

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076158.D
 Acq On : 09 Jan 2023 16:04
 Operator : JC\MD
 Sample : PB150106ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150106ZHE#03

Quant Time: Jan 10 01:08:22 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)

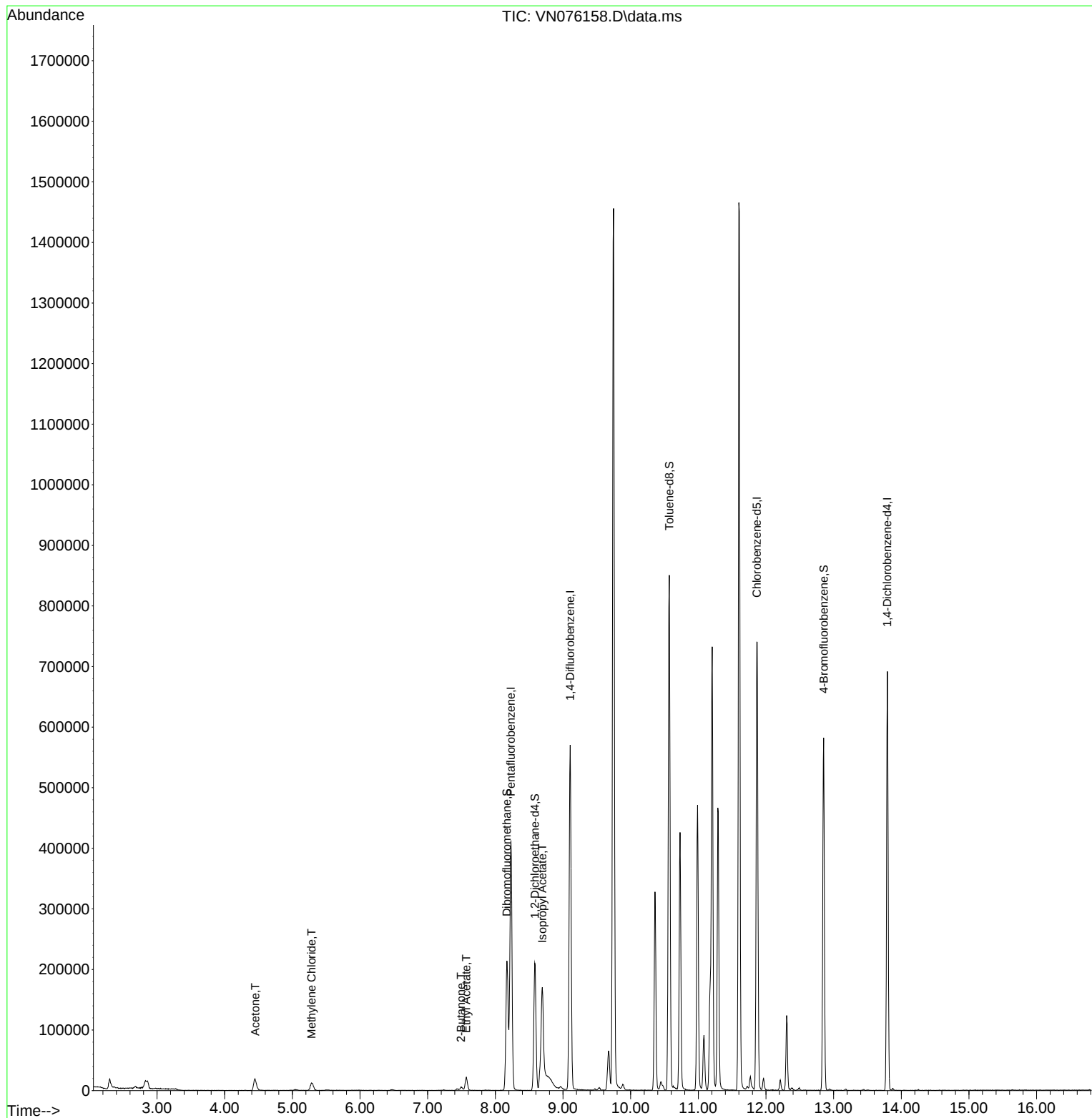
Internal Standards						
1) Pentafluorobenzene	8.230	168	311738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	459554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	172531	50.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.740%
35) Dibromofluoromethane	8.171	113	151344	47.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	10.571	98	600602	50.736	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	12.853	95	188376	48.045	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.100%
Target Compounds						
						Qvalue
16) Acetone	4.453	43	36569	31.280	ug/l #	83
20) Methylene Chloride	5.283	84	10967	2.904	ug/l	96
25) 2-Butanone	7.494	43	8652	5.285	ug/l	91
37) Ethyl Acetate	7.571	43	30787	9.113	ug/l	97
43) Isopropyl Acetate	8.694	43	223484	40.102	ug/l #	76

