

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075370.D
 Acq On : 22 Nov 2022 16:08
 Operator : JC\MD
 Sample : PB149226ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB149226ZHE#02

Quant Time: Nov 23 07:11:00 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)

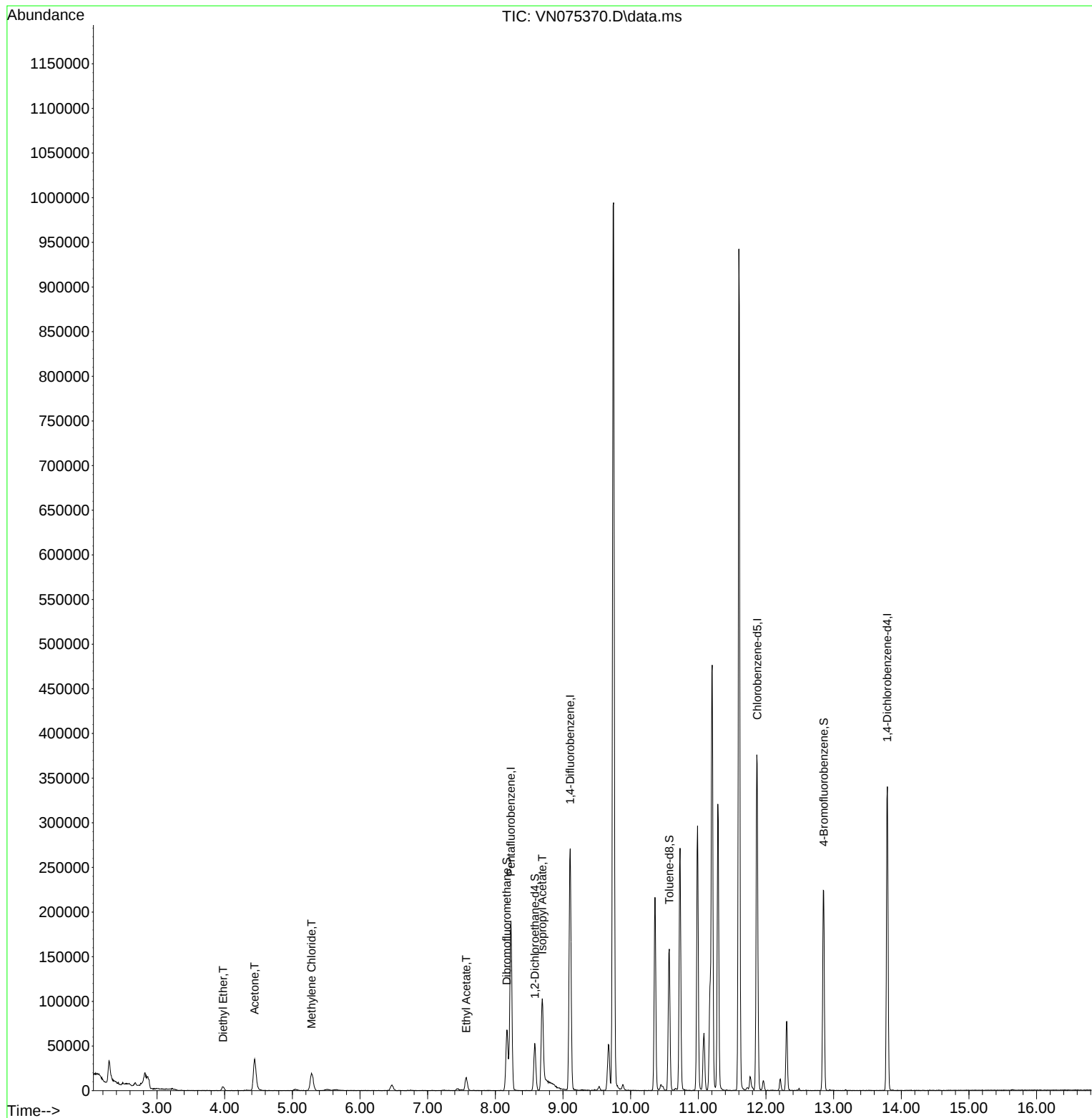
Internal Standards						
1) Pentafluorobenzene	8.229	168	142434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	249802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	232357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	97392	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	41692	54.530	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.060%	
35) Dibromofluoromethane	8.171	113	49463	50.405	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.820%	
50) Toluene-d8	10.571	98	112149	50.742	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.480%	
62) 4-Bromofluorobenzene	12.853	95	80360	49.260	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.520%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	3122	3.651	ug/l	100
16) Acetone	4.441	43	65273	91.527	ug/l	100
20) Methylene Chloride	5.283	84	16710	10.546	ug/l	95
37) Ethyl Acetate	7.571	43	21329	11.069	ug/l	99
43) Isopropyl Acetate	8.694	43	125625	40.617	ug/l #	86

