

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112222\
 Data File : VN075378.D
 Acq On : 22 Nov 2022 19:19
 Operator : JC\MD
 Sample : N5740-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-12

Quant Time: Nov 23 07:14:42 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)

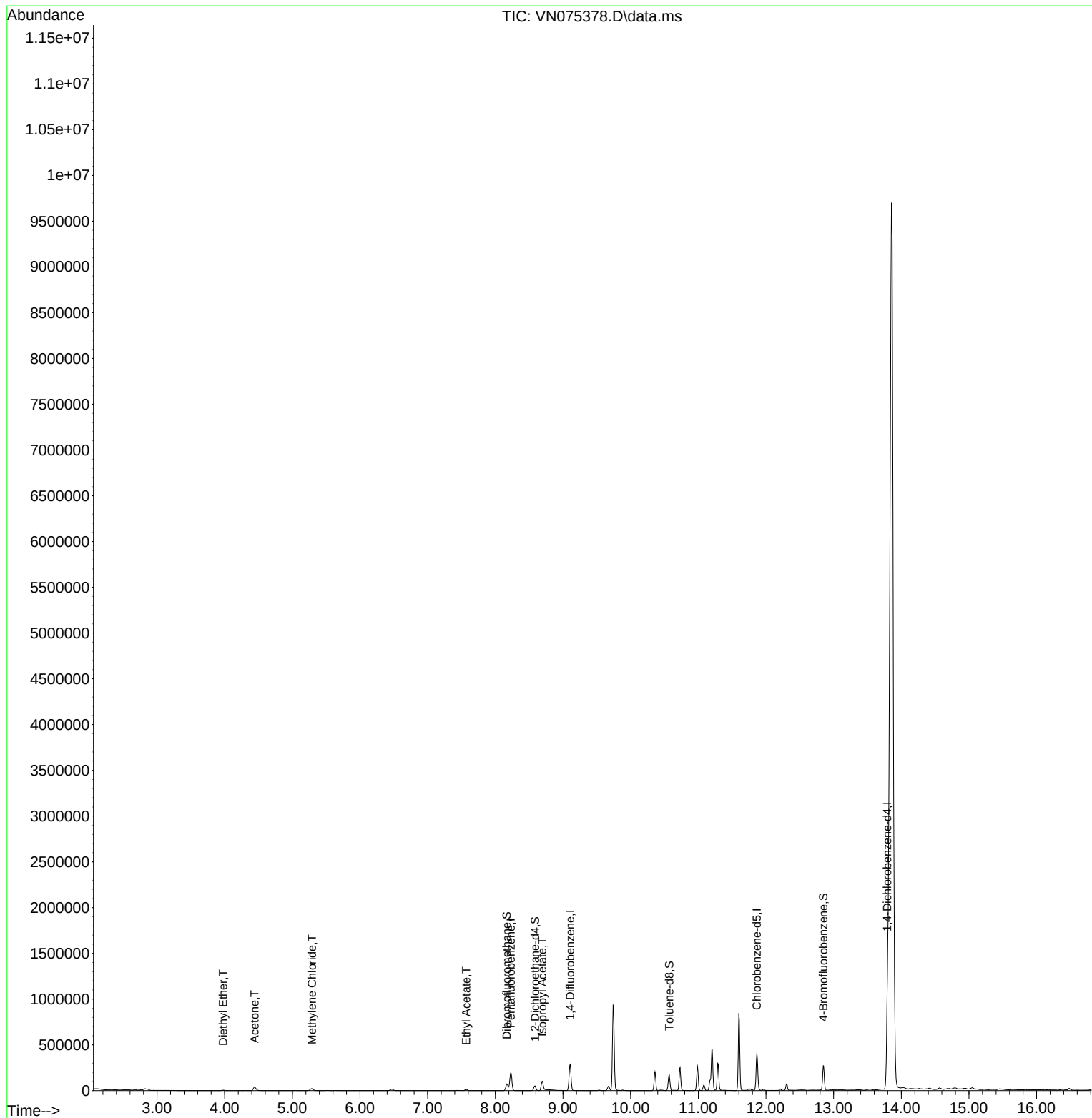
Internal Standards						
1) Pentafluorobenzene	8.230	168	156687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	267507	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124327	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	43170	51.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.660%	
35) Dibromofluoromethane	8.171	113	52174	49.649	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.300%	
50) Toluene-d8	10.571	98	119873	50.647	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.300%	
62) 4-Bromofluorobenzene	12.847	95	92964	53.214	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.420%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	3943	4.191	ug/l	91
16) Acetone	4.442	43	72981	93.027	ug/l	96
20) Methylene Chloride	5.289	84	19709	11.402	ug/l	# 77
37) Ethyl Acetate	7.571	43	20847	10.103	ug/l	99
43) Isopropyl Acetate	8.694	43	114962	34.709	ug/l	# 88

