

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030923\
 Data File : VN076910.D
 Acq On : 09 Mar 2023 18:28
 Operator : JC\MD
 Sample : PB151321ZHE#03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB151321ZHE#03

Quant Time: Mar 10 03:49:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 08:45:33 2023
 Response via : Initial Calibration

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

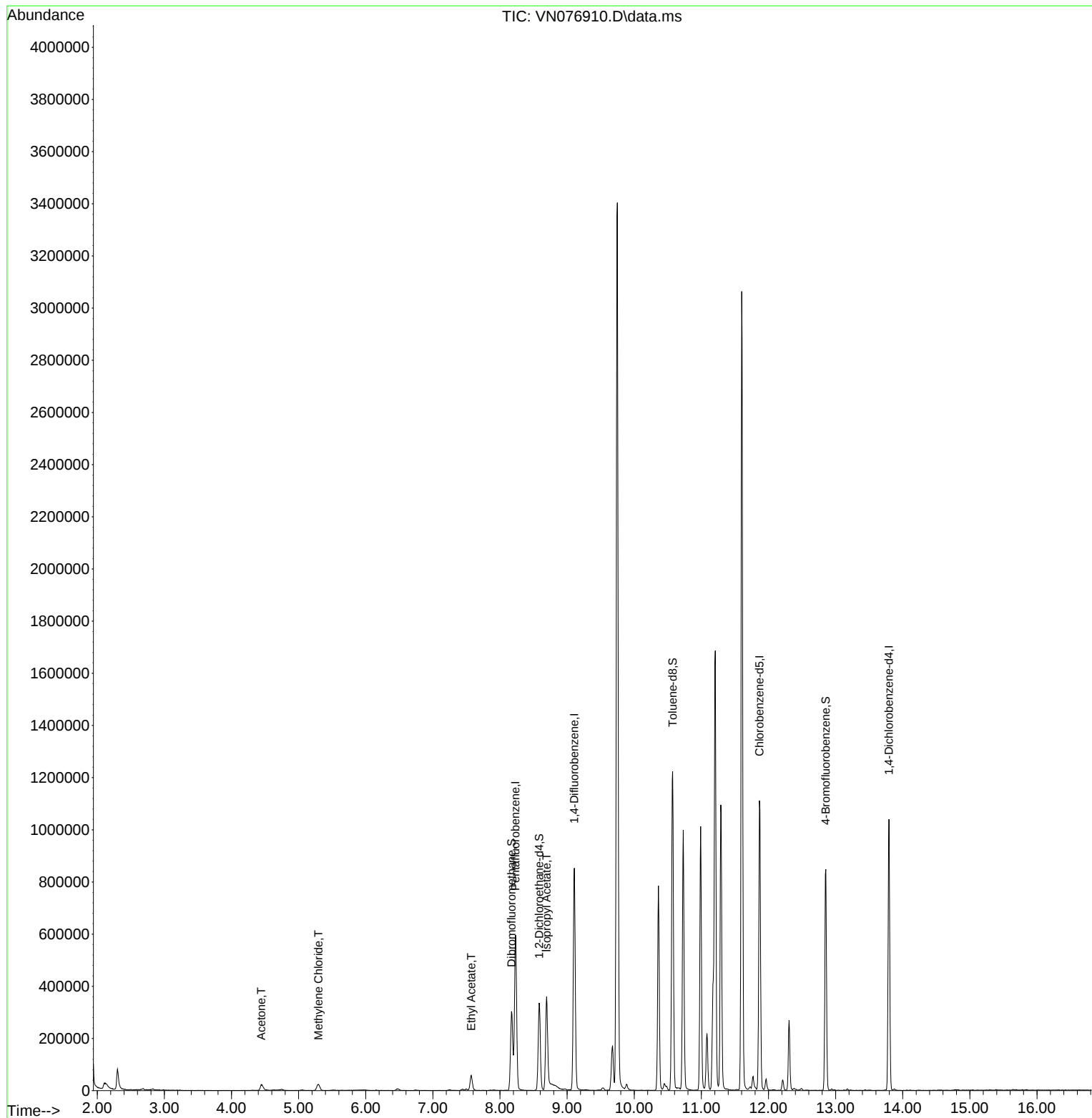
Internal Standards						
1) Pentafluorobenzene	8.231	168	421739	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	727396	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	640369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	270045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	290346	49.104	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.200%
35) Dibromofluoromethane	8.172	113	218152	47.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.880%
50) Toluene-d8	10.572	98	869365	49.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.180%
62) 4-Bromofluorobenzene	12.854	95	309297	50.914	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.820%
Target Compounds						
					Qvalue	
16) Acetone	4.443	43	44202	17.126	ug/l #	86
20) Methylene Chloride	5.296	84	19418	3.225	ug/l	93
37) Ethyl Acetate	7.572	43	81370	10.839	ug/l	98
43) Isopropyl Acetate	8.695	43	402809	35.050	ug/l #	81