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

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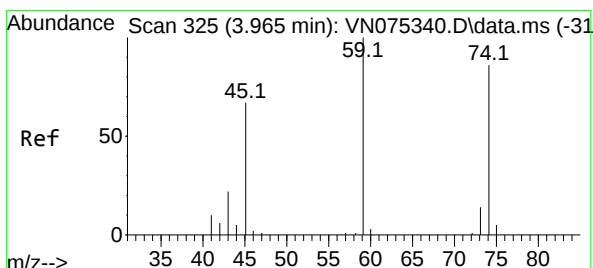
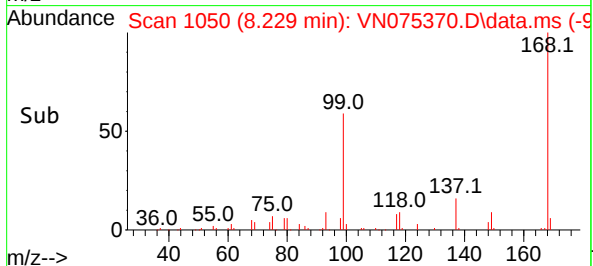
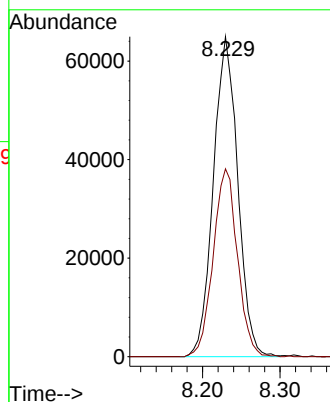
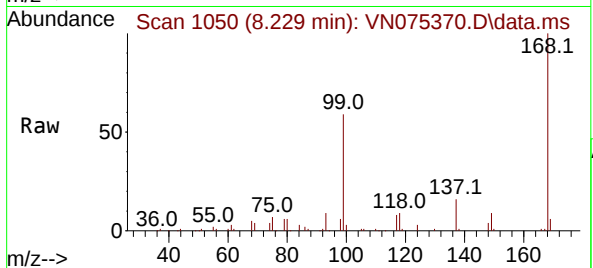




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN075370.D
Acq: 22 Nov 2022 16:08

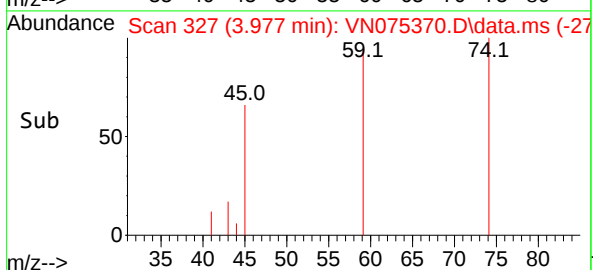
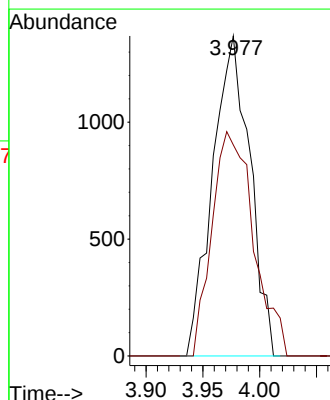
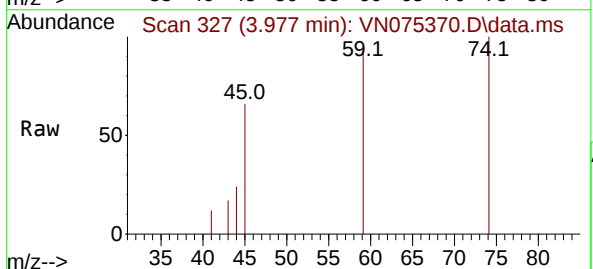
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#02

