

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075401.D
 Acq On : 23 Nov 2022 17:11
 Operator : JC\MD
 Sample : PB149245ZHE#04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149245ZHE#04

Quant Time: Nov 24 06:52:58 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)

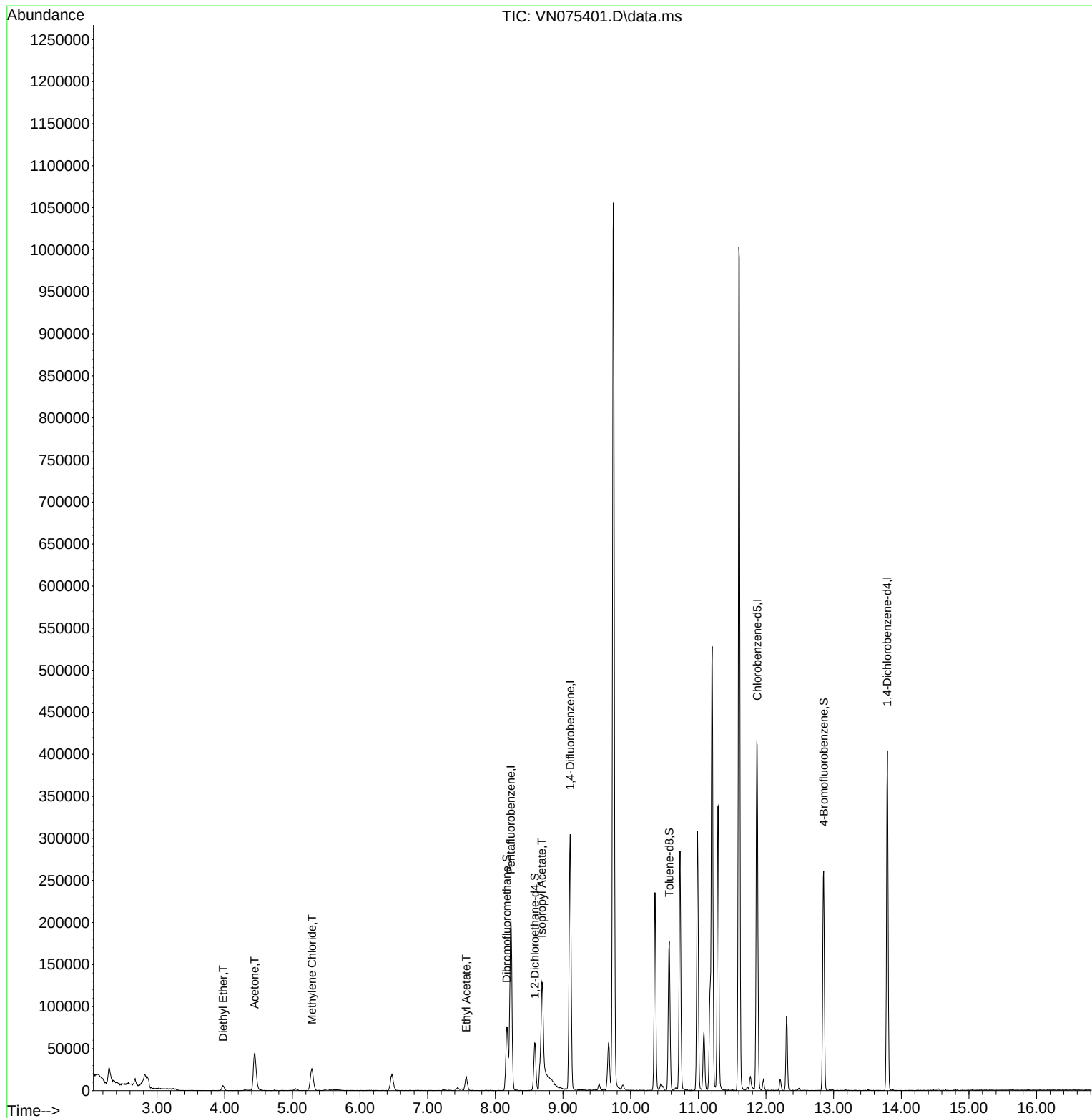
Internal Standards						
1) Pentafluorobenzene	8.230	168	159232	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	284442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	262482	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	46024	53.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.700%	
35) Dibromofluoromethane	8.171	113	56247	50.338	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.680%	
50) Toluene-d8	10.571	98	127543	50.680	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.360%	
62) 4-Bromofluorobenzene	12.853	95	92693	49.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.800%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	3808	3.983	ug/l	96
16) Acetone	4.442	43	85487	107.226	ug/l	96
20) Methylene Chloride	5.289	84	22508	12.975	ug/l	93
37) Ethyl Acetate	7.571	43	22948	10.459	ug/l	99
43) Isopropyl Acetate	8.688	43	187933	53.362	ug/l #	77

