

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075368.D
 Acq On : 22 Nov 2022 15:20
 Operator : JC\MD
 Sample : PB149226TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226TB

Quant Time: Nov 23 07:10:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

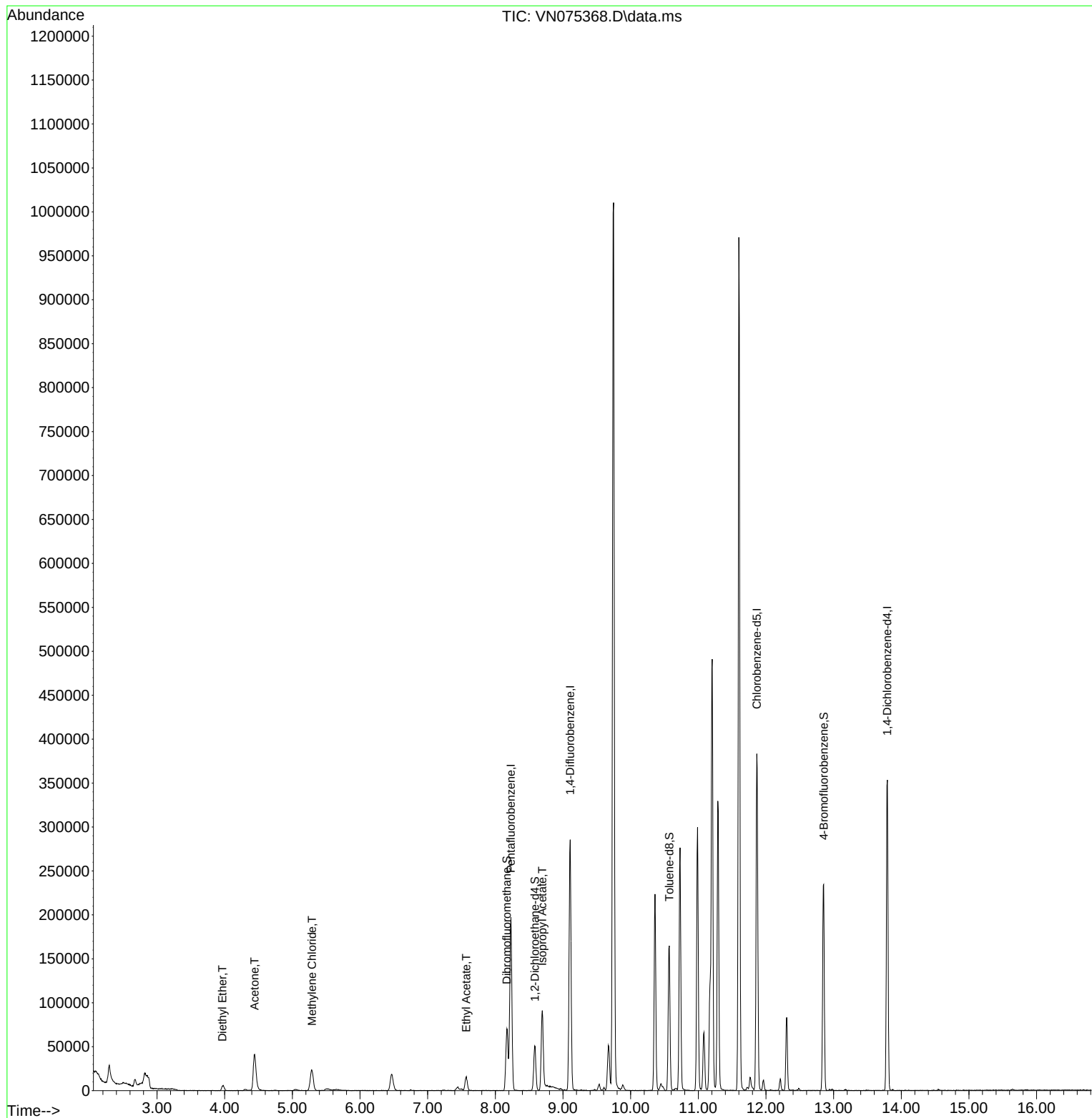
Internal Standards						
1) Pentafluorobenzene	8.230	168	147402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	264448	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240320	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	41923	52.984	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.960%	
35) Dibromofluoromethane	8.171	113	50842	48.941	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.880%	
50) Toluene-d8	10.571	98	119837	51.218	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.440%	
62) 4-Bromofluorobenzene	12.853	95	84113	48.705	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.400%	
Target Compounds						
						Qvalue
8) Diethyl Ether	3.965	74	4039	4.564	ug/l	97
16) Acetone	4.442	43	76175	103.214	ug/l	98
20) Methylene Chloride	5.289	84	20315	12.618	ug/l	94
37) Ethyl Acetate	7.571	43	22903	11.228	ug/l	99
43) Isopropyl Acetate	8.694	43	103536	31.621	ug/l #	92

