

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076204.D
 Acq On : 11 Jan 2023 12:52
 Operator : JC\MD
 Sample : 01106-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-B

Quant Time: Jan 12 00:34:04 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)

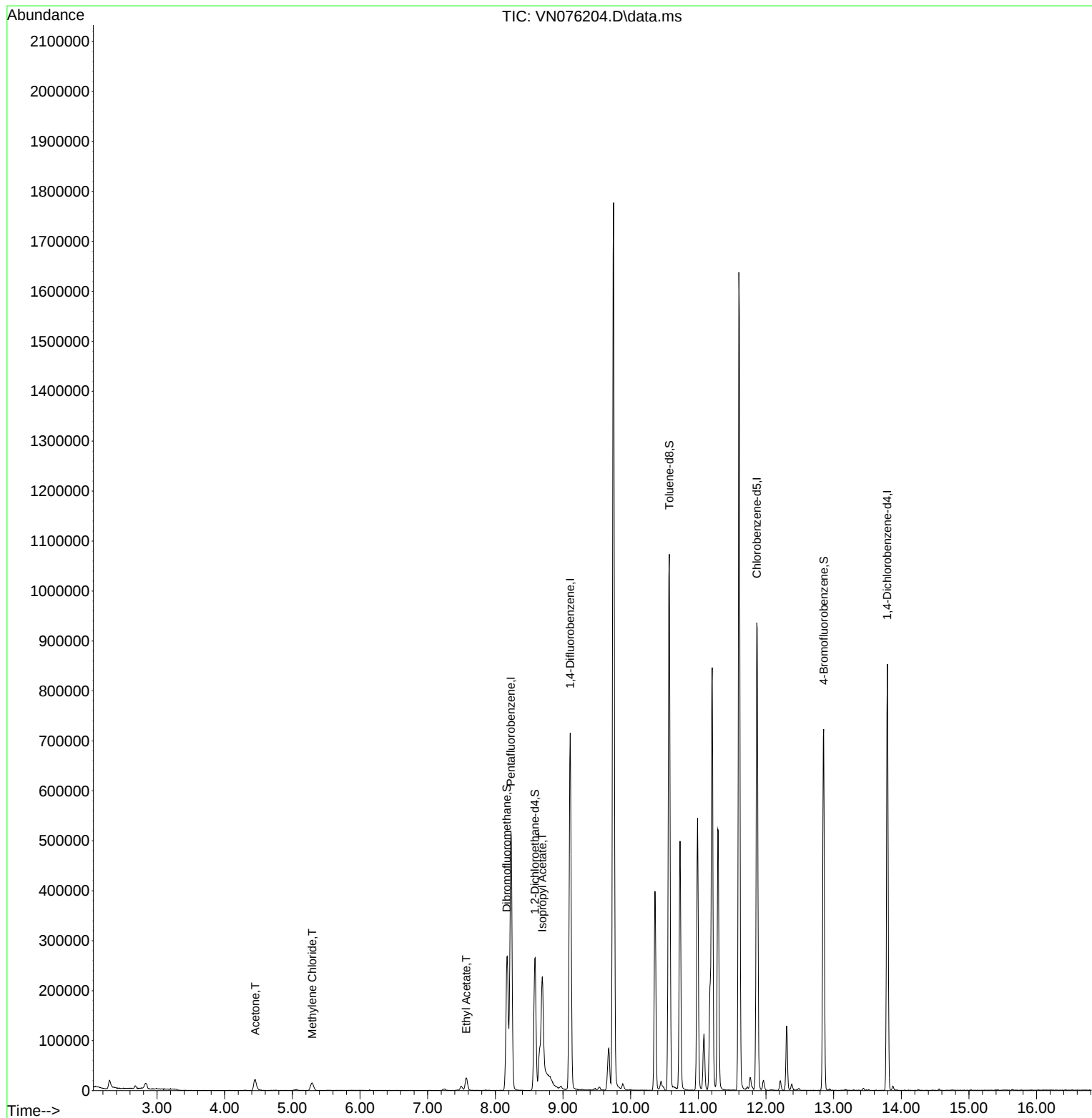
Internal Standards						
1) Pentafluorobenzene	8.230	168	406095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	581030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238678	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	216282	48.955	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.920%
35) Dibromofluoromethane	8.171	113	193395	47.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	10.571	98	761986	50.298	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.853	95	240430	47.917	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.840%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	42452	27.875	ug/l	98
20) Methylene Chloride	5.294	84	13355	2.672	ug/l	89
37) Ethyl Acetate	7.571	43	38537	8.914	ug/l	99
43) Isopropyl Acetate	8.694	43	384162	53.866	ug/l #	70