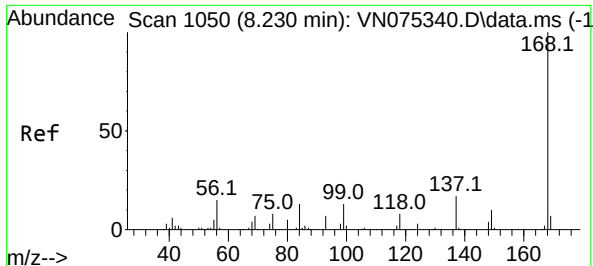
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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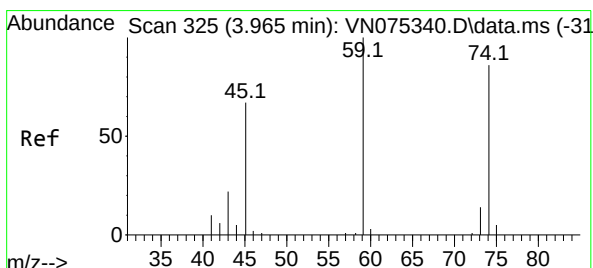
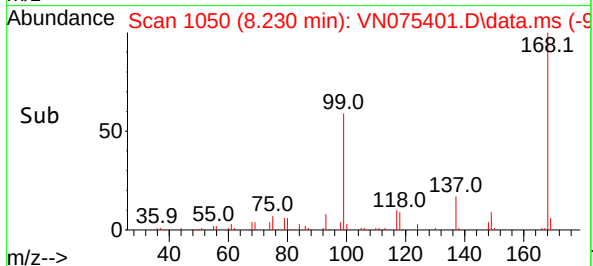
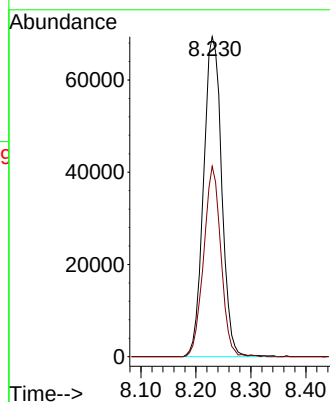
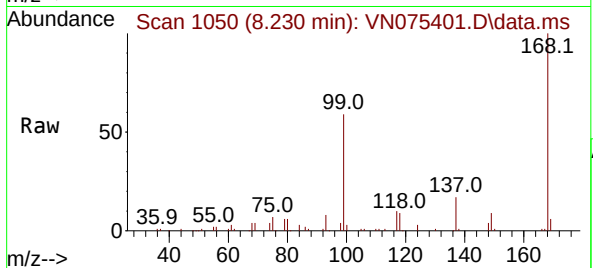




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075401.D
Acq: 23 Nov 2022 17:11

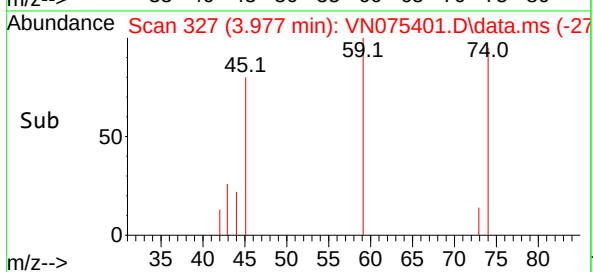
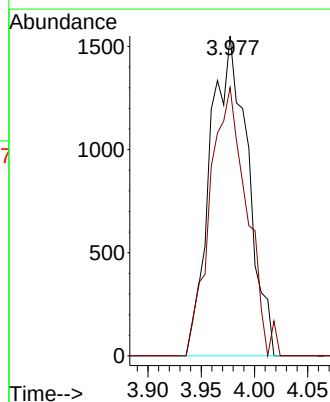
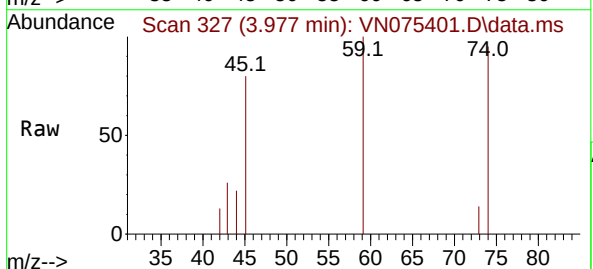
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#04