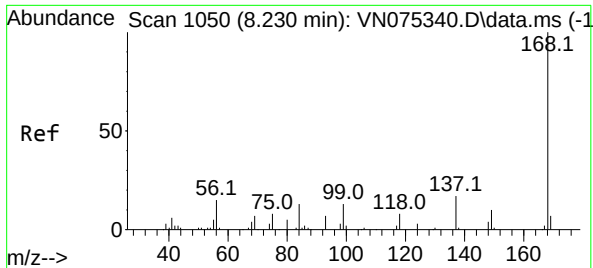
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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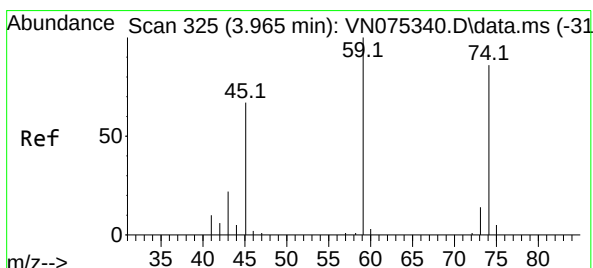
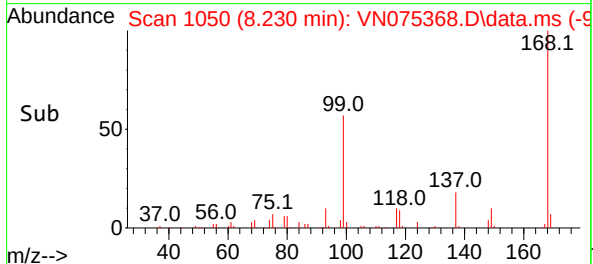
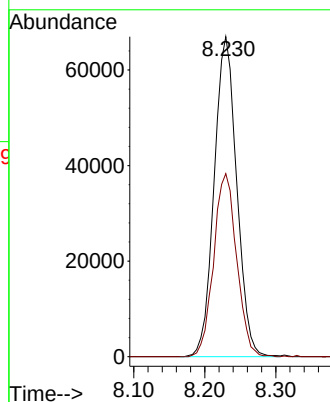
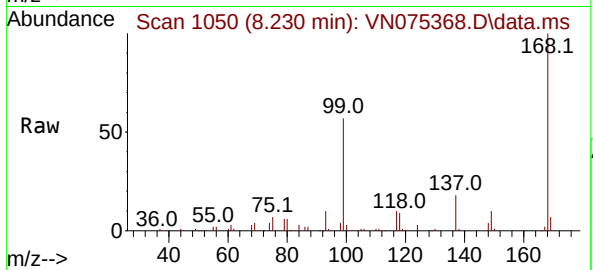




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075368.D
Acq: 22 Nov 2022 15:20

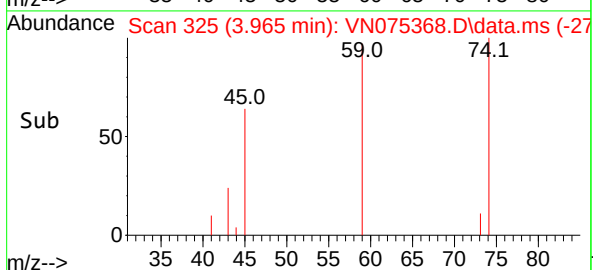
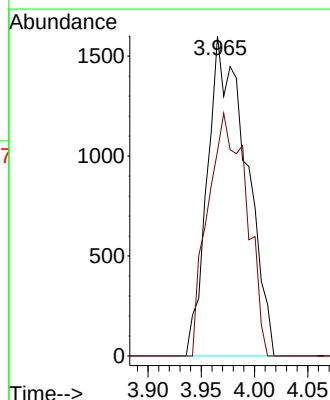
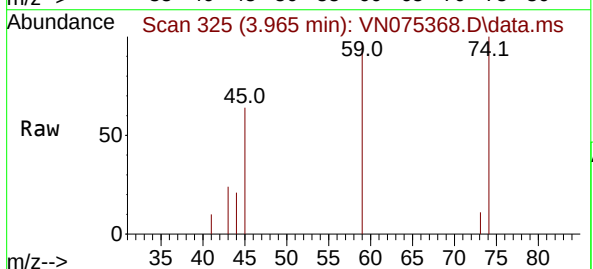
Instrument :
MSVOA_N
ClientSampleId :
PB149226TB