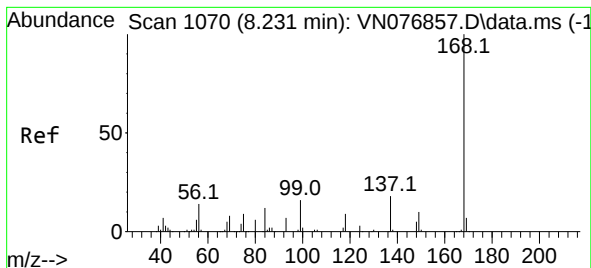
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076910.D

Acq: 09 Mar 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

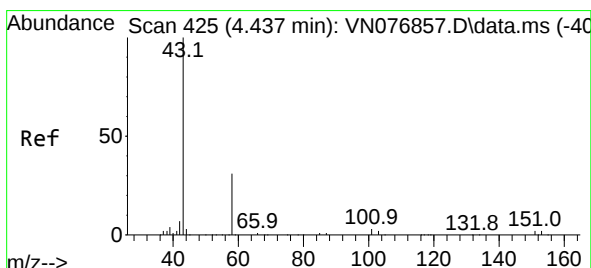
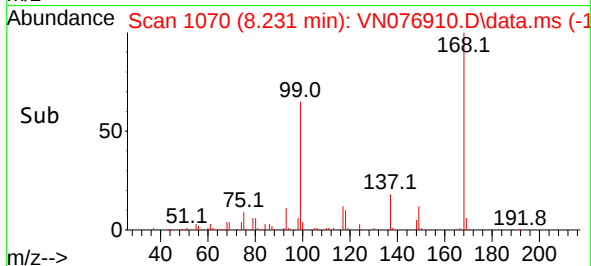
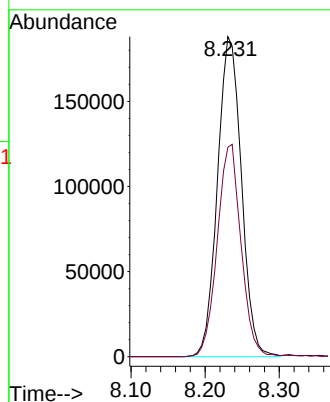
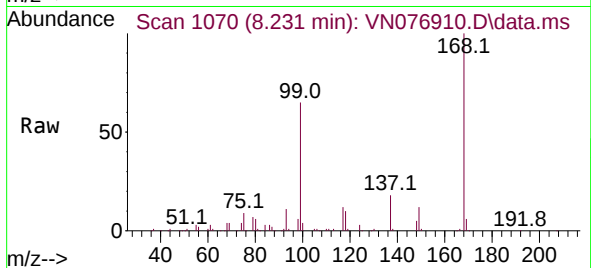
PB151321ZHE#03