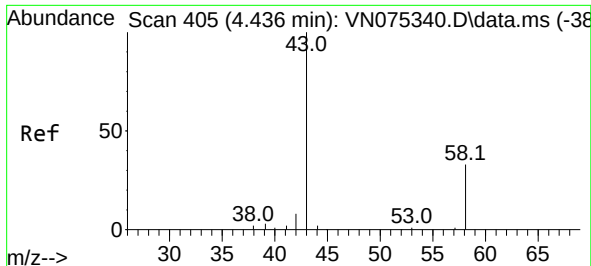
Tgt Ion:168 Resp: 159232
Ion Ratio Lower Upper
168 100
99 59.5 51.6 77.4



#8
Diethyl Ether
Concen: 3.983 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075401.D
Acq: 23 Nov 2022 17:11

Tgt Ion: 74 Resp: 3808
Ion Ratio Lower Upper
74 100
45 82.2 39.3 117.9

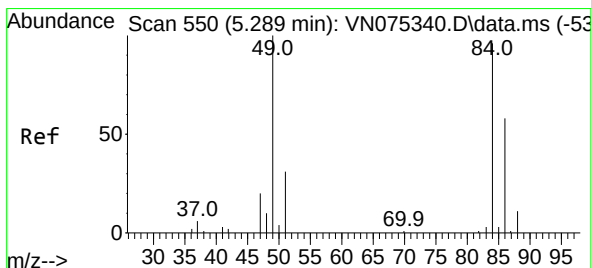
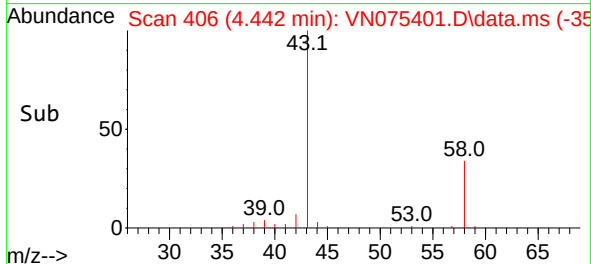
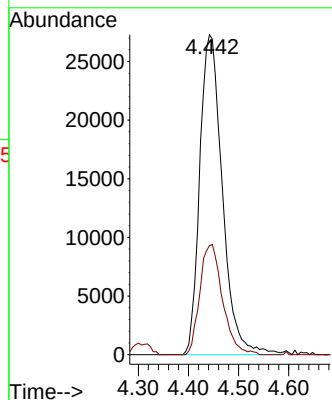
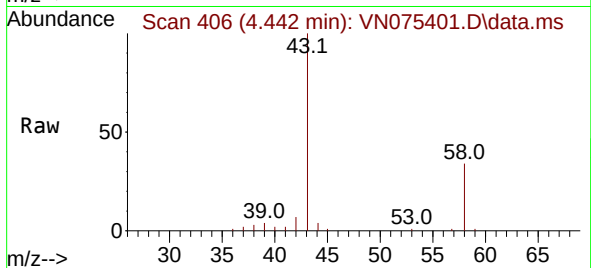




#16
Acetone
Concen: 107.226 ug/l
RT: 4.442 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN075401.D
Acq: 23 Nov 2022 17:11