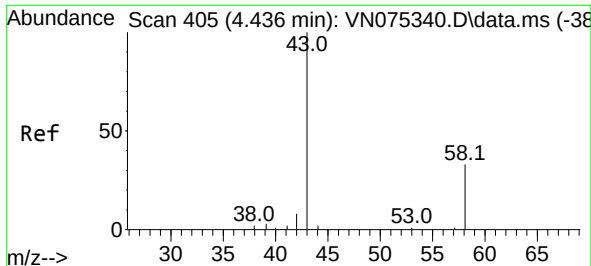
Tgt Ion:168 Resp: 147402
Ion Ratio Lower Upper
168 100
99 57.2 51.6 77.4



#8
Diethyl Ether
Concen: 4.564 ug/l
RT: 3.965 min Scan# 325
Delta R.T. 0.000 min
Lab File: VN075368.D
Acq: 22 Nov 2022 15:20

Tgt Ion: 74 Resp: 4039
Ion Ratio Lower Upper
74 100
45 75.8 39.3 117.9





#16

Acetone

Concen: 103.214 ug/l

RT: 4.442 min Scan# 405

Delta R.T. 0.006 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

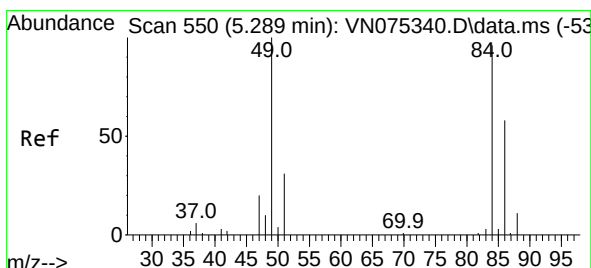
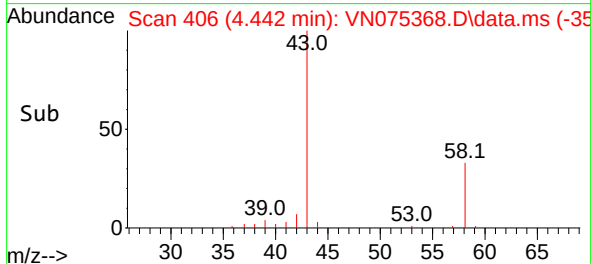
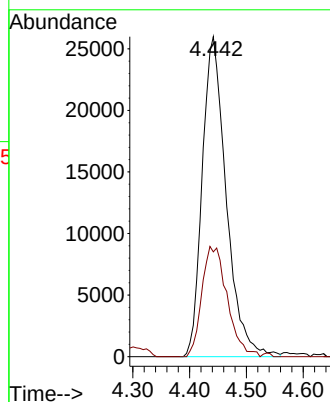
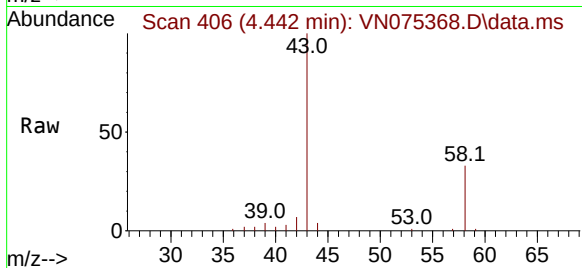
PB149226TB