Tgt Ion:168 Resp: 421739

Ion Ratio Lower Upper

168 100

99 65.4 48.6 73.0



#16

Acetone

Concen: 17.126 ug/l

RT: 4.443 min Scan# 426

Delta R.T. 0.006 min

Lab File: VN076910.D

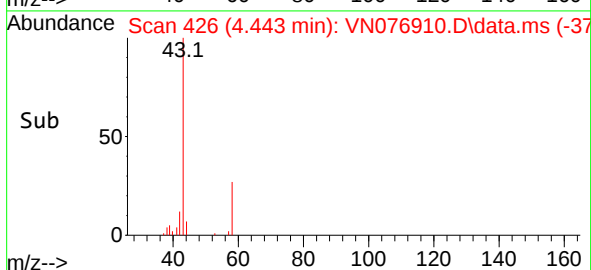
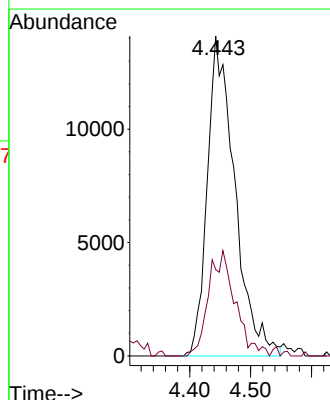
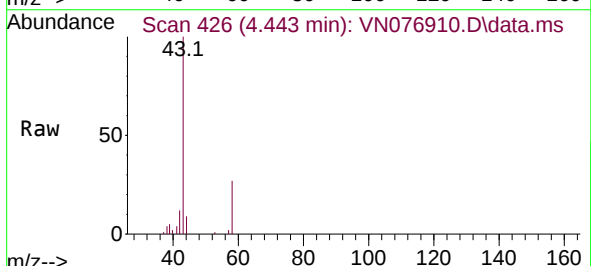
Acq: 09 Mar 2023 18:28

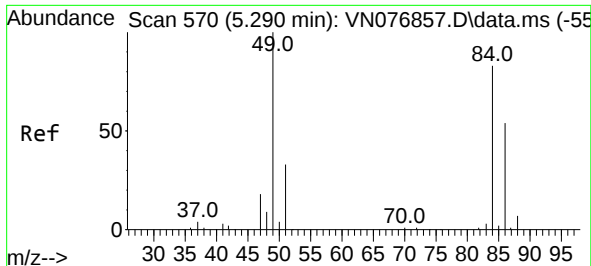
Tgt Ion: 43 Resp: 44202

Ion Ratio Lower Upper

43 100

58 27.0 28.2 42.2#

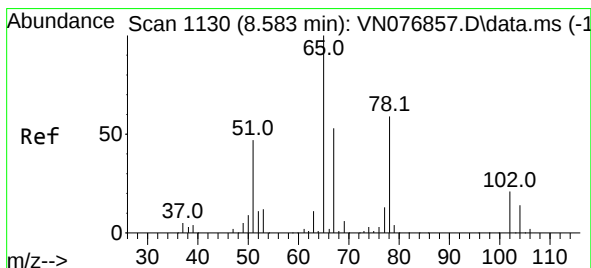
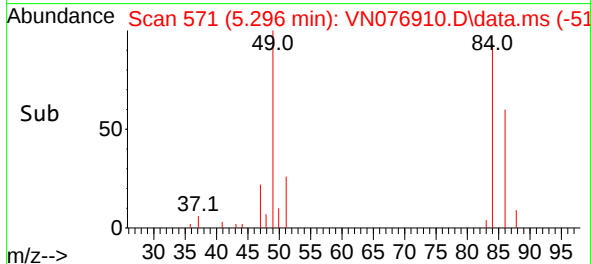
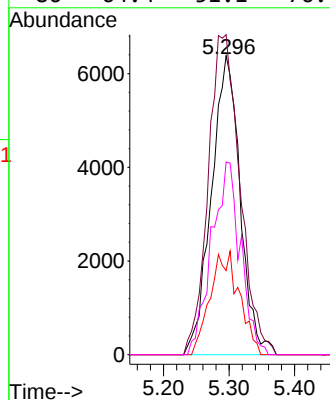
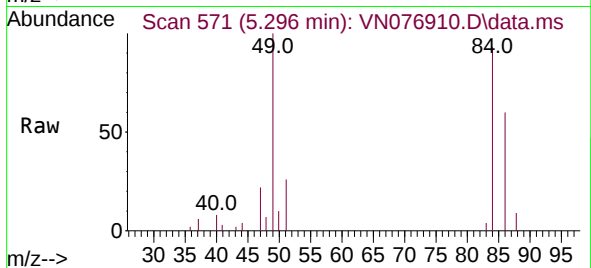