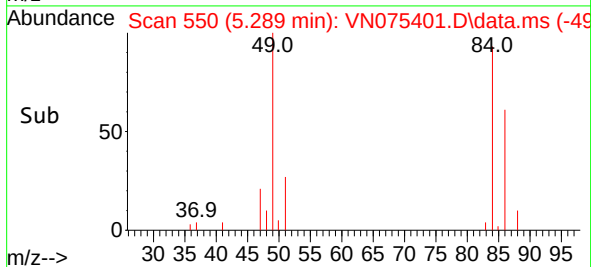
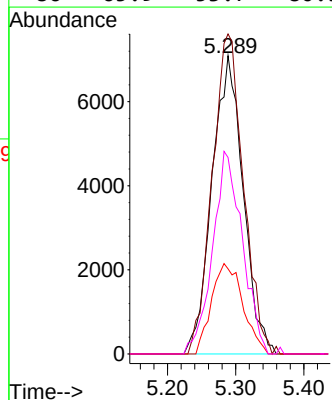
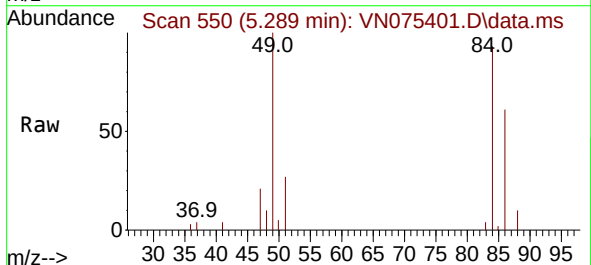
Instrument :
MSVOA_N
ClientSampleId :
PB149245ZHE#04

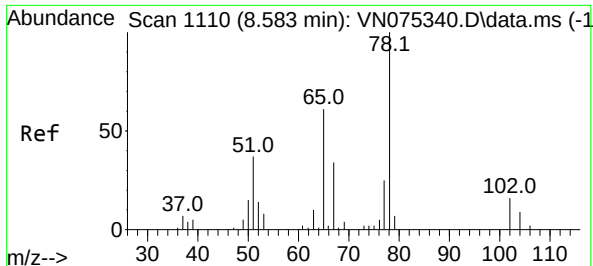
Tgt Ion: 43 Resp: 85487
Ion Ratio Lower Upper
43 100
58 34.1 25.5 38.3



#20
Methylene Chloride
Concen: 12.975 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075401.D
Acq: 23 Nov 2022 17:11

Tgt Ion: 84 Resp: 22508
Ion Ratio Lower Upper
84 100
49 107.3 94.9 142.3
51 28.6 26.8 40.2
86 65.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 53.846 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075401.D

Acq: 23 Nov 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

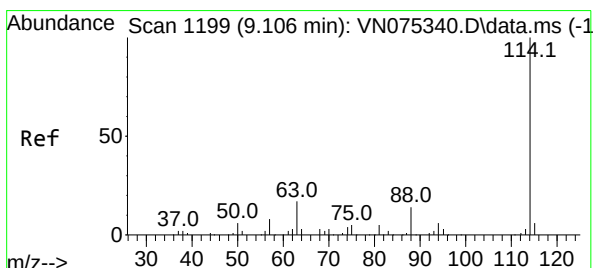
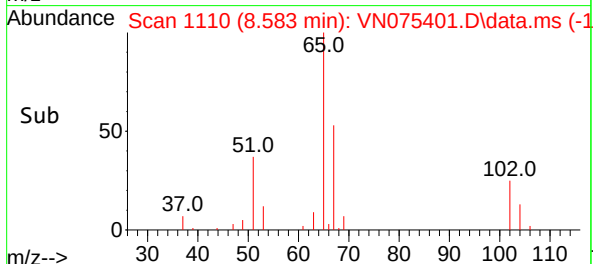
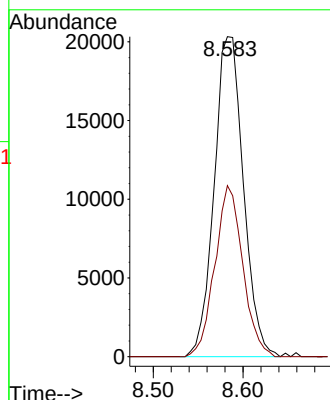
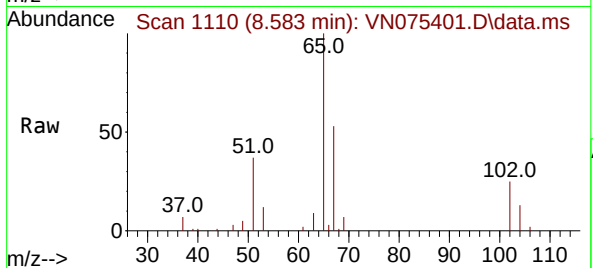
PB149245ZHE#04