Tgt Ion: 43 Resp: 76175

Ion Ratio Lower Upper

43 100

58 32.8 25.5 38.3



#20

Methylene Chloride

Concen: 12.618 ug/l

RT: 5.289 min Scan# 550

Delta R.T. -0.000 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

Tgt Ion: 84 Resp: 20315

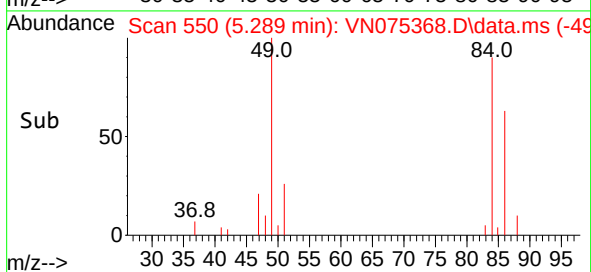
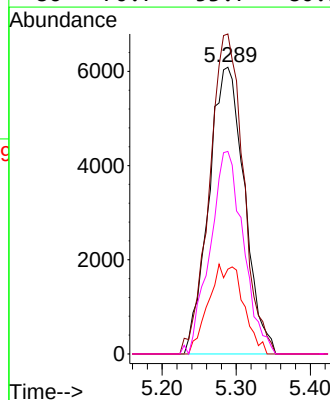
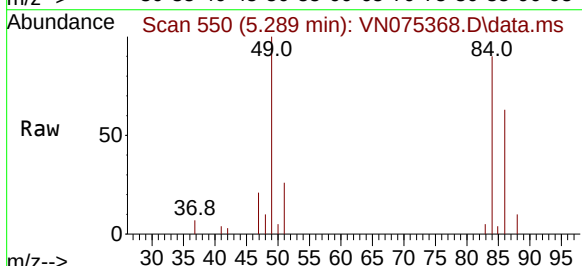
Ion Ratio Lower Upper

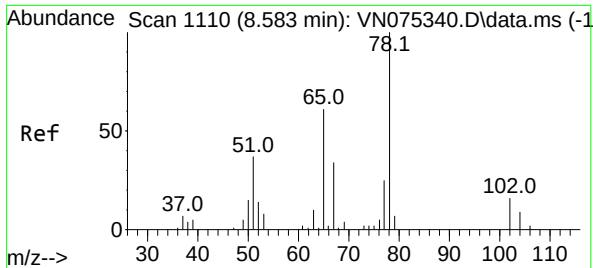
84 100

49 111.6 94.9 142.3

51 29.6 26.8 40.2

86 70.7 53.7 80.5

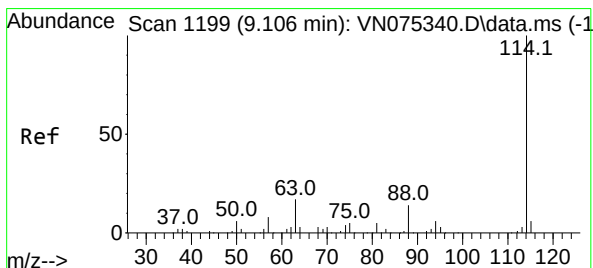
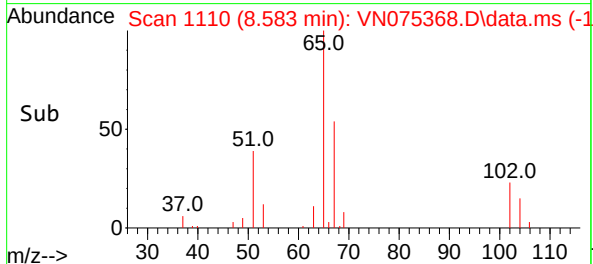
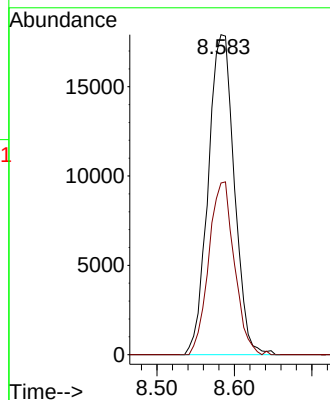
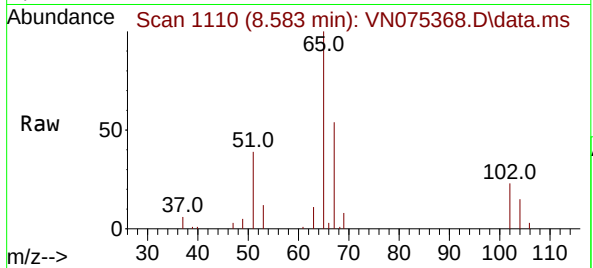




#33
 1,2-Dichloroethane-d4
 Concen: 52.984 ug/l
 RT: 8.583 min Scan# 1110
 Delta R.T. -0.000 min
 Lab File: VN075368.D
 Acq: 22 Nov 2022 15:20