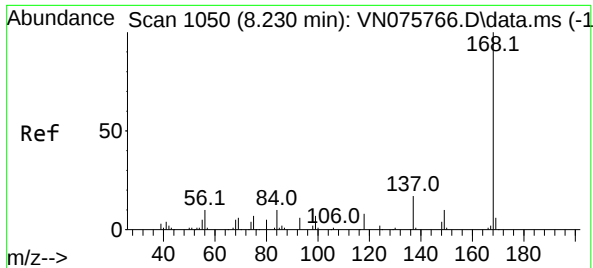
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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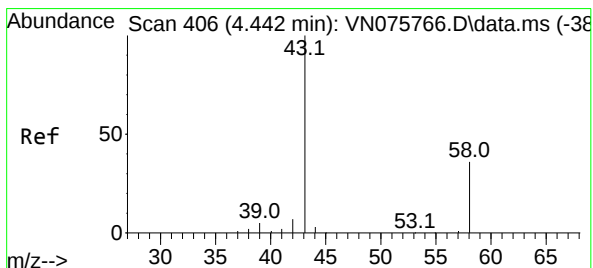
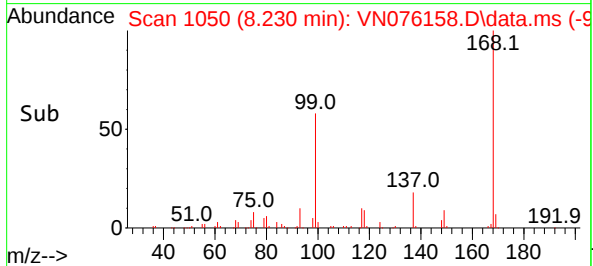
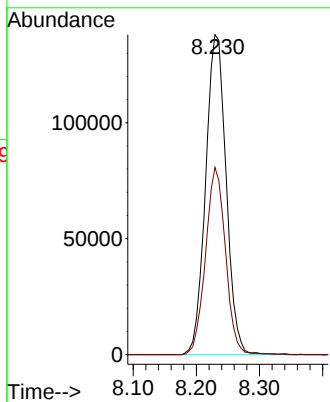
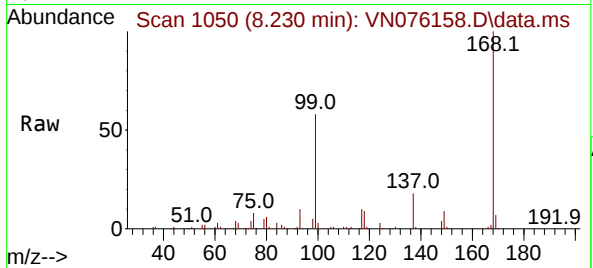




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.230 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VN076158.D
 Acq: 09 Jan 2023 16:04