Tgt Ion: 65 Resp: 46024

Ion Ratio Lower Upper

65 100

67 51.0 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: VN075401.D

Acq: 23 Nov 2022 17:11

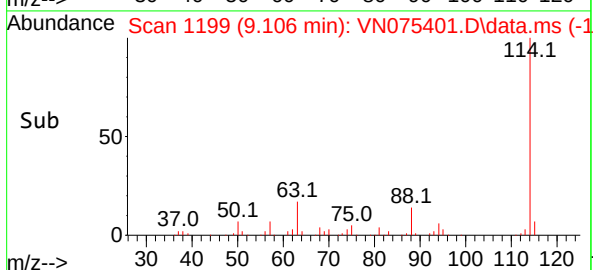
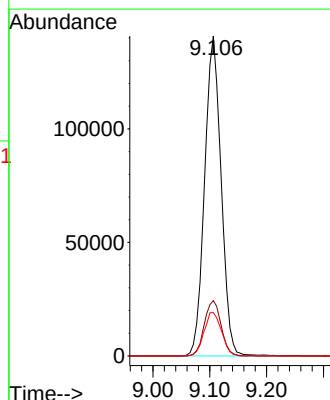
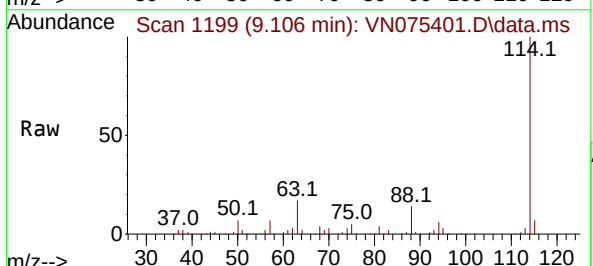
Tgt Ion: 114 Resp: 284442

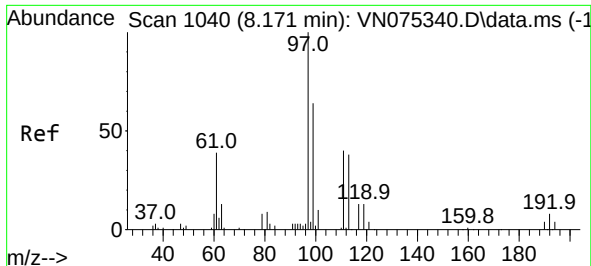
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 13.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.338 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075401.D

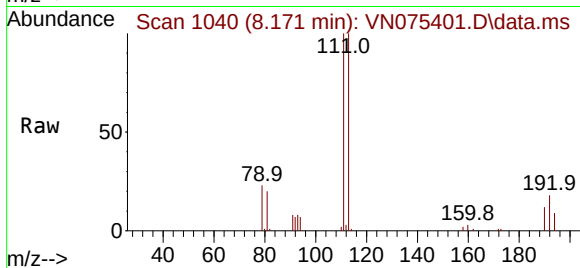
Acq: 23 Nov 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#04



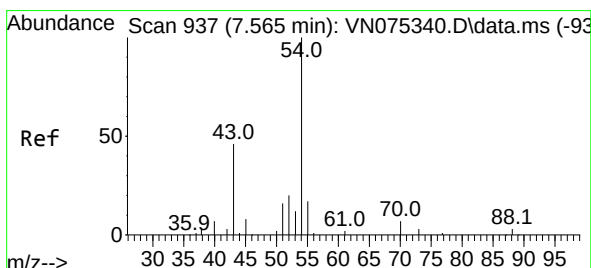
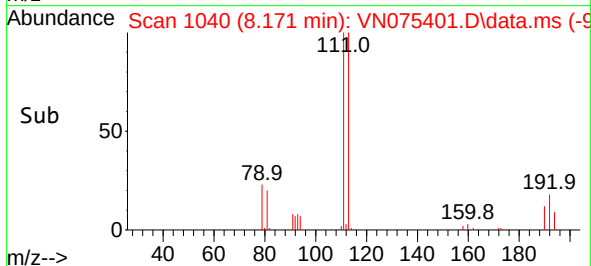
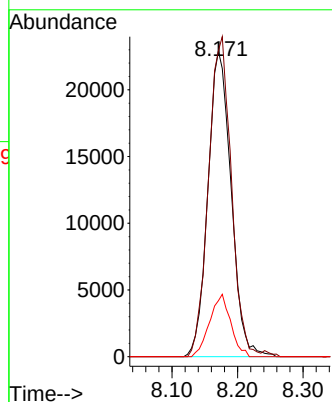
Tgt Ion:113 Resp: 56247