#20
Methylene Chloride
Concen: 3.225 ug/l
RT: 5.296 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076910.D
Acq: 09 Mar 2023 18:28

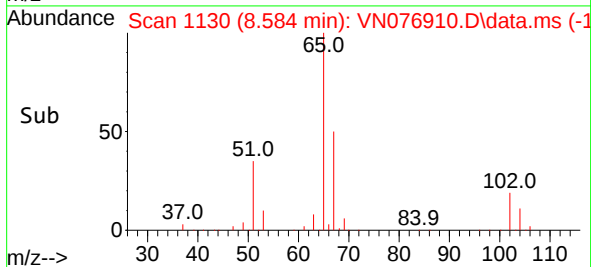
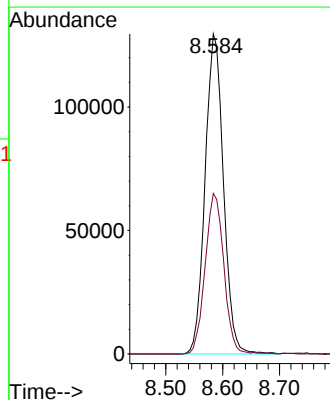
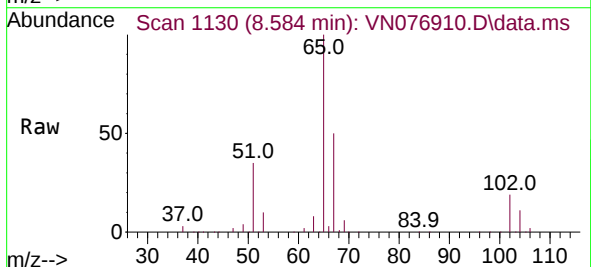
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#03

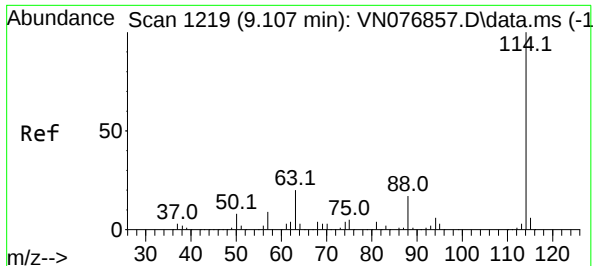
Tgt Ion: 84	Resp: 19418
Ion Ratio	Lower Upper
84 100	
49 107.0	76.6 114.8
51 28.2	25.4 38.2
86 64.4	51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 49.104 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN076910.D
Acq: 09 Mar 2023 18:28

Tgt Ion: 65	Resp: 290346
Ion Ratio	Lower Upper
65 100	
67 51.2	0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN076910.D