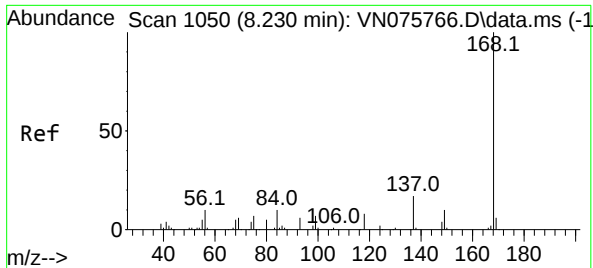
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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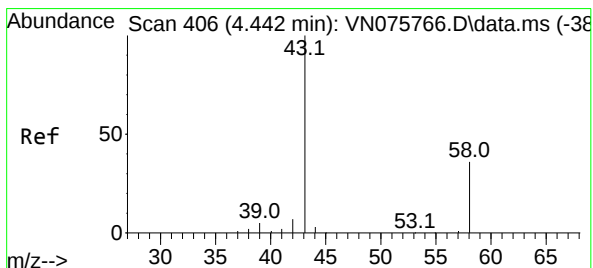
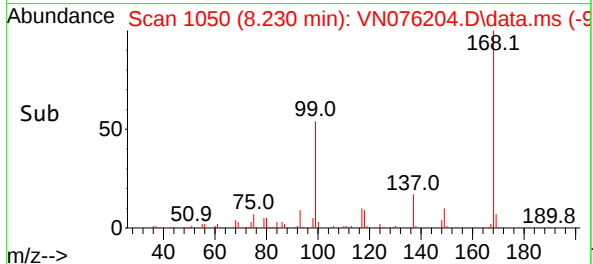
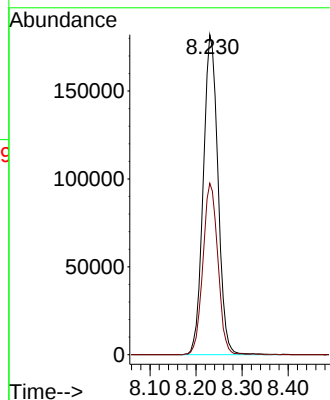
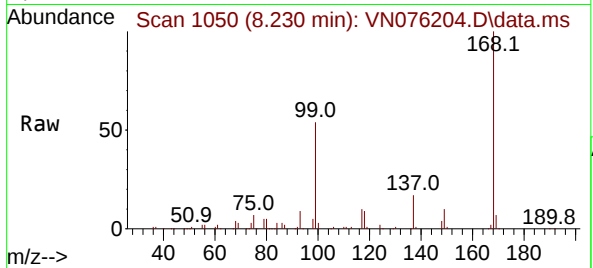




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076204.D
Acq: 11 Jan 2023 12:52

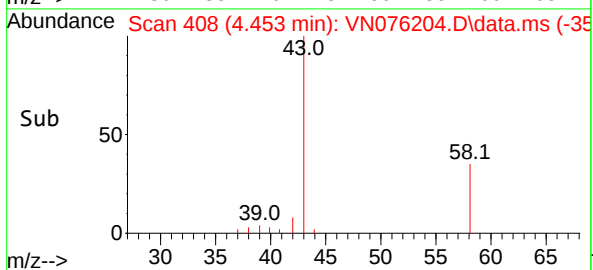
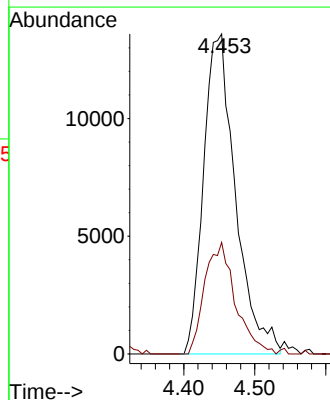
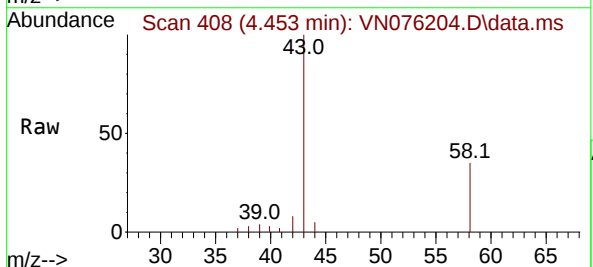
Instrument :
MSVOA_N
ClientSampleId :
TP-B