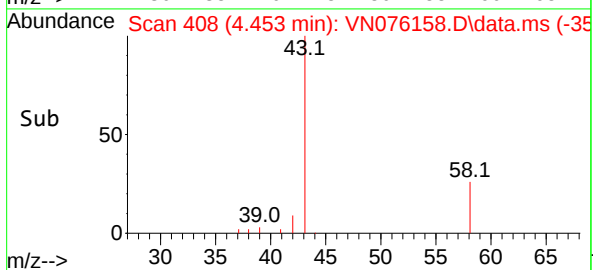
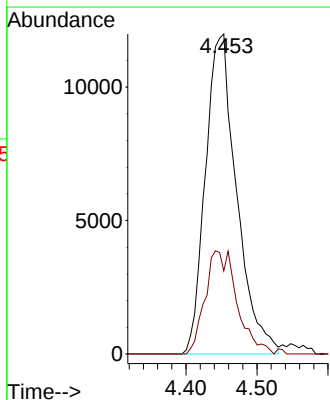
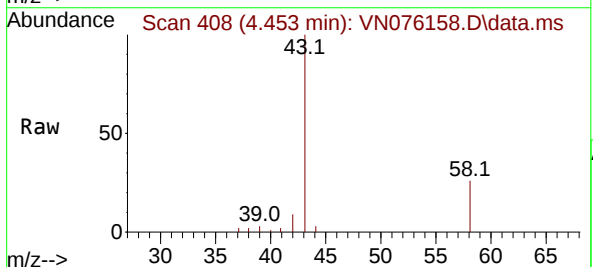
Instrument :
 MSVOA_N
 ClientSampleId :
 PB150106ZHE#03

Tgt Ion:168 Resp: 311738
 Ion Ratio Lower Upper
 168 100
 99 58.5 44.2 66.4



#16
 Acetone
 Concen: 31.280 ug/l
 RT: 4.453 min Scan# 408
 Delta R.T. 0.012 min
 Lab File: VN076158.D
 Acq: 09 Jan 2023 16:04

Tgt Ion: 43 Resp: 36569
 Ion Ratio Lower Upper
 43 100
 58 26.0 28.6 43.0#

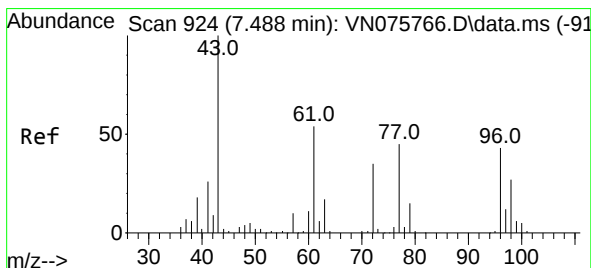
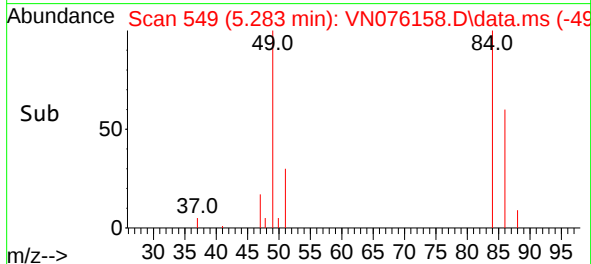
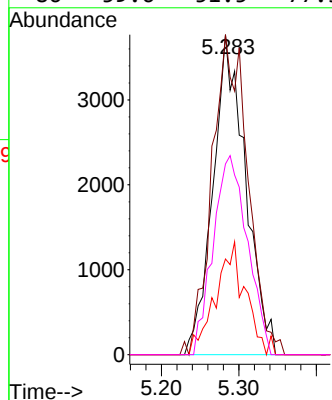
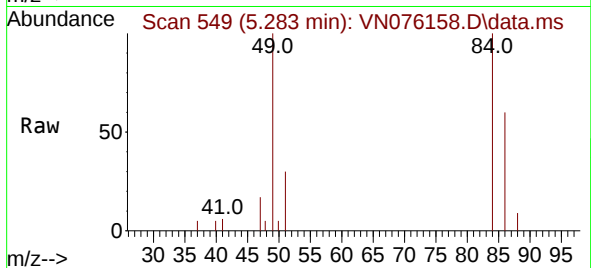




#20
Methylene Chloride
Concen: 2.904 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076158.D
Acq: 09 Jan 2023 16:04