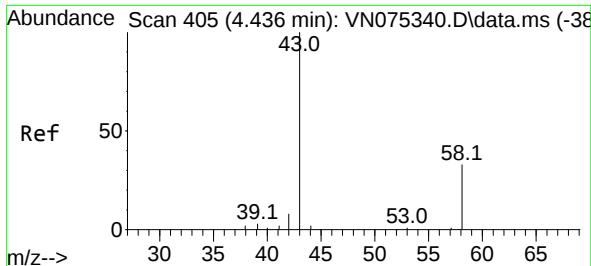
Tgt Ion:168 Resp: 142434
Ion Ratio Lower Upper
168 100
99 58.7 51.6 77.4



#8
Diethyl Ether
Concen: 3.651 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075370.D
Acq: 22 Nov 2022 16:08

Tgt Ion: 74 Resp: 3122
Ion Ratio Lower Upper
74 100
45 78.2 39.3 117.9

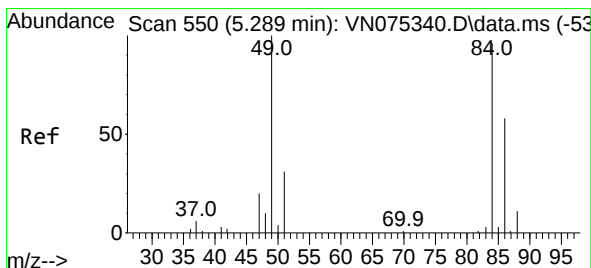
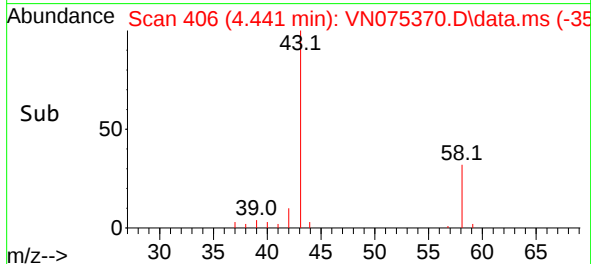
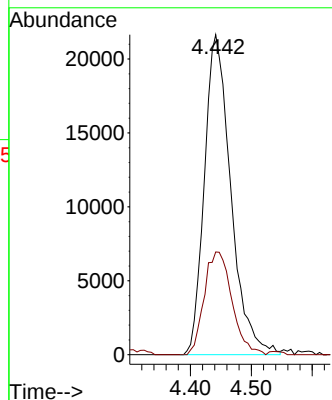
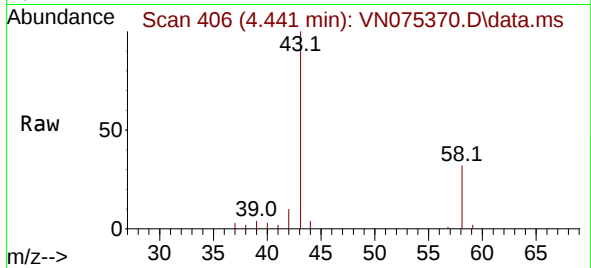




#16
Acetone
Concen: 91.527 ug/l
RT: 4.441 min Scan# 405
Delta R.T. 0.005 min
Lab File: VN075370.D
Acq: 22 Nov 2022 16:08

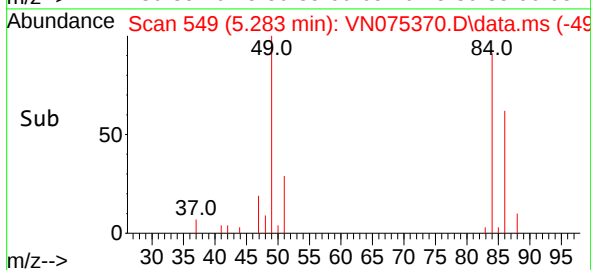
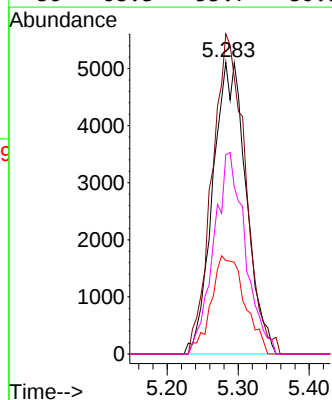
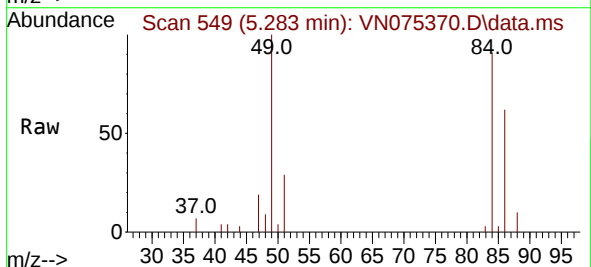
Instrument :
MSVOA_N
ClientSampleId :
PB149226ZHE#02