Acq: 09 Mar 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#03

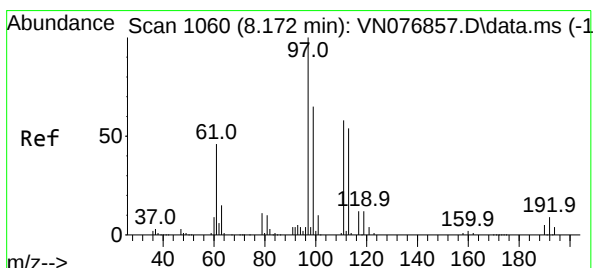
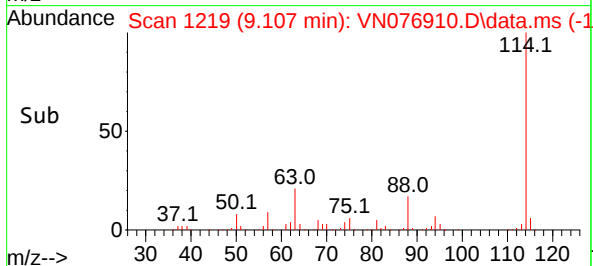
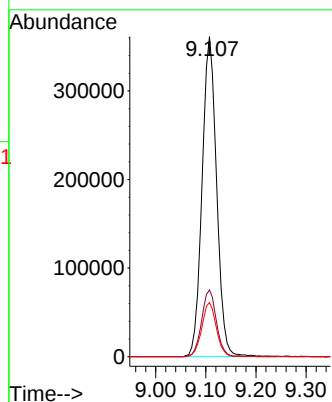
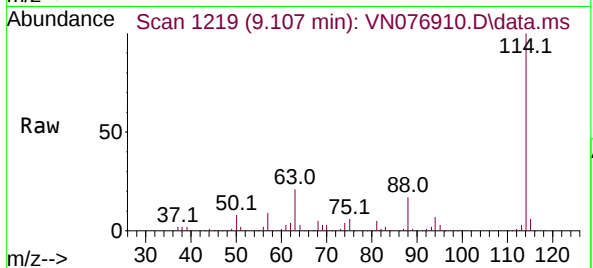
Tgt Ion:114 Resp: 727396

Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.6

88 16.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 47.941 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076910.D

Acq: 09 Mar 2023 18:28

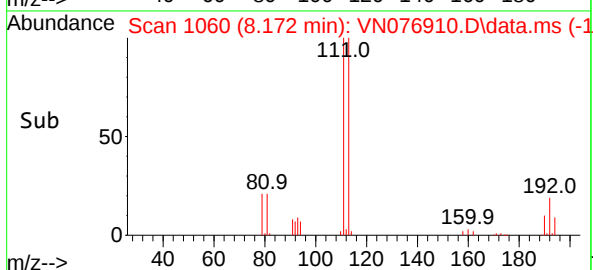
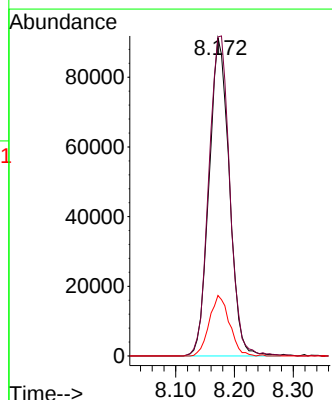
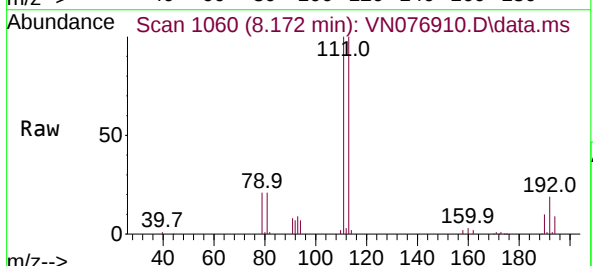
Tgt Ion:113 Resp: 218152