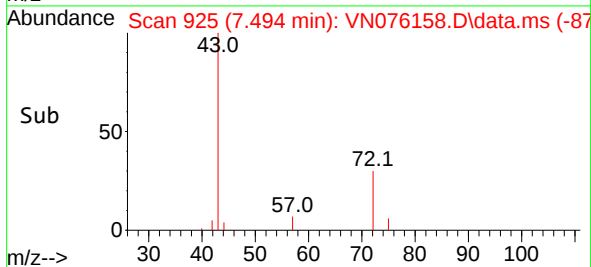
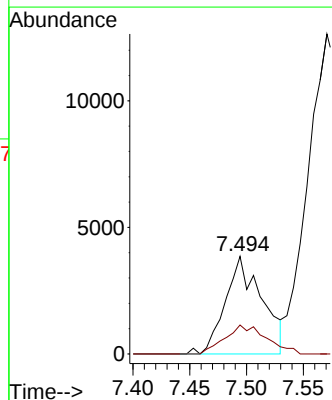
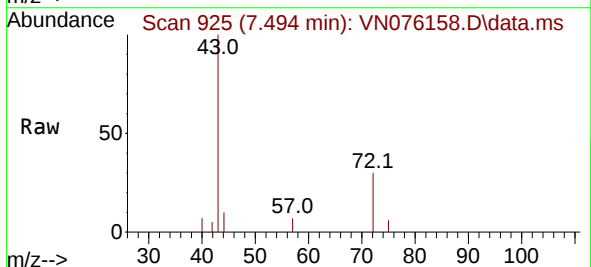
Instrument :
MSVOA_N
ClientSampleId :
PB150106ZHE#03

Tgt Ion: 84	Resp: 10967
Ion Ratio	Lower Upper
84 100	
49 100.0	81.8 122.6
51 29.9	26.7 40.1
86 59.6	51.5 77.3



#25
2-Butanone
Concen: 5.285 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.006 min
Lab File: VN076158.D
Acq: 09 Jan 2023 16:04

Tgt Ion: 43	Resp: 8652		
Ion Ratio	Lower	Upper	
43 100			
72 29.7	28.0	42.0	





#33

1,2-Dichloroethane-d4

Concen: 50.873 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN076158.D

Acq: 09 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

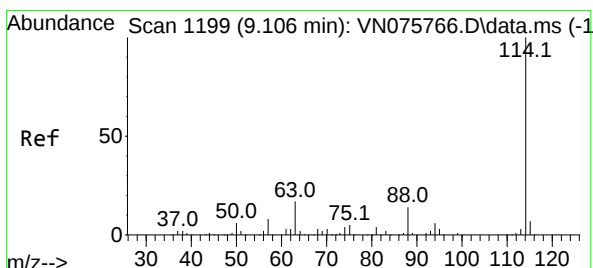
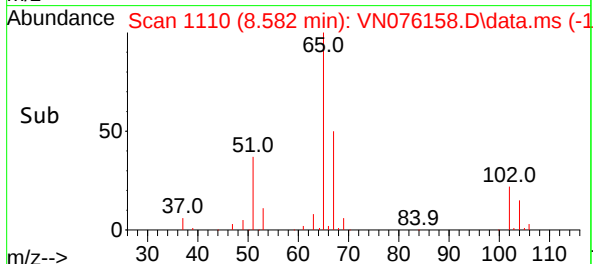
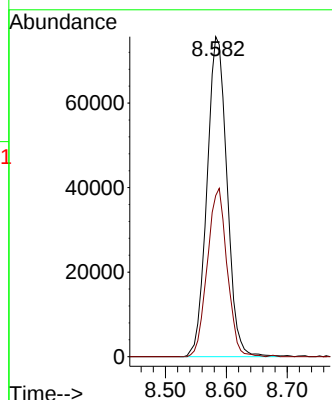
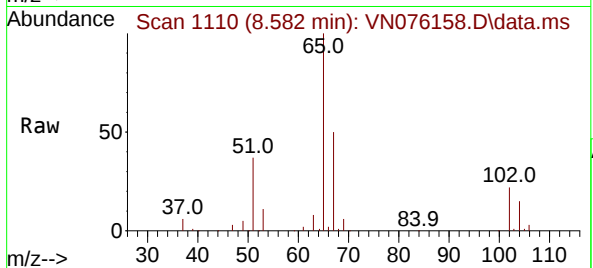
PB150106ZHE#03