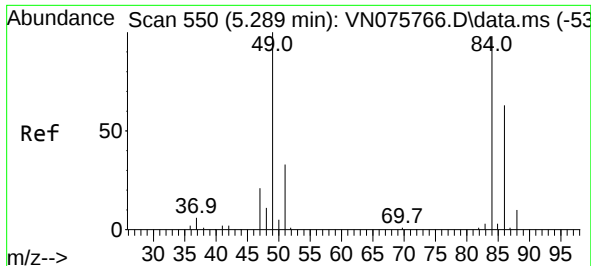
Tgt Ion:168 Resp: 406095
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#16
Acetone
Concen: 27.875 ug/l
RT: 4.453 min Scan# 408
Delta R.T. 0.012 min
Lab File: VN076204.D
Acq: 11 Jan 2023 12:52

Tgt Ion: 43 Resp: 42452
Ion Ratio Lower Upper
43 100
58 34.9 28.6 43.0

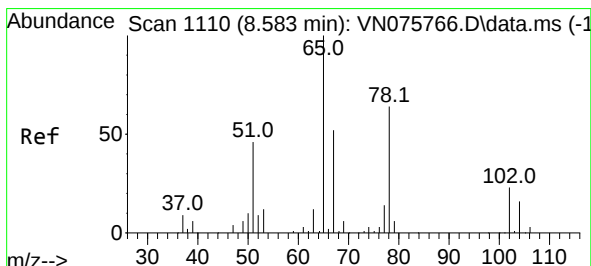
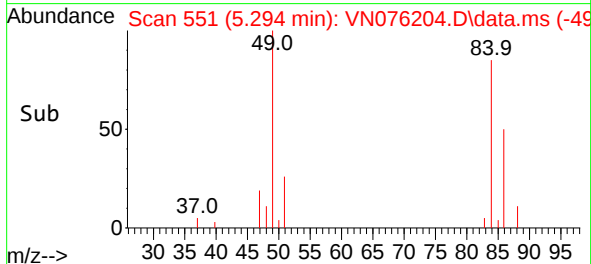
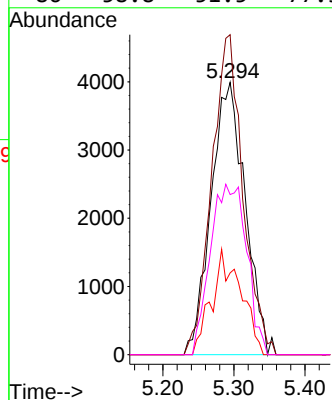
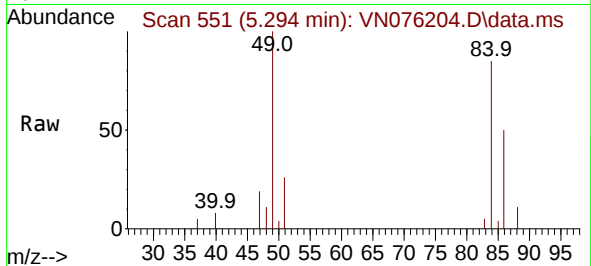




#20
Methylene Chloride
Concen: 2.672 ug/l
RT: 5.294 min Scan# 511
Delta R.T. 0.005 min
Lab File: VN076204.D
Acq: 11 Jan 2023 12:52