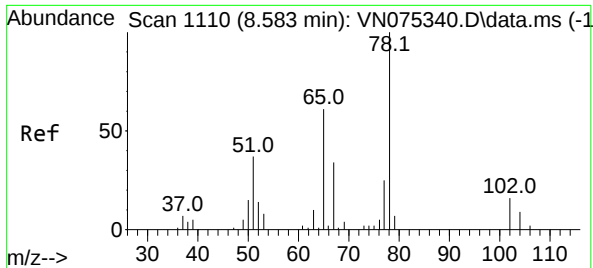
Tgt Ion: 43 Resp: 65273
Ion Ratio Lower Upper
43 100
58 32.1 25.5 38.3



#20
Methylene Chloride
Concen: 10.546 ug/l
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN075370.D
Acq: 22 Nov 2022 16:08

Tgt Ion: 84 Resp: 16710
Ion Ratio Lower Upper
84 100
49 109.7 94.9 142.3
51 32.0 26.8 40.2
86 68.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 54.530 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075370.D

Acq: 22 Nov 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

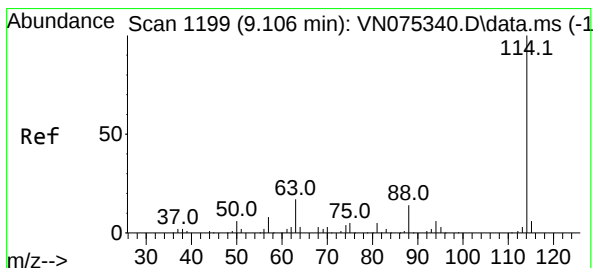
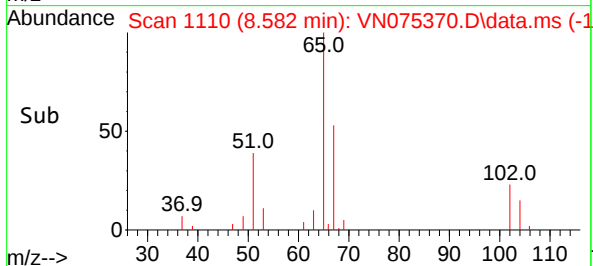
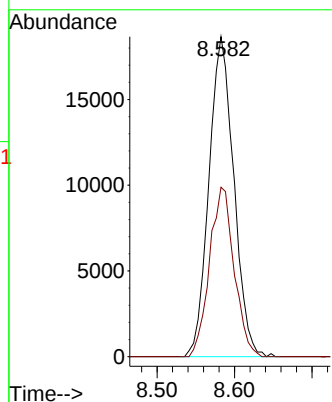
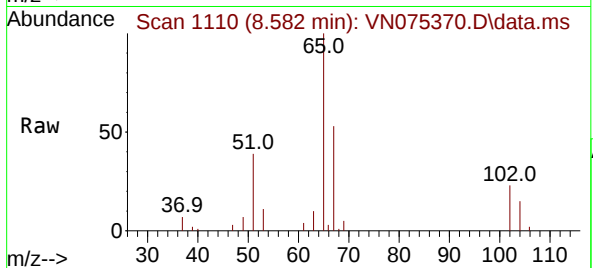
PB149226ZHE#02

