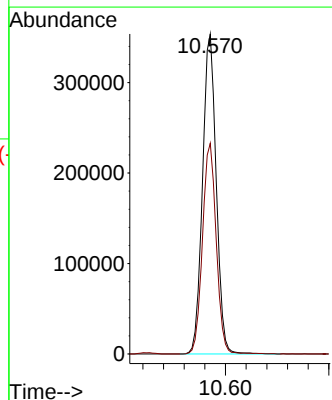
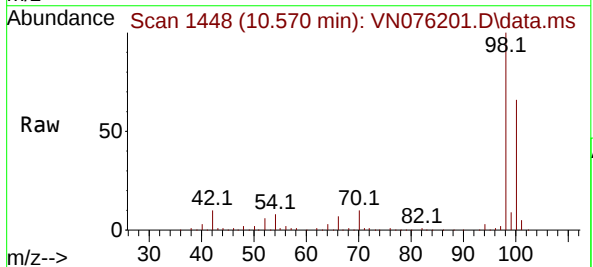
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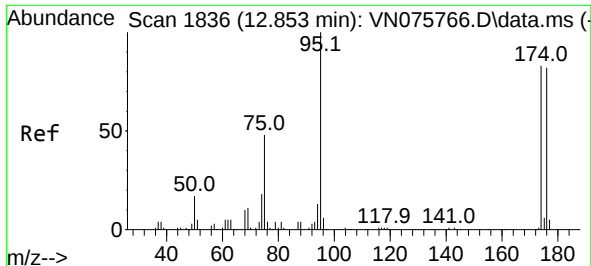
Tgt Ion: 43 Resp: 209595
Ion Ratio Lower Upper
43 100
61 19.8 24.2 36.4#
87 14.9 13.3 19.9



#50
Toluene-d8
Concen: 49.855 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076201.D
Acq: 11 Jan 2023 11:40

Tgt Ion: 98 Resp: 649657
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1

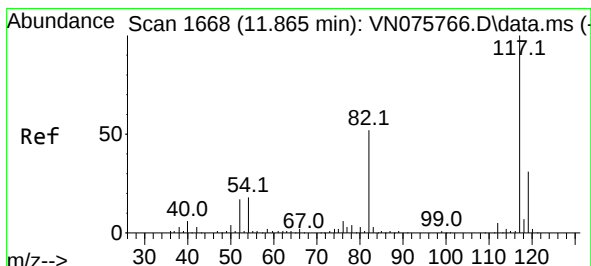
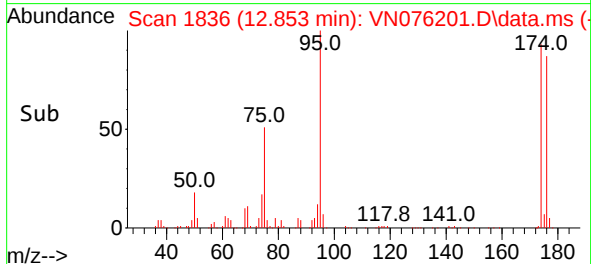
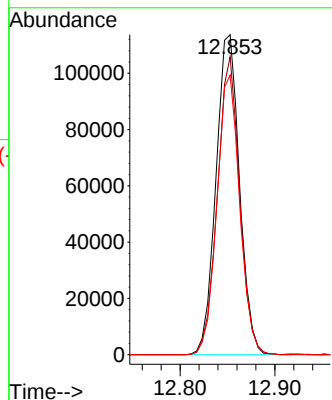
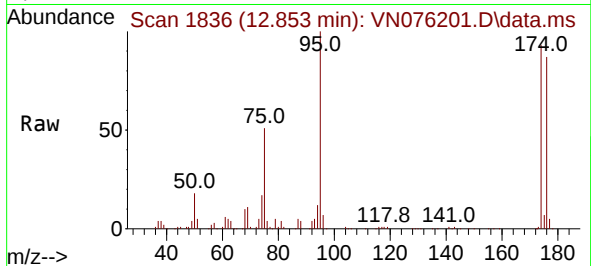




#62
4-Bromofluorobenzene
Concen: 45.378 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076201.D
Acq: 11 Jan 2023 11:40