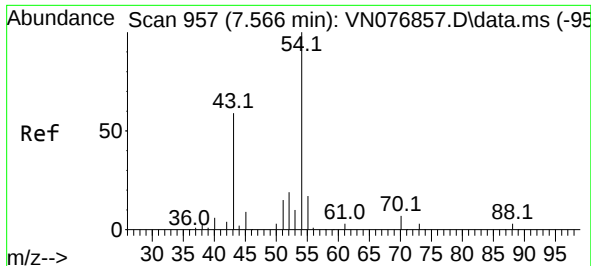
Ion Ratio Lower Upper

113 100

111 104.1 81.8 122.8

192 19.0 13.9 20.9

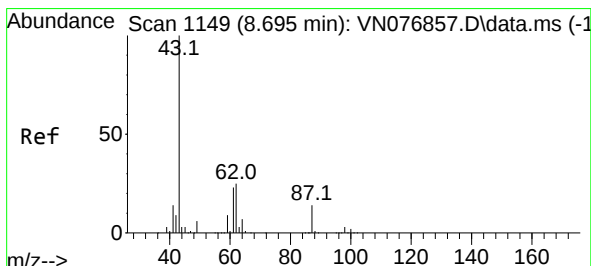
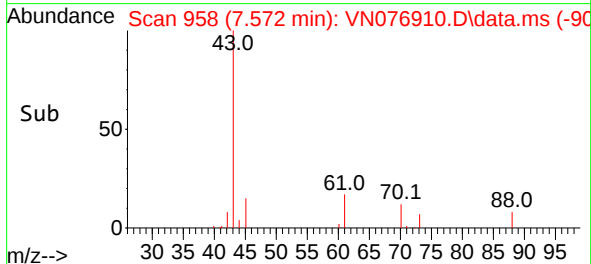
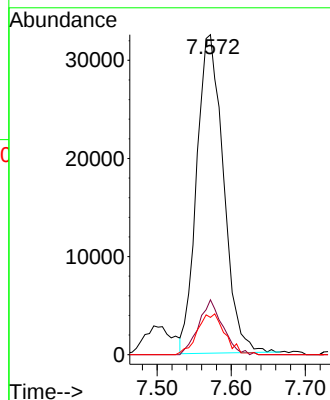
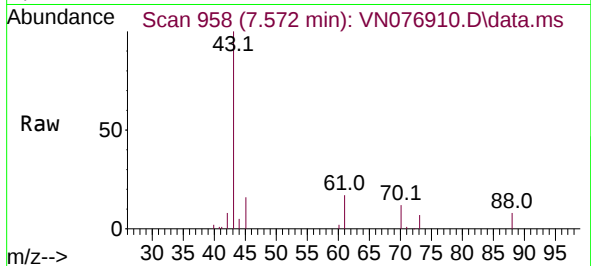




#37
Ethyl Acetate
Concen: 10.839 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076910.D
Acq: 09 Mar 2023 18:28

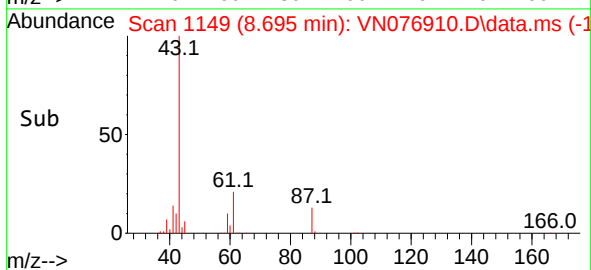
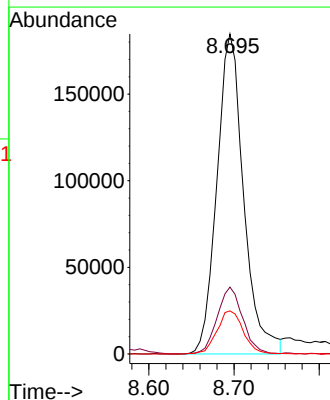
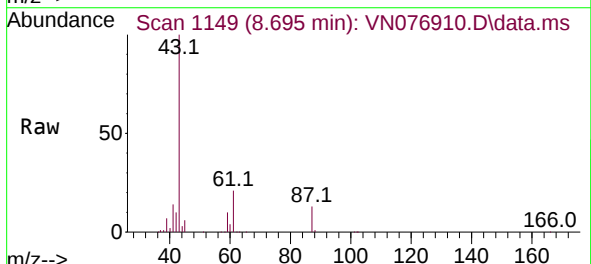
Instrument :
MSVOA_N
ClientSampleId :
PB151321ZHE#03