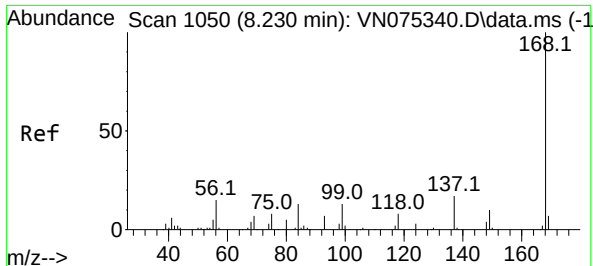
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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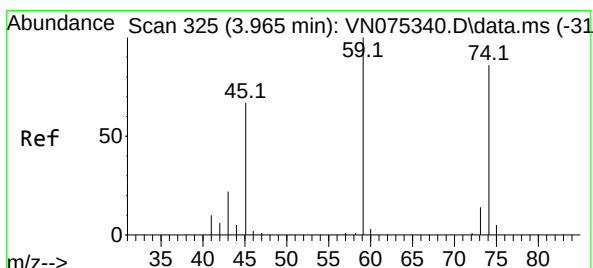
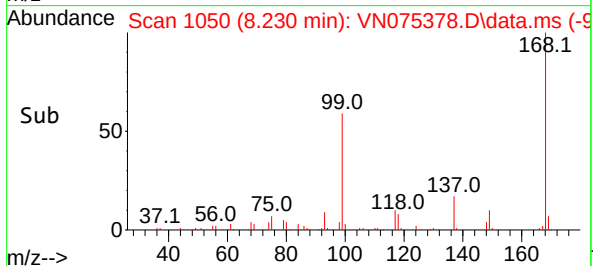
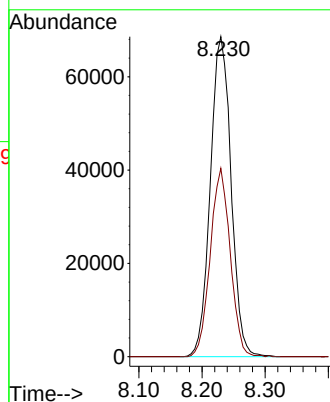
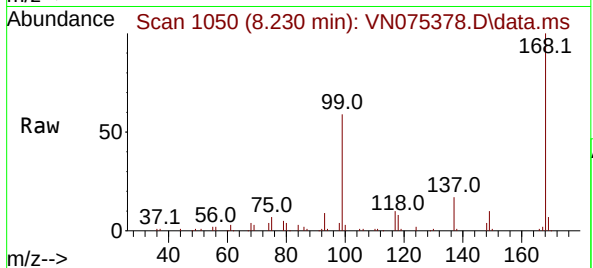




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075378.D
Acq: 22 Nov 2022 19:19

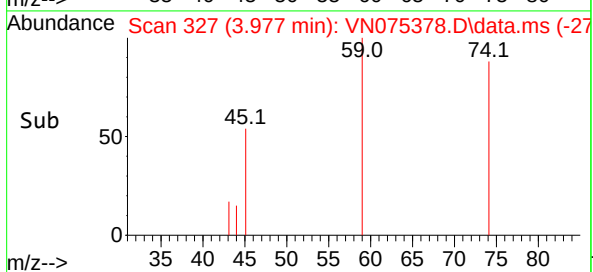
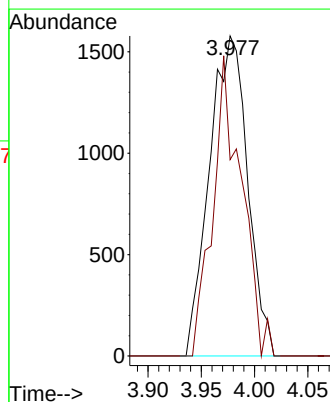
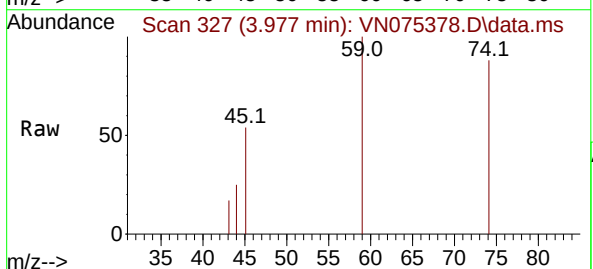
Instrument :
MSVOA_N
ClientSampleId :
MH-12