Ion Ratio Lower Upper

113 100

111 102.7 80.5 120.7

192 18.5 13.2 19.8



#37

Ethyl Acetate

Concen: 10.459 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075401.D

Acq: 23 Nov 2022 17:11

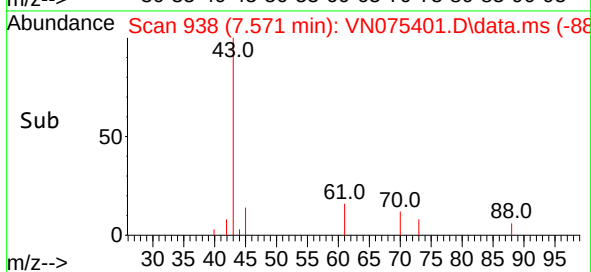
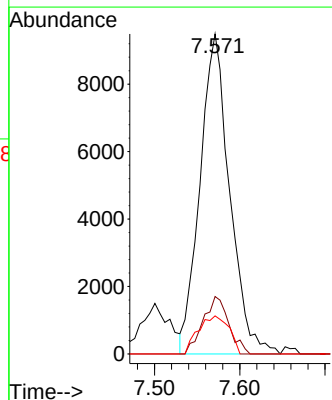
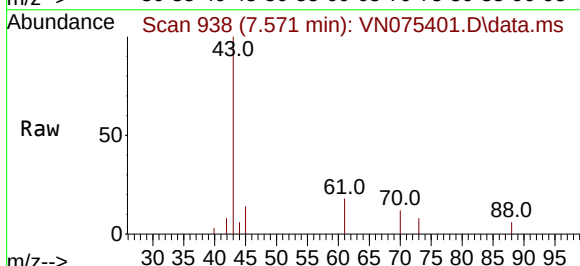
Tgt Ion: 43 Resp: 22948

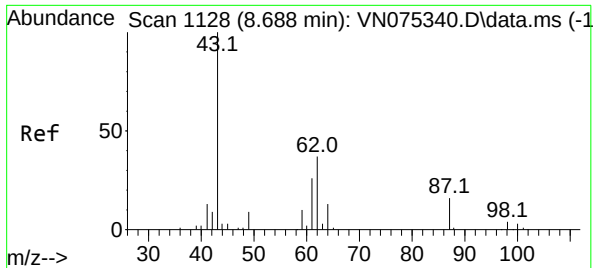
Ion Ratio Lower Upper

43 100

61 15.5 12.2 18.4

70 12.3 9.4 14.2

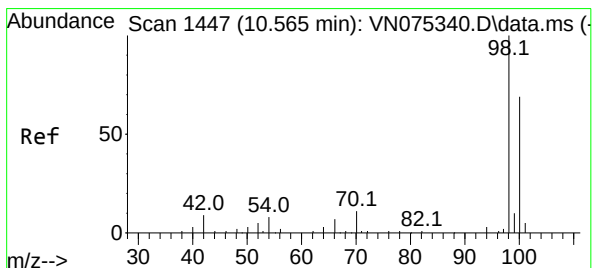
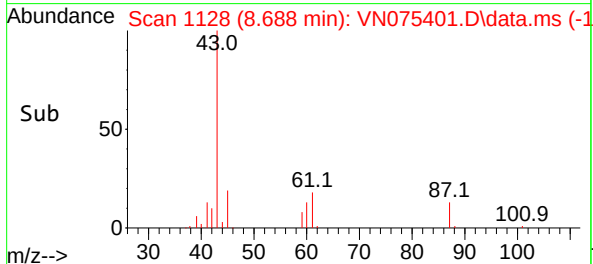
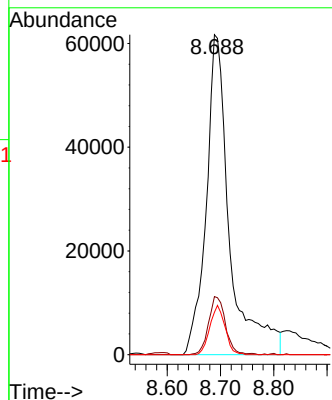
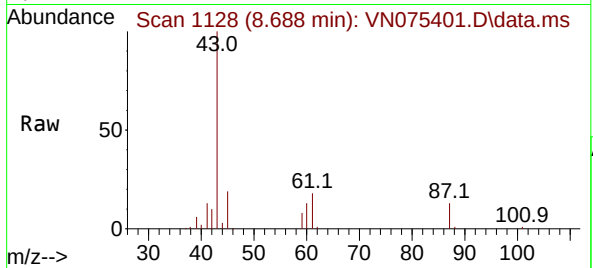