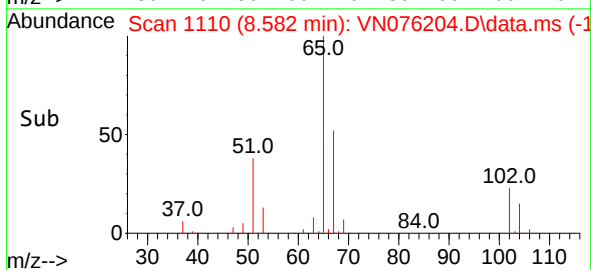
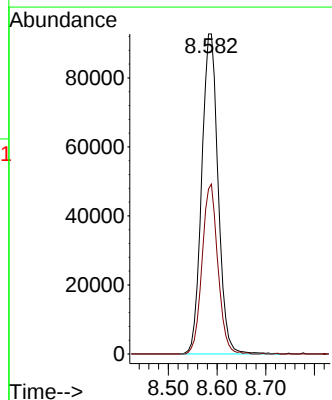
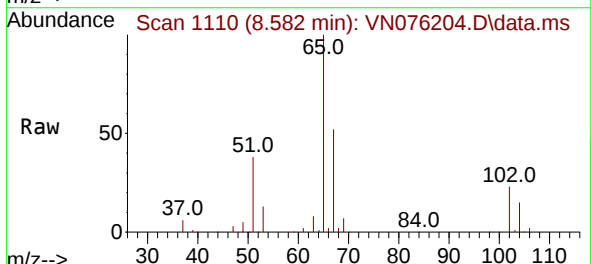
Instrument :
MSVOA_N
ClientSampleId :
TP-B

Tgt Ion: 84	Resp: 13355		
Ion	Ratio	Lower	Upper
84	100		
49	117.5	81.8	122.6
51	30.0	26.7	40.1
86	58.8	51.5	77.3



#33
1,2-Dichloroethane-d4
Concen: 48.955 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN076204.D
Acq: 11 Jan 2023 12:52

Tgt Ion: 65	Resp: 216282
Ion Ratio	Lower Upper
65 100	
67 51.1	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: VN076204.D

Acq: 11 Jan 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

TP-B

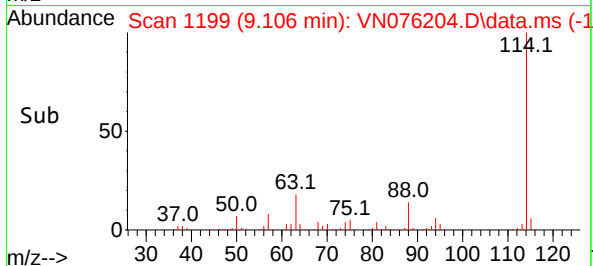
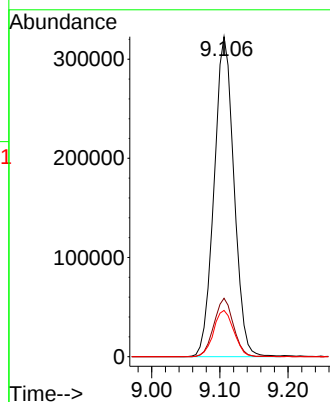
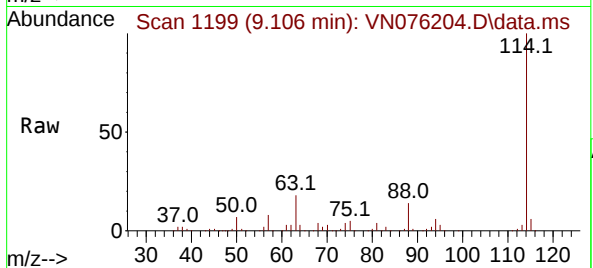
Tgt Ion:114 Resp: 654273

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.730 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076204.D

Acq: 11 Jan 2023 12:52

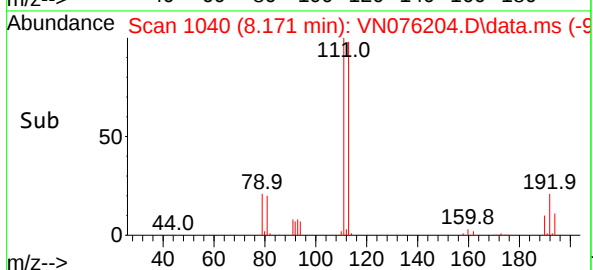
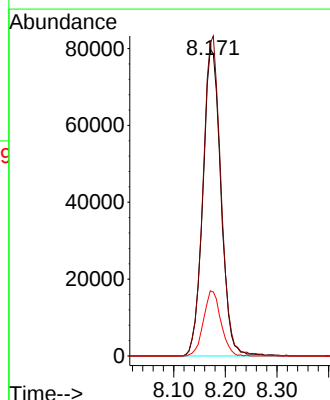
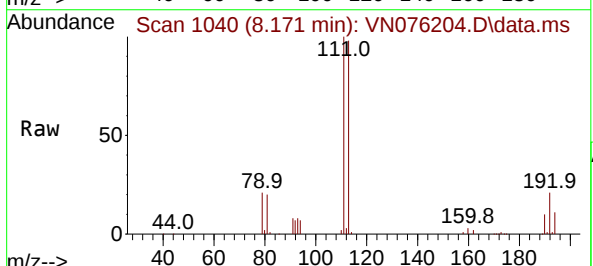
Tgt Ion:113 Resp: 193395

Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 20.5 16.1 24.1





#37

Ethyl Acetate

Concen: 8.914 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076204.D

Acq: 11 Jan 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

TP-B

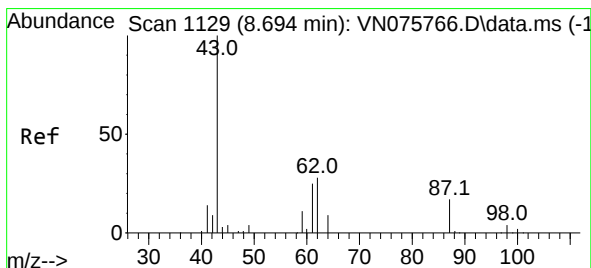
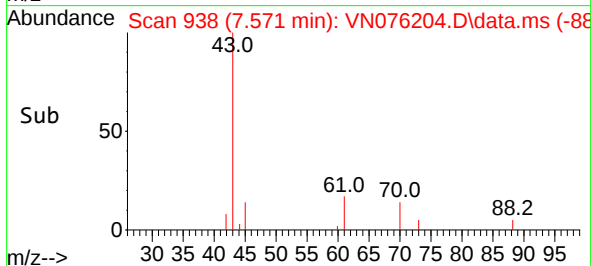
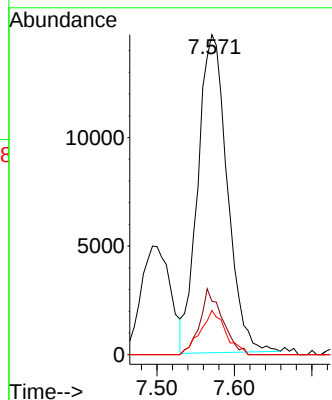
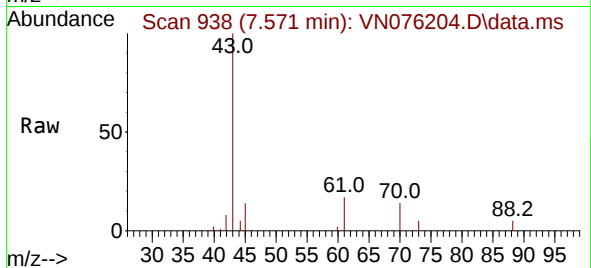
Tgt Ion: 43 Resp: 38537

Ion Ratio Lower Upper

43 100

61 15.9 13.0 19.4

70 12.1 9.4 14.0



#43

Isopropyl Acetate

Concen: 53.866 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN076204.D

Acq: 11 Jan 2023 12:52

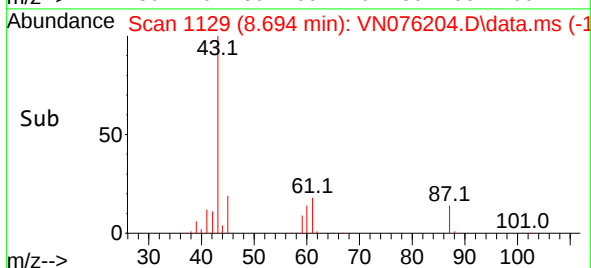
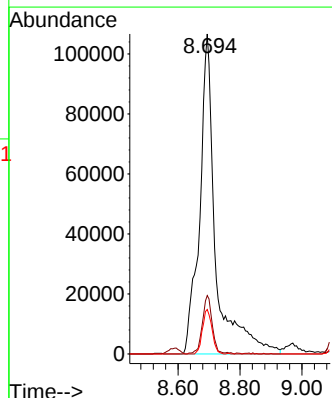
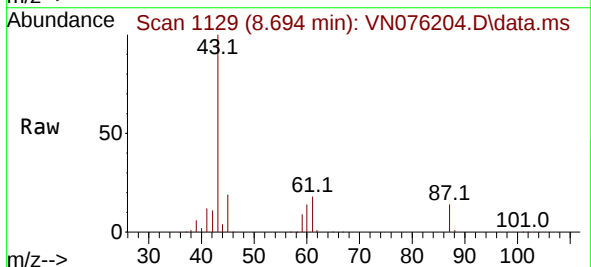
Tgt Ion: 43 Resp: 384162