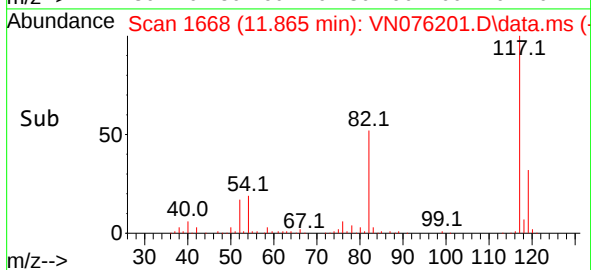
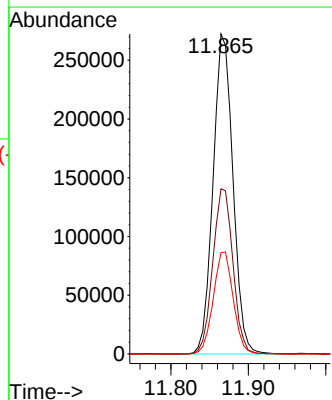
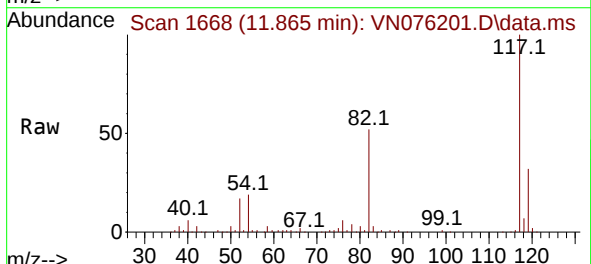
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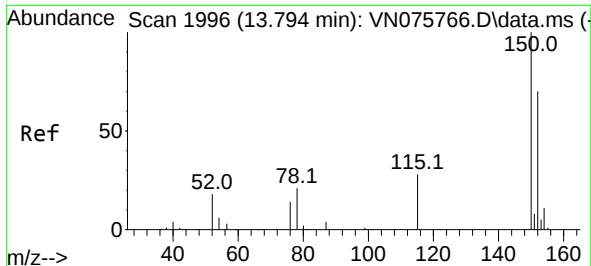
Tgt Ion: 95 Resp: 195854
Ion Ratio Lower Upper
95 100
174 88.0 0.0 171.6
176 84.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076201.D
Acq: 11 Jan 2023 11:40

Tgt Ion: 117 Resp: 486748
Ion Ratio Lower Upper
117 100
82 51.6 41.3 61.9
119 31.7 24.6 37.0

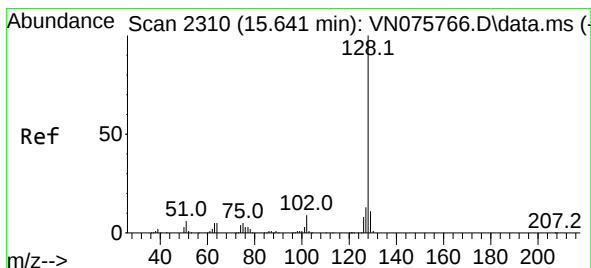
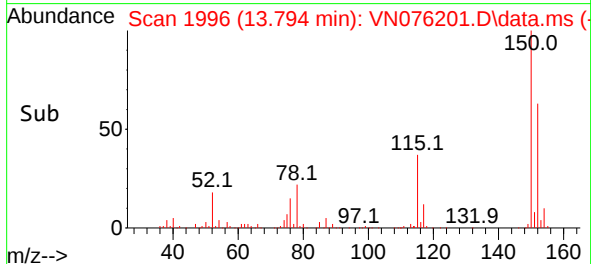
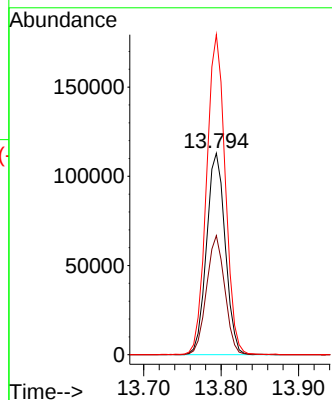
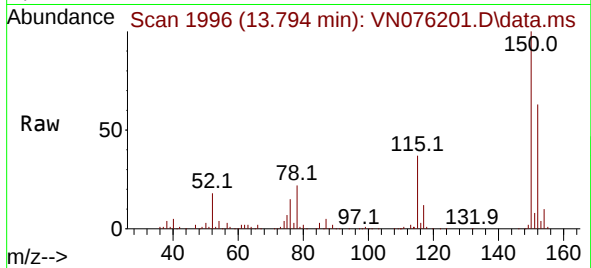




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076201.D
 Acq: 11 Jan 2023 11:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150155TB

Tgt Ion:152 Resp: 188772
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.1 87.4
 150 159.0 0.0 347.0



#95
 Naphthalene
 Concen: 3.264 ug/l
 RT: 15.647 min Scan# 2311
 Delta R.T. 0.006 min
 Lab File: VN076201.D
 Acq: 11 Jan 2023 11:40

Tgt Ion:128 Resp: 11666
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.4 15.6
 129 10.6 8.7 13.1