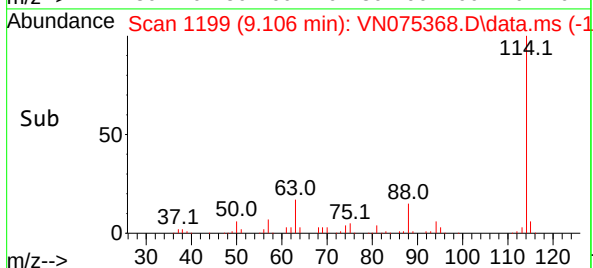
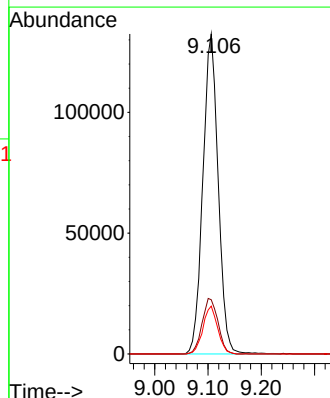
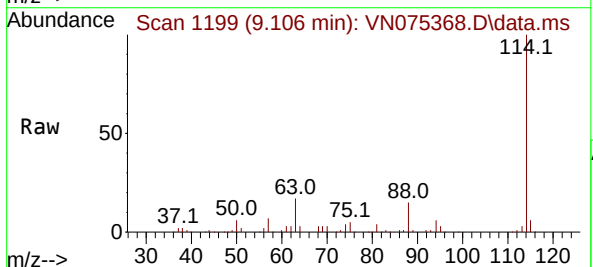
Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226TB

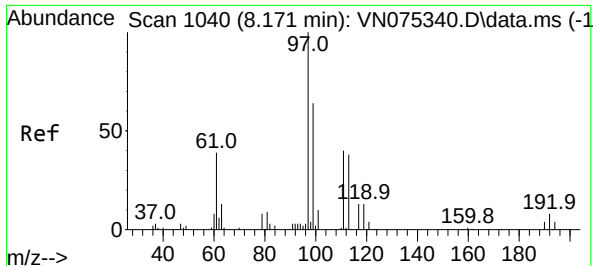
Tgt Ion: 65 Resp: 41923
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1199
 Delta R.T. 0.000 min
 Lab File: VN075368.D
 Acq: 22 Nov 2022 15:20

Tgt Ion: 114 Resp: 264448
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 39.6
 88 15.0 0.0 29.0





#35

Dibromofluoromethane

Concen: 48.941 ug/l

RT: 8.171 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB149226TB

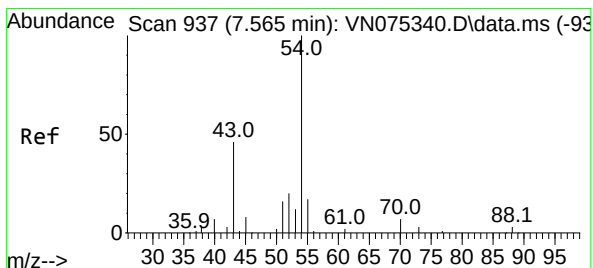
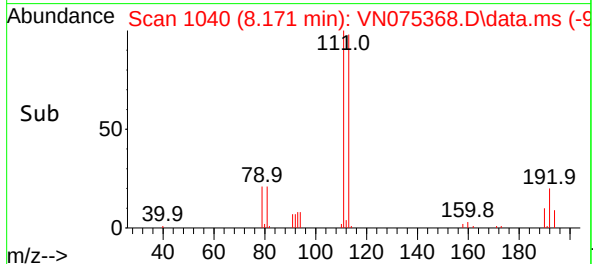
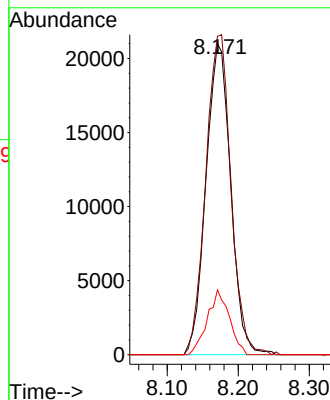
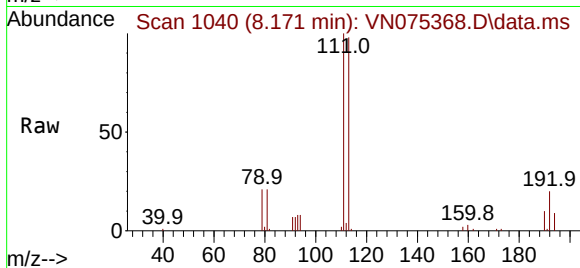
Tgt Ion:113 Resp: 50842