Tgt Ion: 65 Resp: 172531

Ion Ratio Lower Upper

65 100

67 52.0 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: VN076158.D

Acq: 09 Jan 2023 16:04

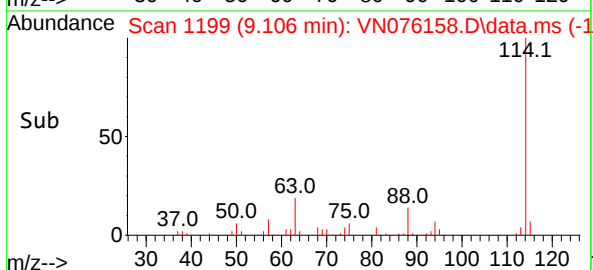
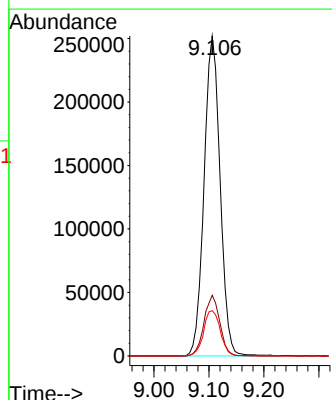
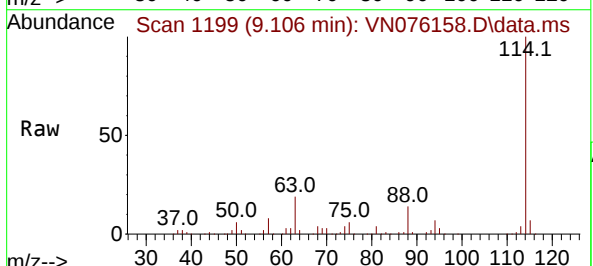
Tgt Ion: 114 Resp: 511254

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.4

88 14.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.801 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076158.D

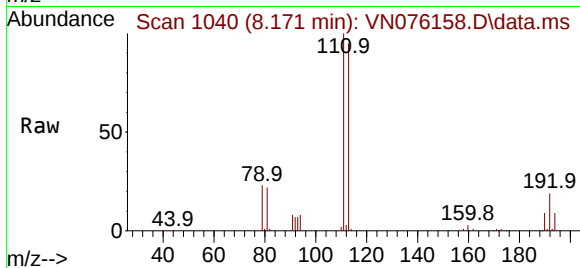
Acq: 09 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB150106ZHE#03



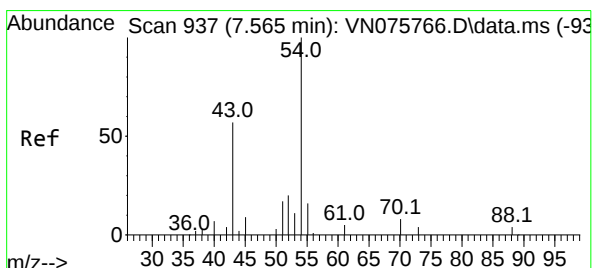
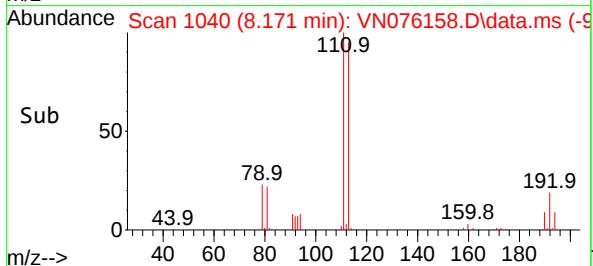
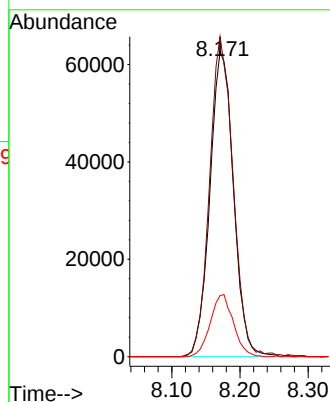
Tgt Ion:113 Resp: 151344