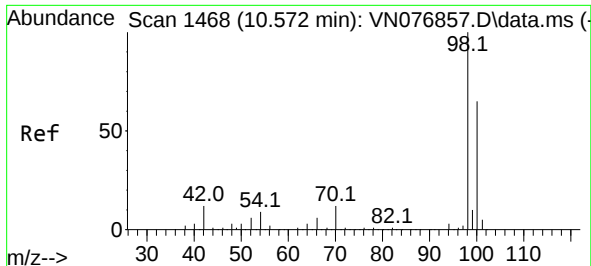
Tgt Ion: 43	Resp: 81370
Ion Ratio	Lower Upper
43 100	
61 15.5	13.5 20.3
70 13.2	11.0 16.6



#43
Isopropyl Acetate
Concen: 35.050 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076910.D
Acq: 09 Mar 2023 18:28

Tgt Ion: 43	Resp: 402809
Ion Ratio	Lower Upper
43 100	
61 19.9	26.2 39.2#
87 13.2	14.8 22.2#

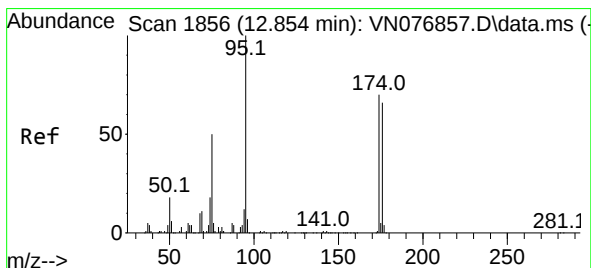
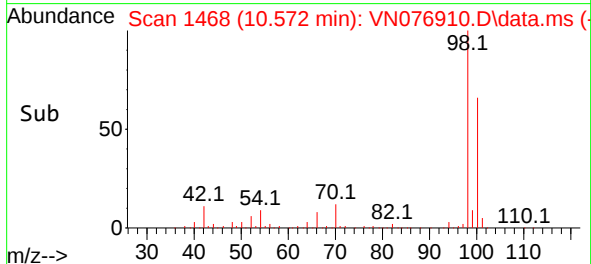
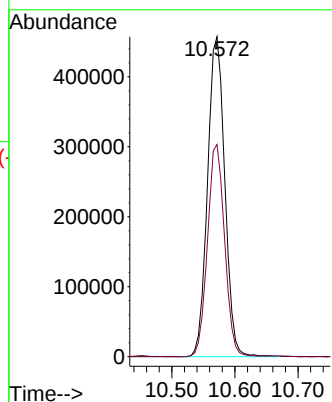
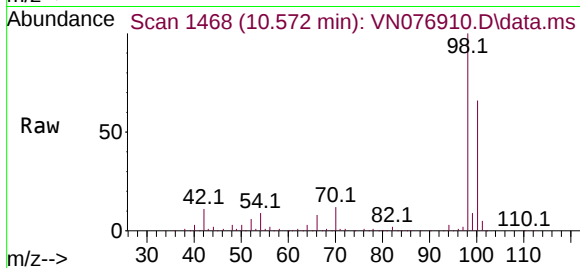




#50
Toluene-d8
Concen: 49.589 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076910.D
Acq: 09 Mar 2023 18:28