Ion Ratio Lower Upper

113 100

111 104.3 80.5 120.7

192 18.5 13.2 19.8



#37

Ethyl Acetate

Concen: 11.228 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

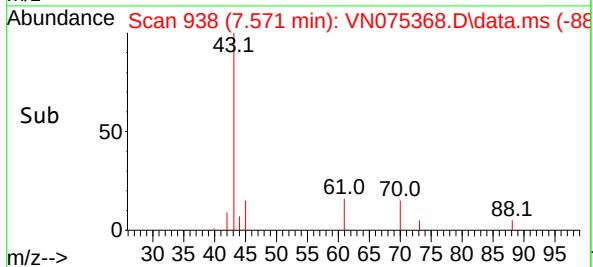
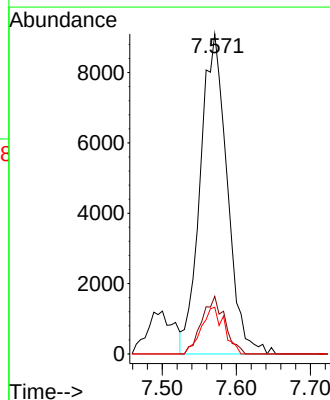
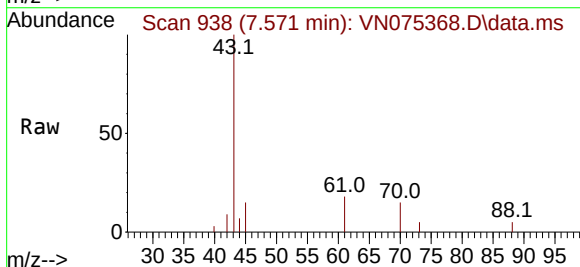
Tgt Ion: 43 Resp: 22903

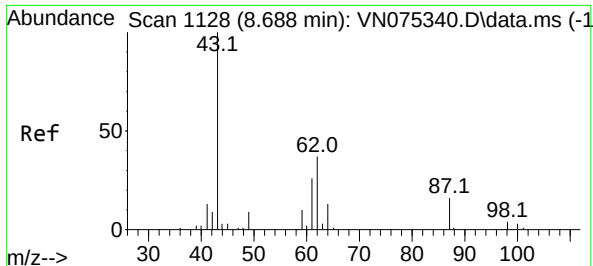
Ion Ratio Lower Upper

43 100

61 15.4 12.2 18.4

70 12.5 9.4 14.2





#43

Isopropyl Acetate

Concen: 31.621 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB149226TB

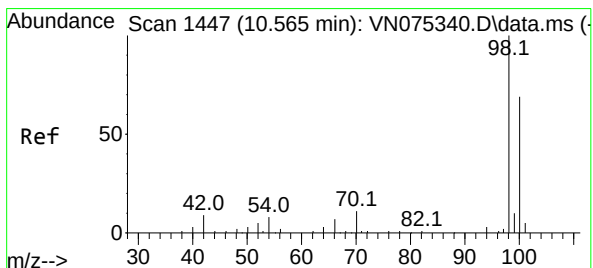
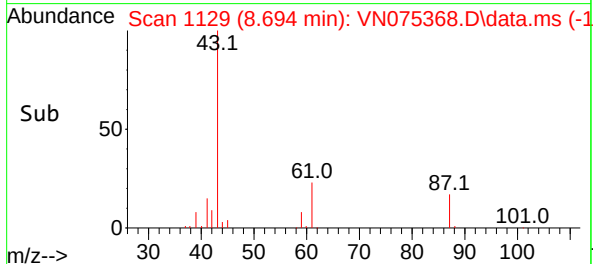
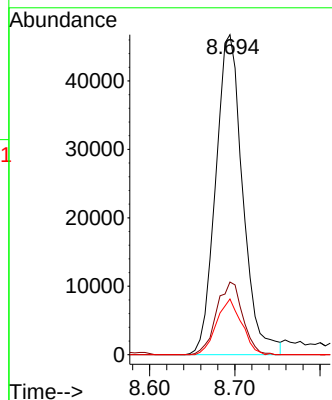
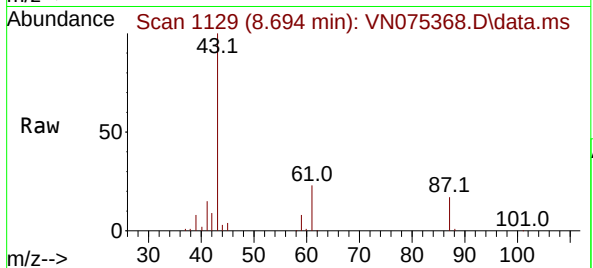
Tgt Ion: 43 Resp: 103536