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

192 19.9 16.1 24.1



#37

Ethyl Acetate

Concen: 9.113 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN076158.D

Acq: 09 Jan 2023 16:04

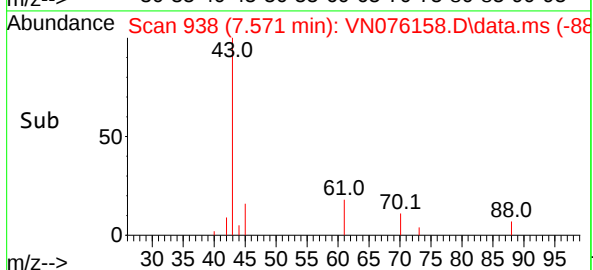
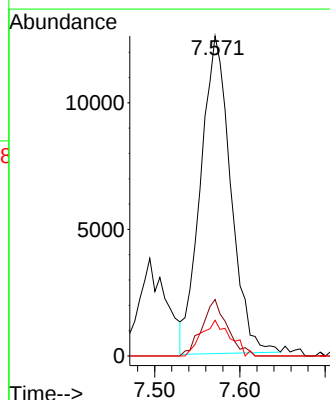
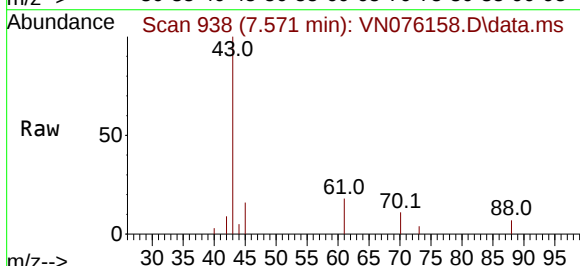
Tgt Ion: 43 Resp: 30787

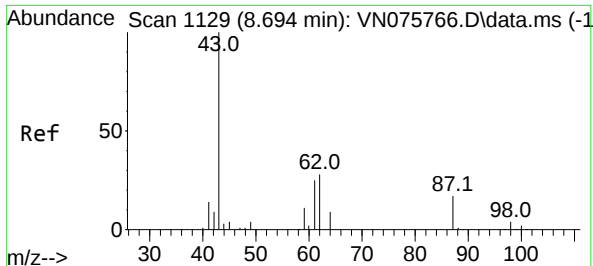
Ion Ratio Lower Upper

43 100

61 14.9 13.0 19.4

70 10.7 9.4 14.0





#43

Isopropyl Acetate

Concen: 40.102 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076158.D

Acq: 09 Jan 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

PB150106ZHE#03

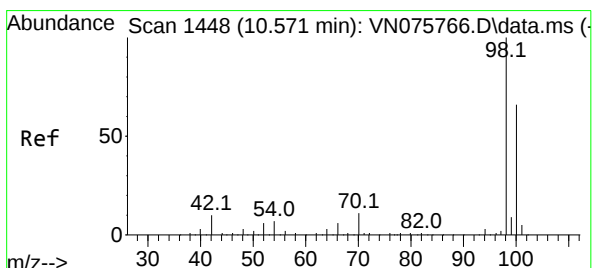
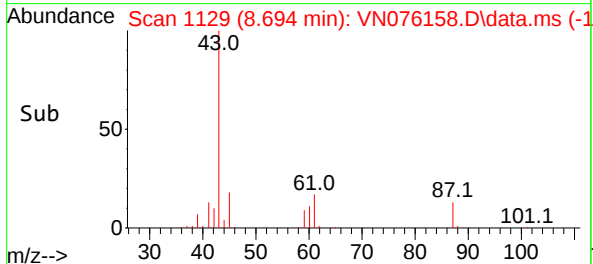
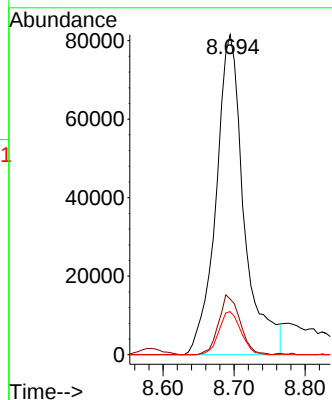
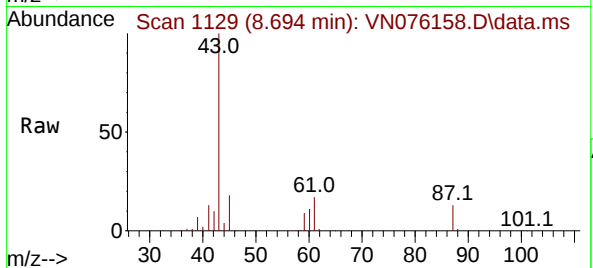
Tgt Ion: 43 Resp: 223484