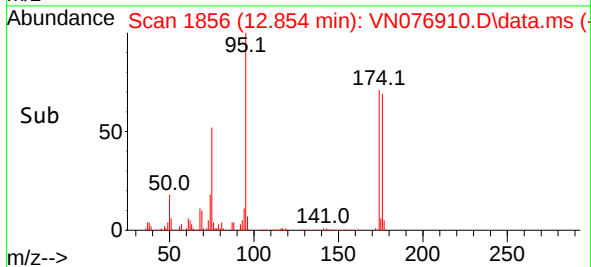
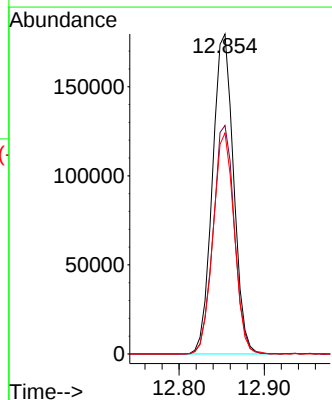
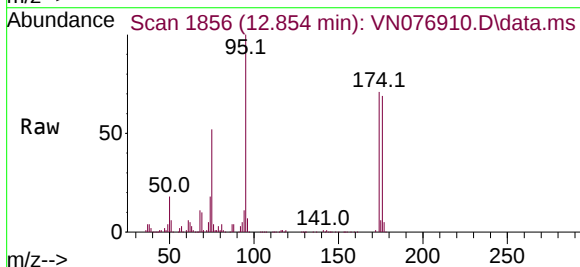
Instrument :
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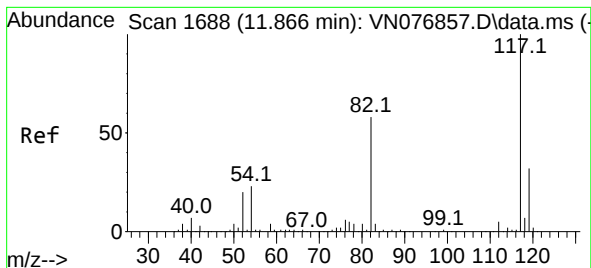
Tgt Ion: 98 Resp: 869365
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.914 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN076910.D
Acq: 09 Mar 2023 18:28

Tgt Ion: 95 Resp: 309297
Ion Ratio Lower Upper
95 100
174 71.6 0.0 162.4
176 69.1 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.866 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076910.D

Acq: 09 Mar 2023 18:28

Instrument :

MSVOA_N

ClientSampleId :

PB151321ZHE#03

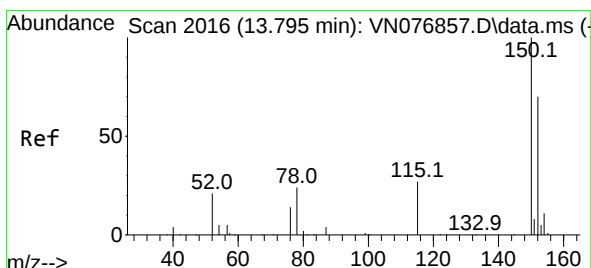
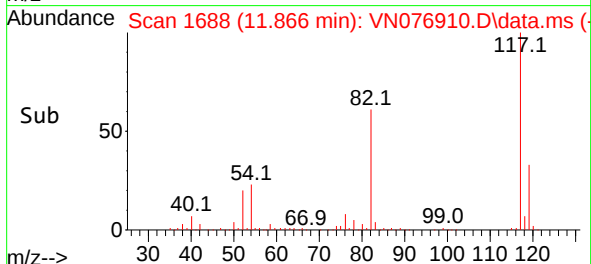
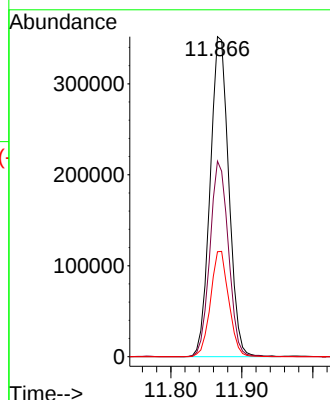
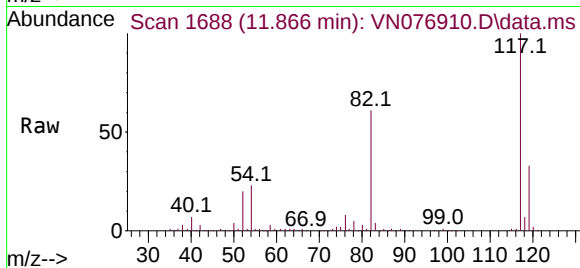
Tgt Ion:117 Resp: 640369

Ion Ratio Lower Upper

117 100

82 61.1 43.5 65.3

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN076910.D

Acq: 09 Mar 2023 18:28

Tgt Ion:152 Resp: 270045

Ion Ratio Lower Upper

152 100

115 65.5 30.3 90.9

150 158.7 0.0 353.6