#43
Isopropyl Acetate
Concen: 53.362 ug/l
RT: 8.688 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN075401.D
Acq: 23 Nov 2022 17:11

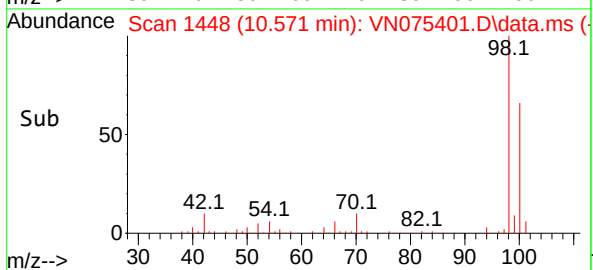
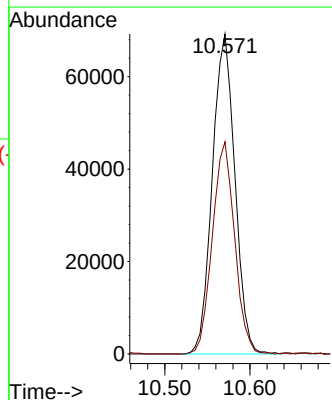
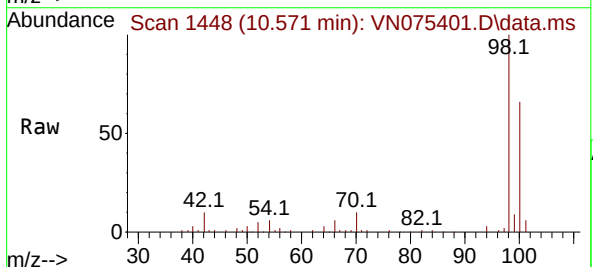
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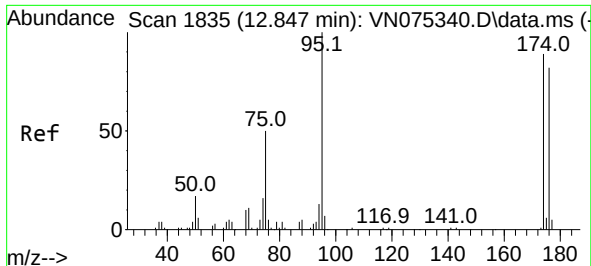
Tgt Ion: 43 Resp: 187933
Ion Ratio Lower Upper
43 100
61 13.2 22.4 33.6#
87 10.0 12.5 18.7#



#50
Toluene-d8
Concen: 50.680 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075401.D
Acq: 23 Nov 2022 17:11

Tgt Ion: 98 Resp: 127543
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 49.900 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075401.D

Acq: 23 Nov 2022 17:11

Instrument :

MSVOA_N

ClientSampleId :

PB149245ZHE#04

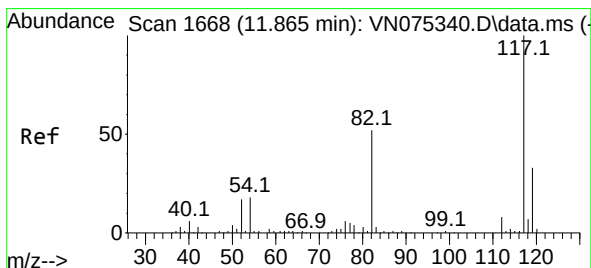
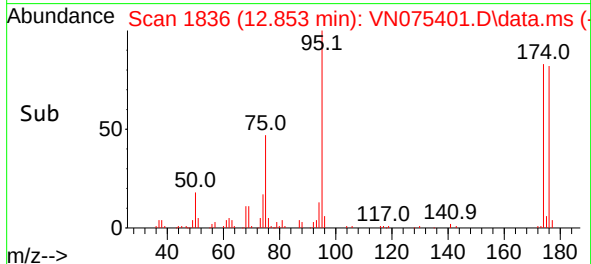
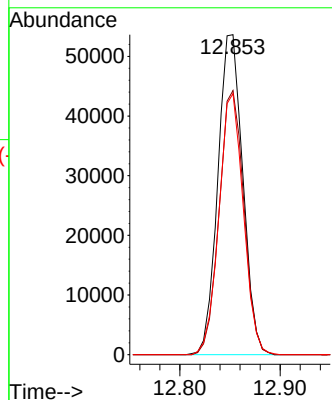
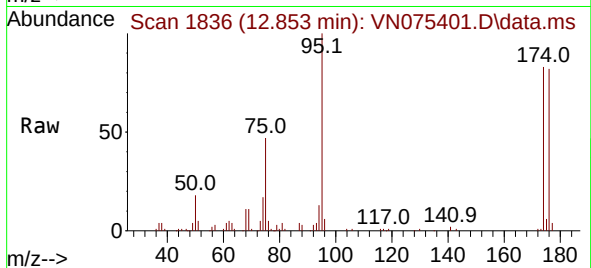
Tgt Ion: 95 Resp: 92693