Ion Ratio Lower Upper

43 100

61 14.3 24.2 36.4#

87 10.5 13.3 19.9#



#50

Toluene-d8

Concen: 50.736 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076158.D

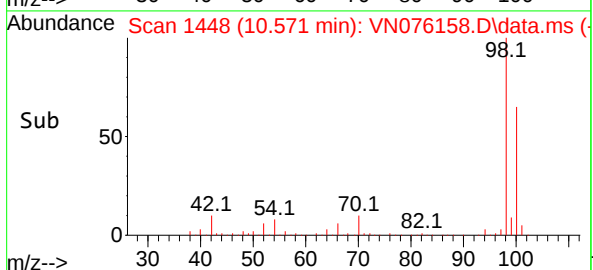
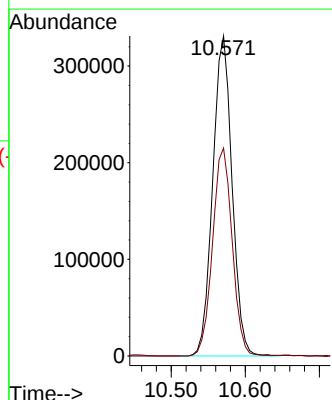
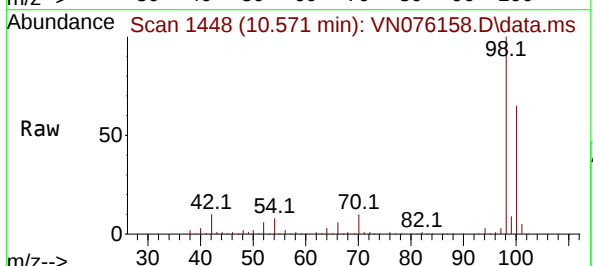
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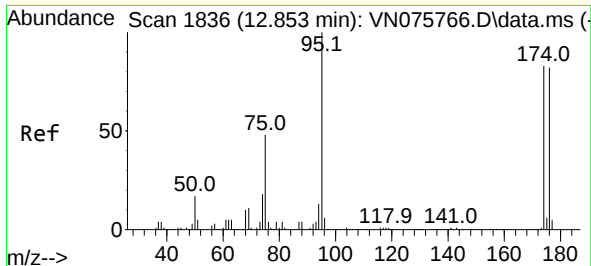
Tgt Ion: 98 Resp: 600602

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1

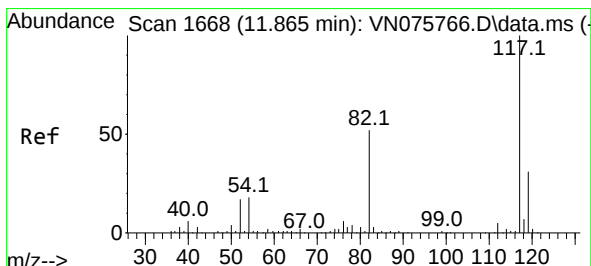
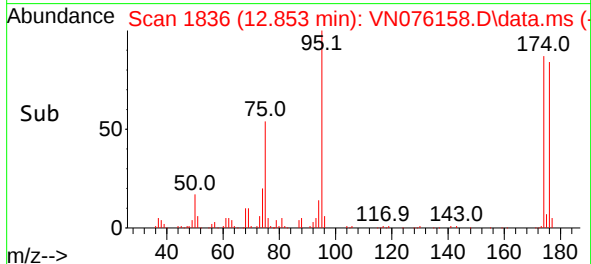
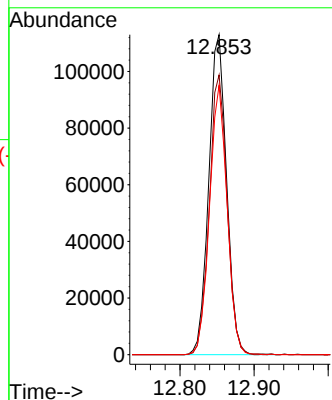
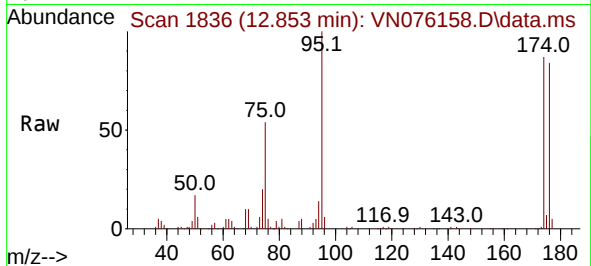