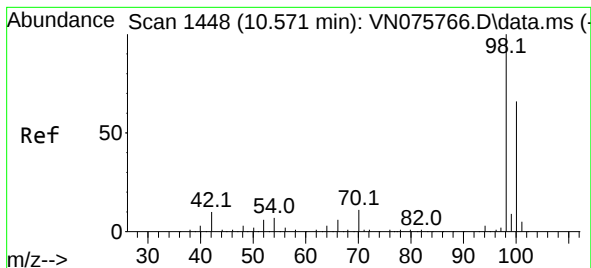
Ion Ratio Lower Upper

43 100

61 11.1 24.2 36.4#

87 8.2 13.3 19.9#

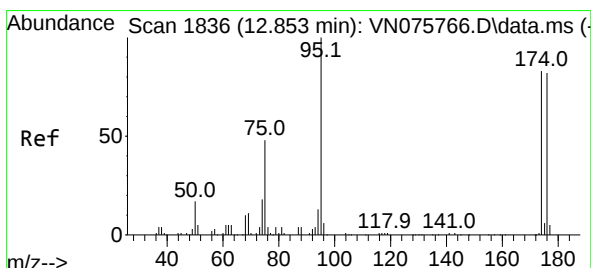
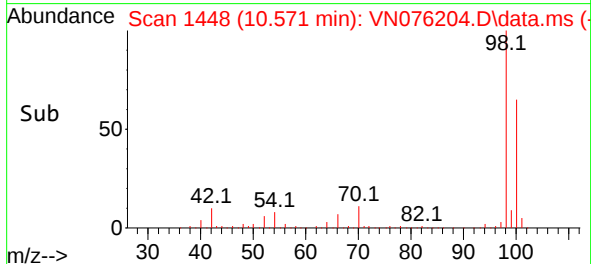
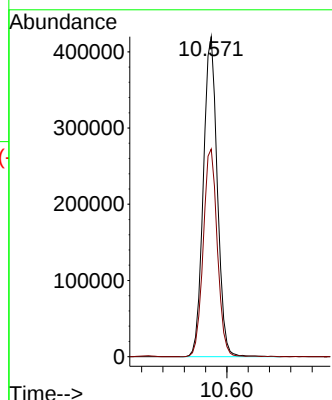
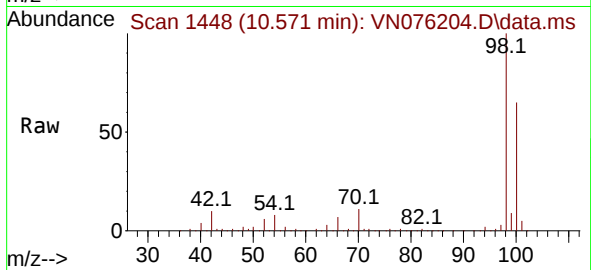




#50
Toluene-d8
Concen: 50.298 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076204.D
Acq: 11 Jan 2023 12:52