Ion Ratio Lower Upper

43 100

61 22.0 22.4 33.6#

87 16.1 12.5 18.7



#50

Toluene-d8

Concen: 51.218 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075368.D

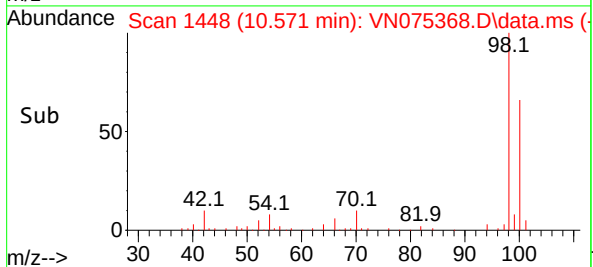
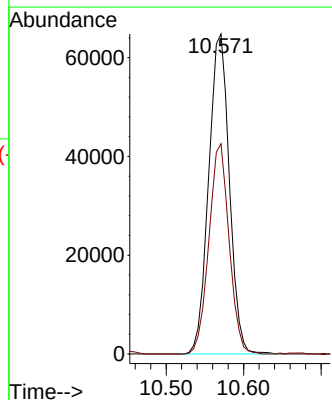
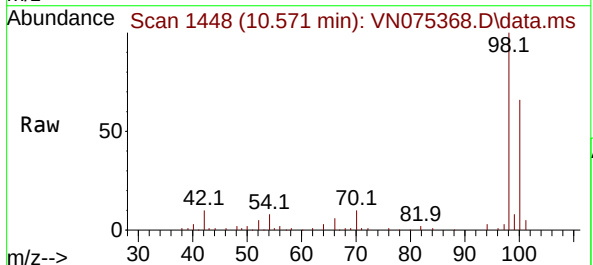
Acq: 22 Nov 2022 15:20

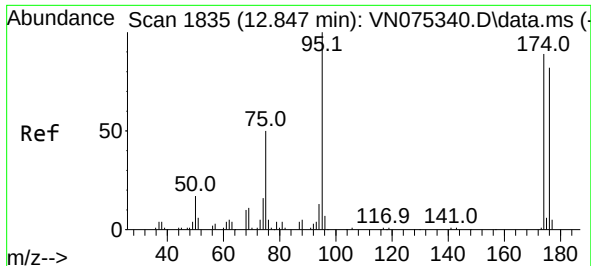
Tgt Ion: 98 Resp: 119837

Ion Ratio Lower Upper

98 100

100 64.3 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 48.705 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB149226TB

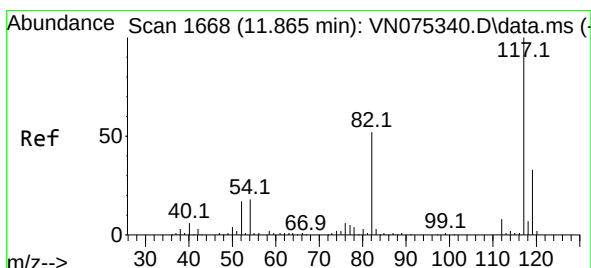
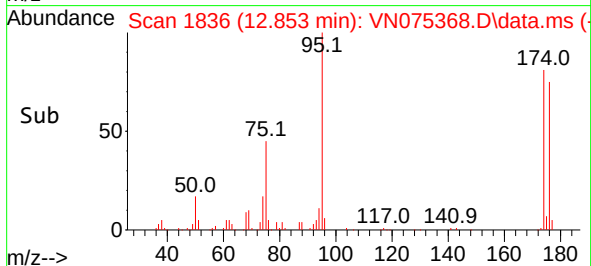
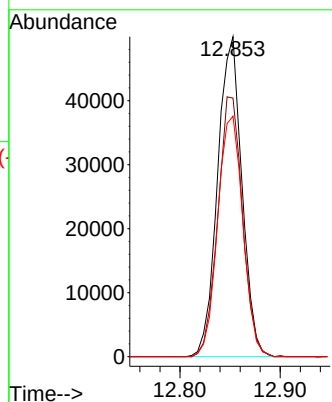
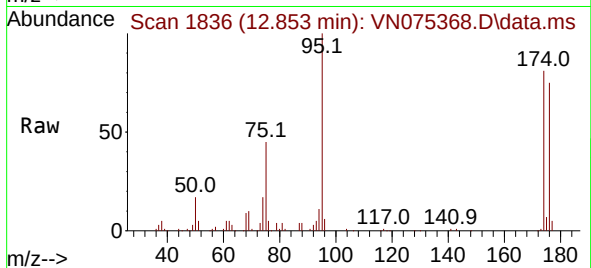
Tgt Ion: 95 Resp: 84113