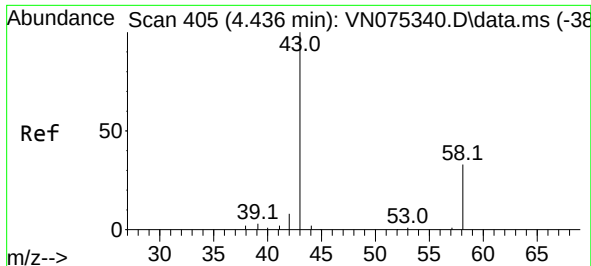
Tgt Ion:168 Resp: 156687
Ion Ratio Lower Upper
168 100
99 58.9 51.6 77.4



#8
Diethyl Ether
Concen: 4.191 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.012 min
Lab File: VN075378.D
Acq: 22 Nov 2022 19:19

Tgt Ion: 74 Resp: 3943
Ion Ratio Lower Upper
74 100
45 70.3 39.3 117.9

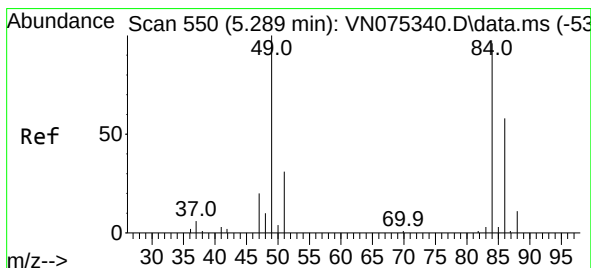
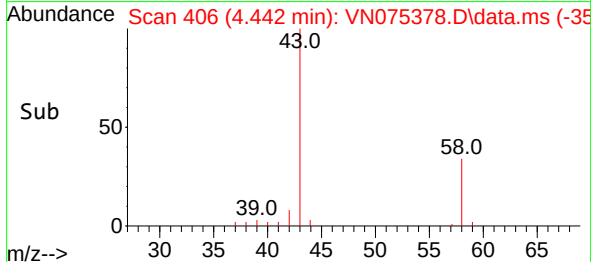
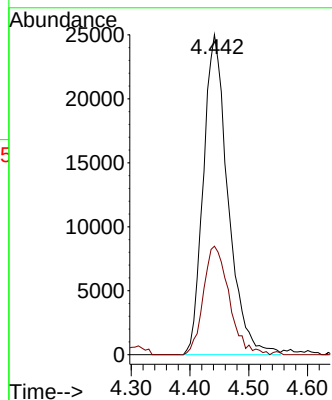
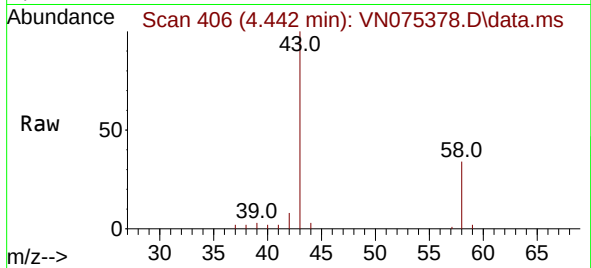




#16
Acetone
Concen: 93.027 ug/l
RT: 4.442 min Scan# 405
Delta R.T. 0.006 min
Lab File: VN075378.D
Acq: 22 Nov 2022 19:19

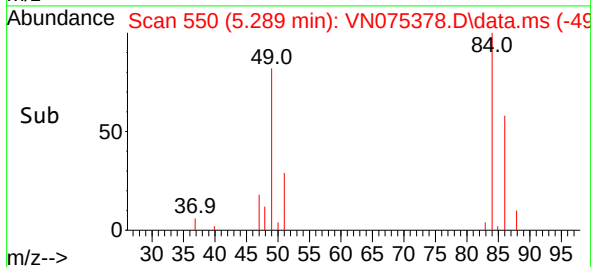
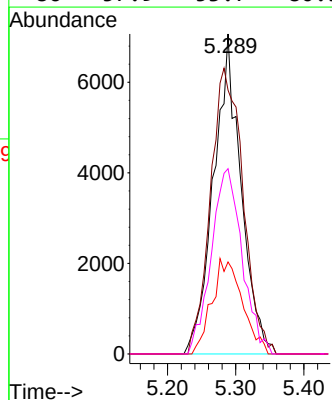
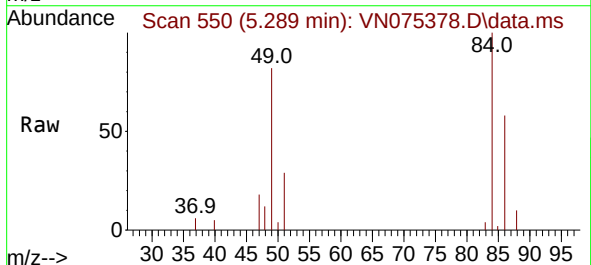
Instrument :
MSVOA_N
ClientSampleId :
MH-12