Ion Ratio Lower Upper

95 100

174 81.6 0.0 147.4

176 79.7 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN075401.D

Acq: 23 Nov 2022 17:11

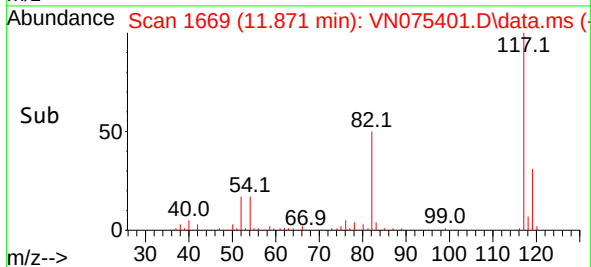
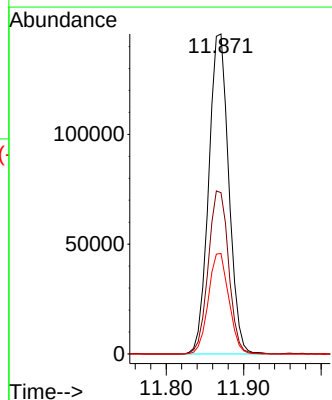
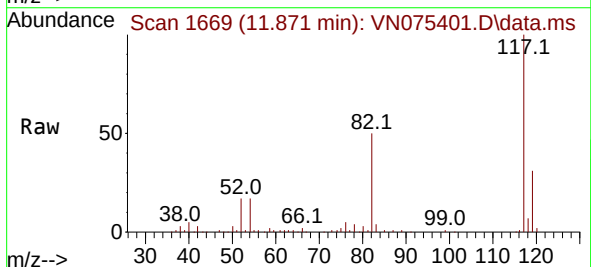
Tgt Ion: 117 Resp: 262482

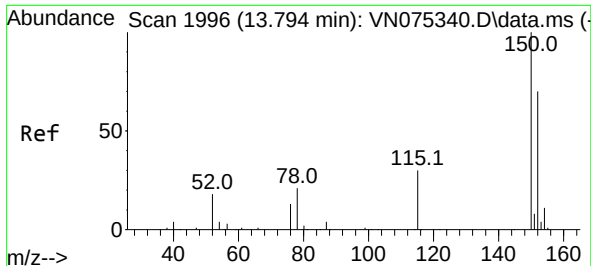
Ion Ratio Lower Upper

117 100

82 50.4 43.1 64.7

119 31.4 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: VN075401.D

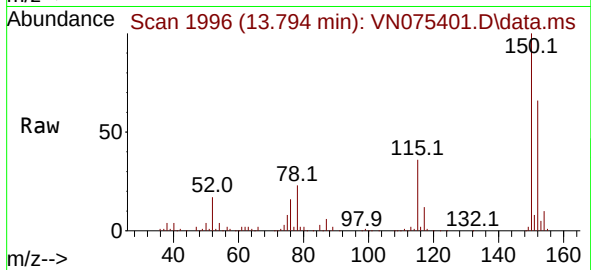
Acq: 23 Nov 2022 17:11

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PB149245ZHE#04



Tgt Ion:152 Resp: 114081

Ion Ratio Lower Upper

152 100

115 57.4 30.2 90.6

150 157.6 0.0 348.4