Ion Ratio Lower Upper

95 100

174 82.5 0.0 147.4

176 77.9 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN075368.D

Acq: 22 Nov 2022 15:20

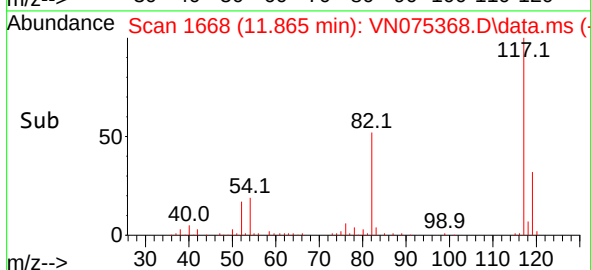
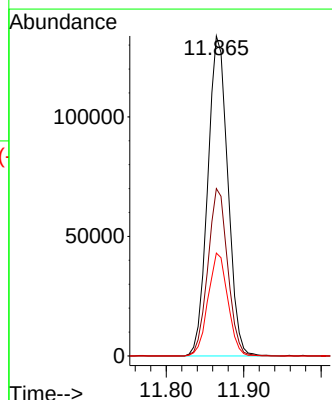
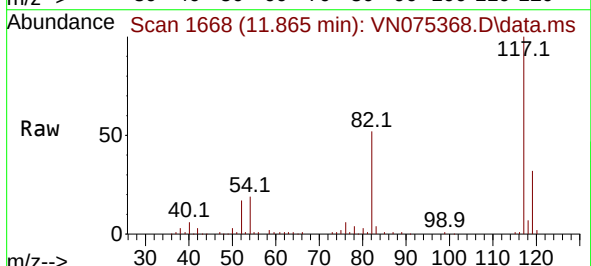
Tgt Ion: 117 Resp: 240320

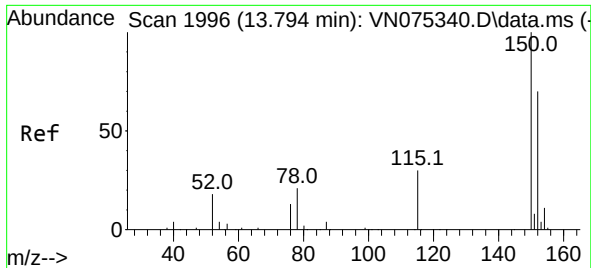
Ion Ratio Lower Upper

117 100

82 52.3 43.1 64.7

119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN075368.D

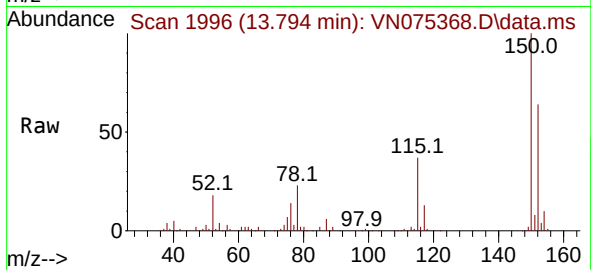
Acq: 22 Nov 2022 15:20

Instrument :

MSVOA_N

ClientSampleId :

PB149226TB



Tgt Ion:152 Resp: 103080

Ion Ratio Lower Upper

152 100

115 59.2 30.2 90.6

150 158.1 0.0 348.4