#62
4-Bromofluorobenzene
Concen: 48.045 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076158.D
Acq: 09 Jan 2023 16:04

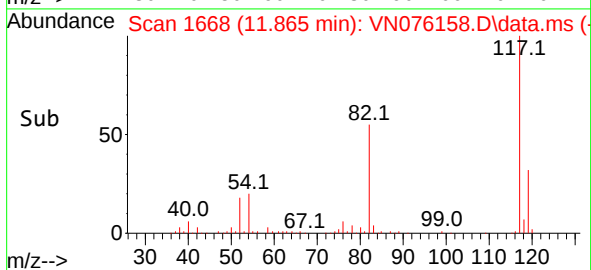
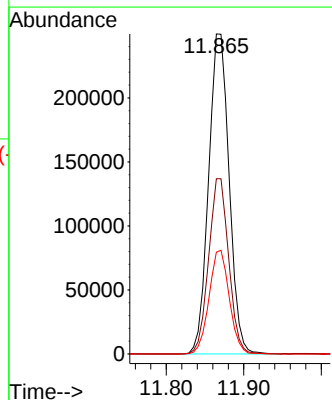
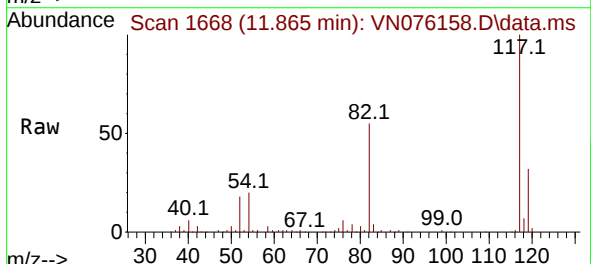
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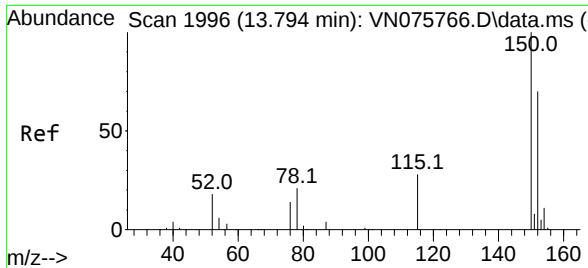
Tgt Ion: 95 Resp: 188376
Ion Ratio Lower Upper
95 100
174 87.2 0.0 171.6
176 82.9 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076158.D
Acq: 09 Jan 2023 16:04

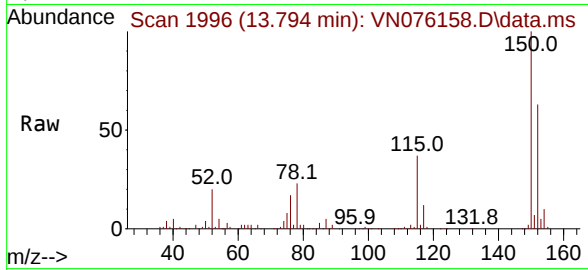
Tgt Ion: 117 Resp: 459554
Ion Ratio Lower Upper
117 100
82 54.8 41.3 61.9
119 31.8 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076158.D
 Acq: 09 Jan 2023 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB150106ZHE#03



Tgt Ion:	152	Resp:	189119
Ion	Ratio	Lower	Upper
152	100		
115	57.3	29.1	87.4
150	157.0	0.0	347.0