Tgt Ion: 65 Resp: 41692

Ion Ratio Lower Upper

65 100

67 52.3 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: VN075370.D

Acq: 22 Nov 2022 16:08

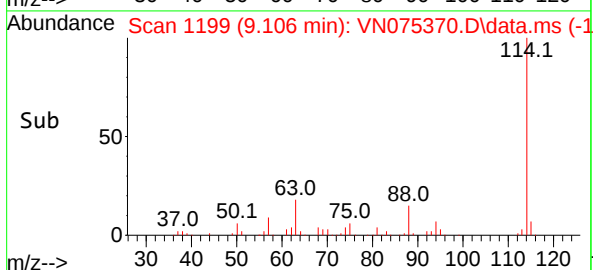
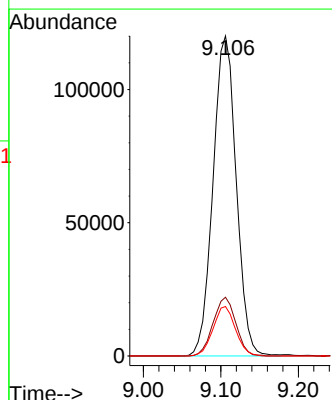
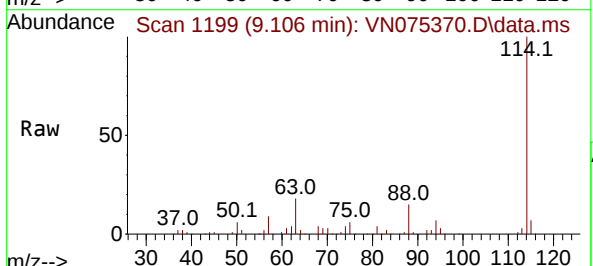
Tgt Ion: 114 Resp: 249802

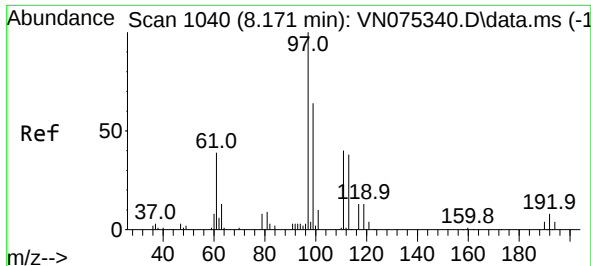
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.5 0.0 29.0





#35

Dibromofluoromethane

Concen: 50.405 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075370.D

Acq: 22 Nov 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

PB149226ZHE#02

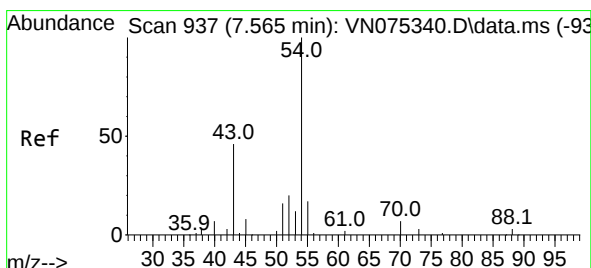
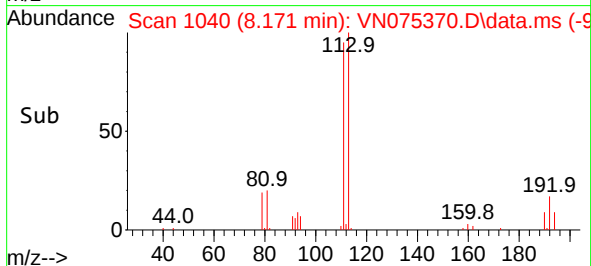
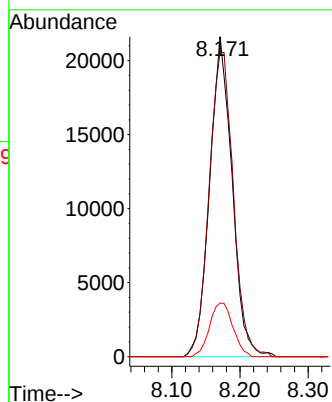
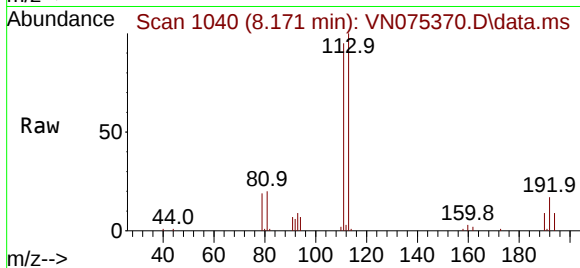
Tgt Ion:113 Resp: 49463

Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

192 17.5 13.2 19.8



#37

Ethyl Acetate

Concen: 11.069 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075370.D

Acq: 22 Nov 2022 16:08

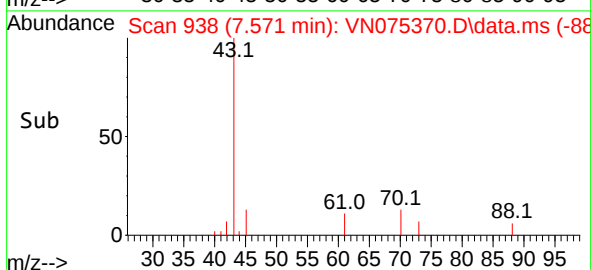
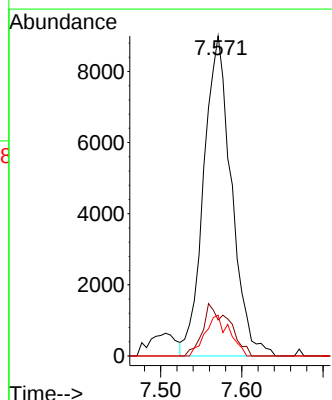
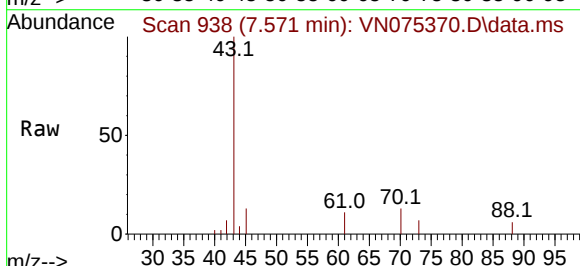
Tgt Ion: 43 Resp: 21329

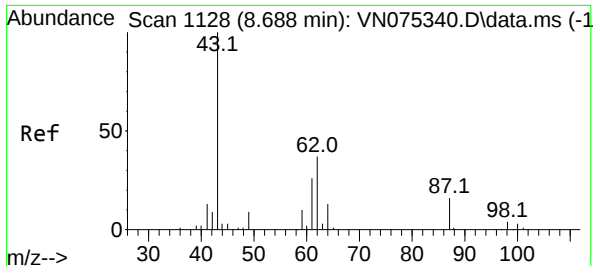
Ion Ratio Lower Upper

43 100

61 15.6 12.2 18.4

70 11.2 9.4 14.2

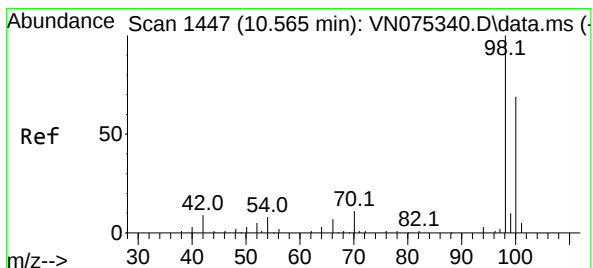
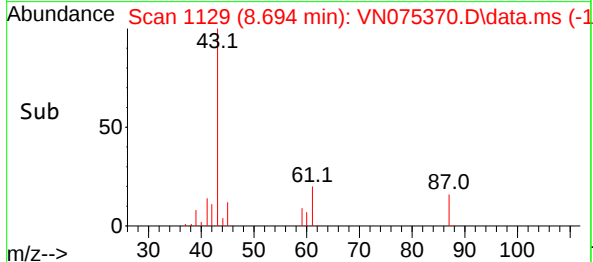
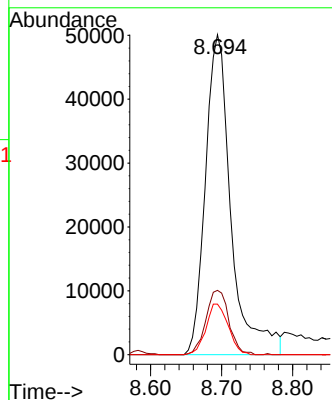
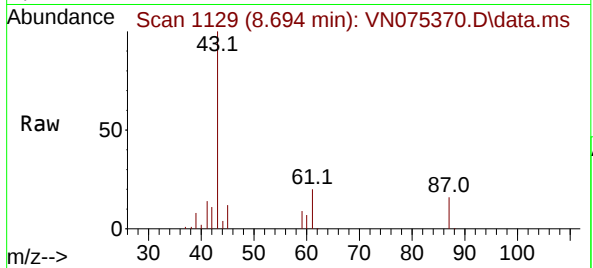