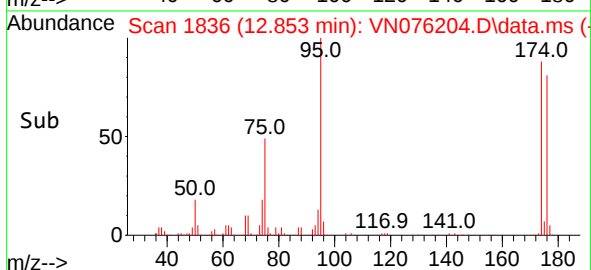
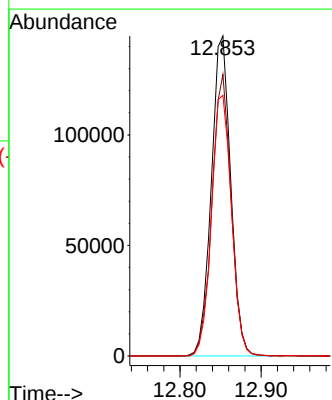
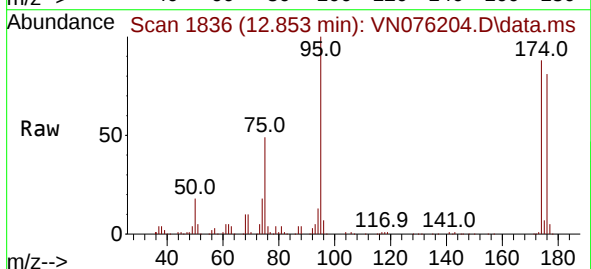
Instrument :
MSVOA_N
ClientSampleId :
TP-B

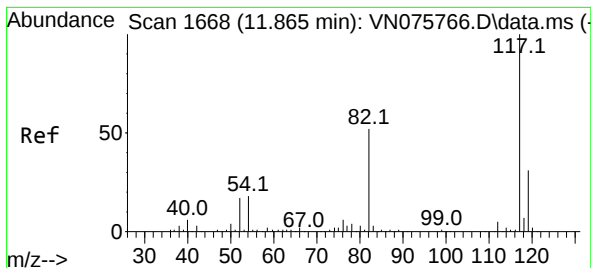
Tgt Ion: 98 Resp: 761986
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.917 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076204.D
Acq: 11 Jan 2023 12:52

Tgt Ion: 95 Resp: 240430
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 83.9 0.0 169.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076204.D

Acq: 11 Jan 2023 12:52

Instrument :

MSVOA_N

ClientSampleId :

TP-B

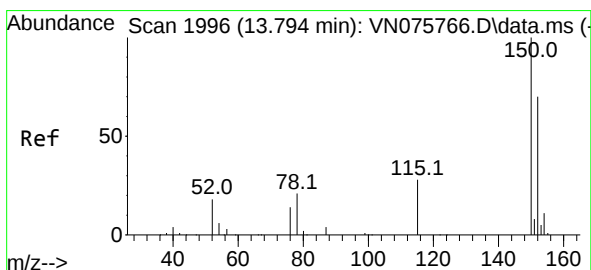
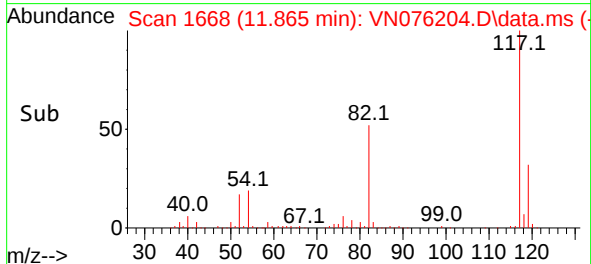
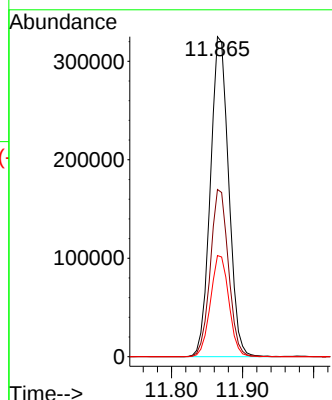
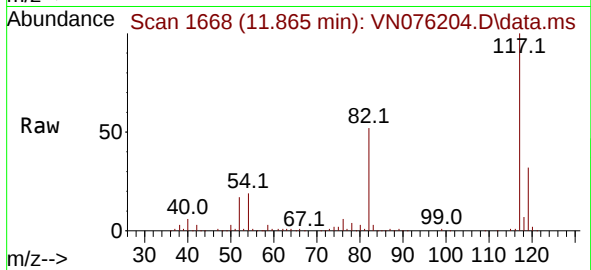
Tgt Ion:117 Resp: 581030

Ion Ratio Lower Upper

117 100

82 52.3 41.3 61.9

119 31.6 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: VN076204.D

Acq: 11 Jan 2023 12:52

Tgt Ion:152 Resp: 238678

Ion Ratio Lower Upper

152 100

115 56.8 29.1 87.4

150 158.5 0.0 347.0