#43
Isopropyl Acetate
Concen: 40.617 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VN075370.D
Acq: 22 Nov 2022 16:08

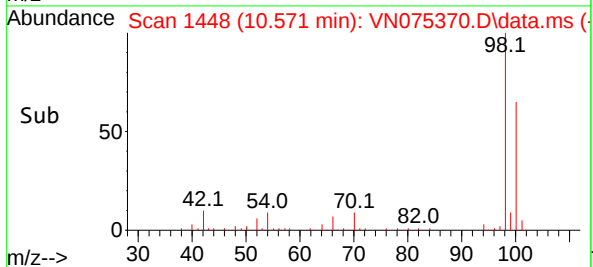
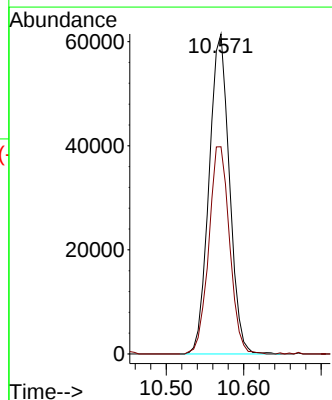
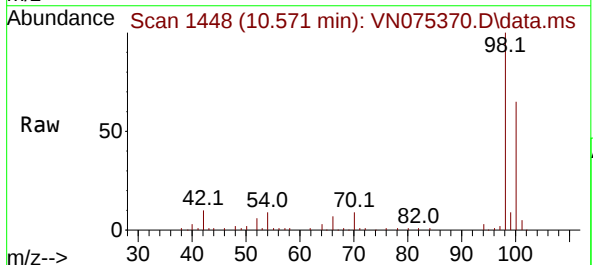
Instrument :
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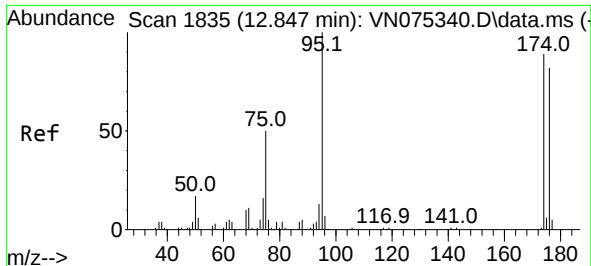
Tgt Ion: 43 Resp: 125625
Ion Ratio Lower Upper
43 100
61 18.0 22.4 33.6#
87 13.7 12.5 18.7



#50
Toluene-d8
Concen: 50.742 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075370.D
Acq: 22 Nov 2022 16:08

Tgt Ion: 98 Resp: 112149
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.6





#62

4-Bromofluorobenzene

Concen: 49.260 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075370.D

Acq: 22 Nov 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

PB149226ZHE#02

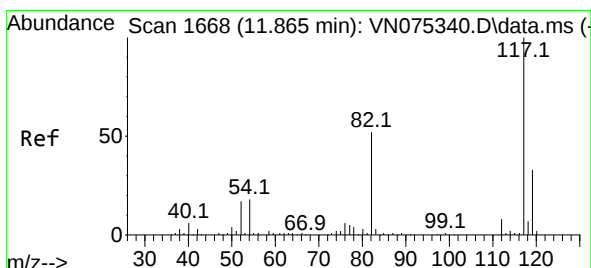
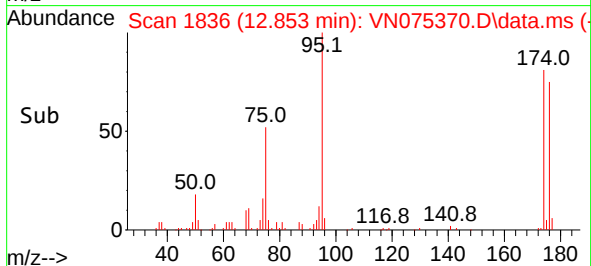
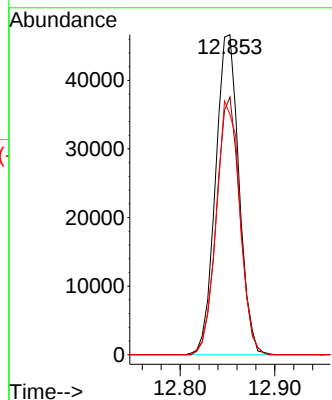
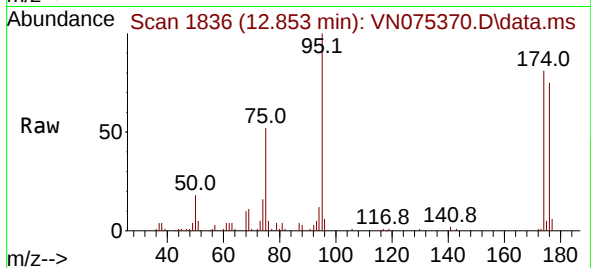
Tgt Ion: 95 Resp: 80360

Ion Ratio Lower Upper

95 100

174 80.3 0.0 147.4

176 80.0 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1669

Delta R.T. 0.005 min

Lab File: VN075370.D

Acq: 22 Nov 2022 16:08

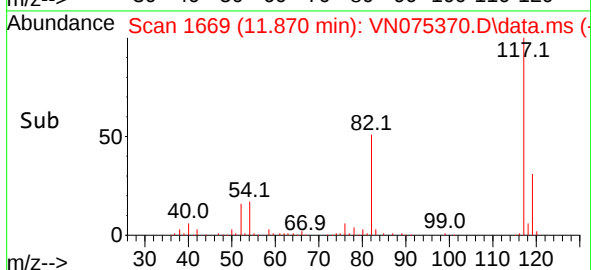
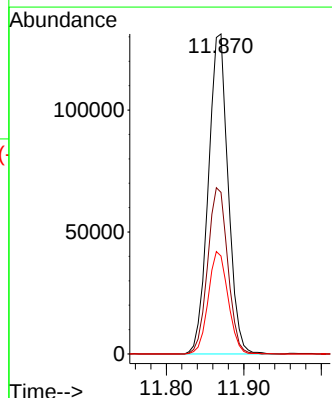
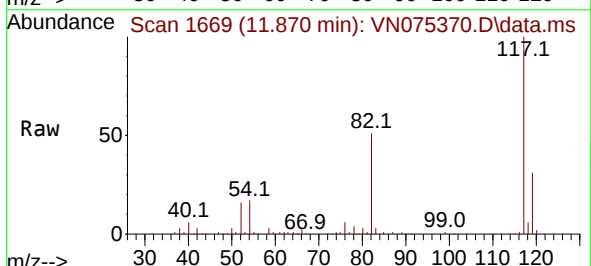
Tgt Ion: 117 Resp: 232357

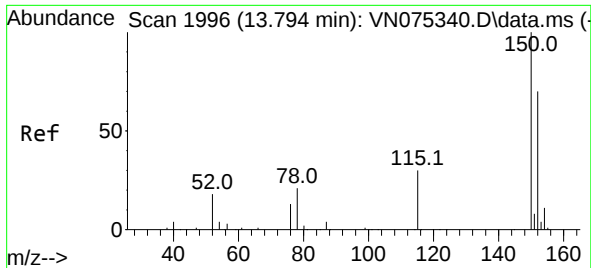
Ion Ratio Lower Upper

117 100

82 50.5 43.1 64.7

119 30.6 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: VN075370.D

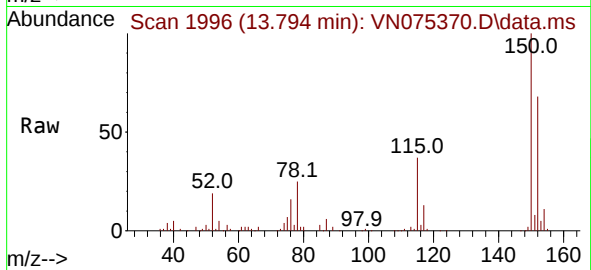
Acq: 22 Nov 2022 16:08

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:152 Resp: 97392

Ion Ratio Lower Upper

152 100

115 60.7 30.2 90.6

150 158.9 0.0 348.4