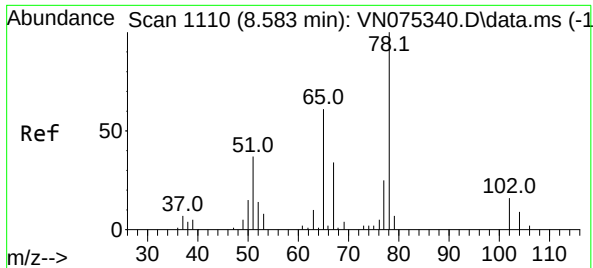
Tgt Ion: 43 Resp: 72981
Ion Ratio Lower Upper
43 100
58 33.9 25.5 38.3



#20
Methylene Chloride
Concen: 11.402 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN075378.D
Acq: 22 Nov 2022 19:19

Tgt Ion: 84 Resp: 19709
Ion Ratio Lower Upper
84 100
49 82.4 94.9 142.3#
51 28.8 26.8 40.2
86 57.9 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 51.327 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075378.D

Acq: 22 Nov 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

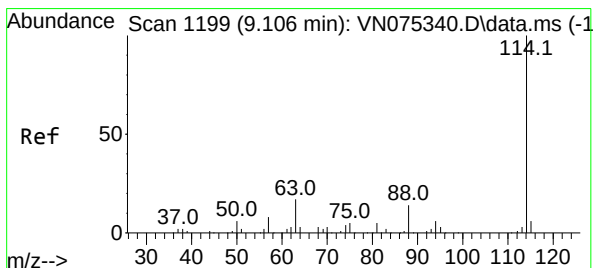
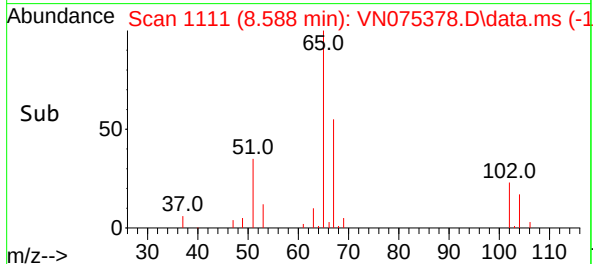
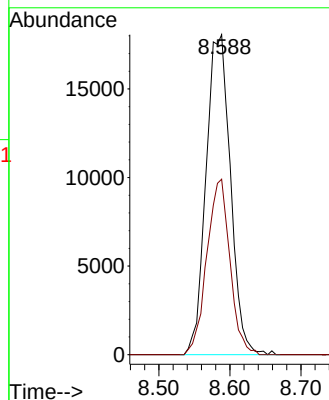
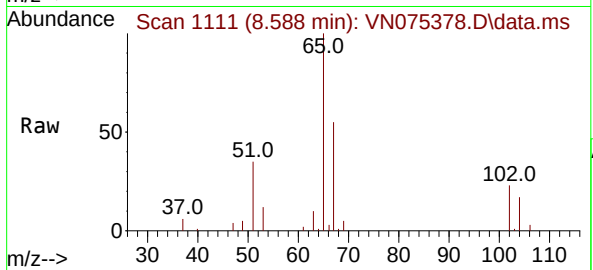
MH-12

Tgt Ion: 65 Resp: 43170

Ion Ratio Lower Upper

65 100

67 51.9 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: VN075378.D

Acq: 22 Nov 2022 19:19

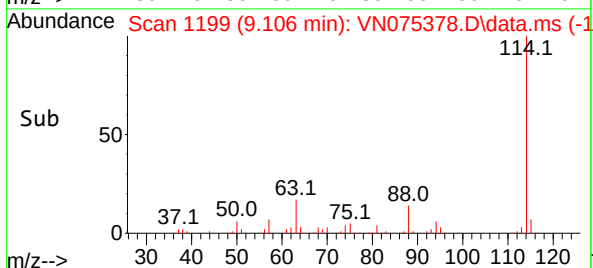
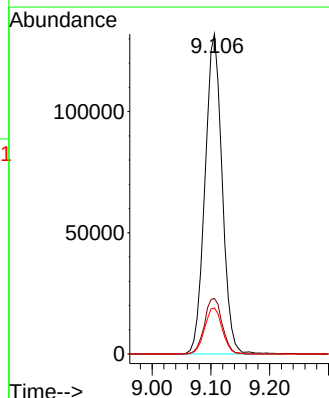
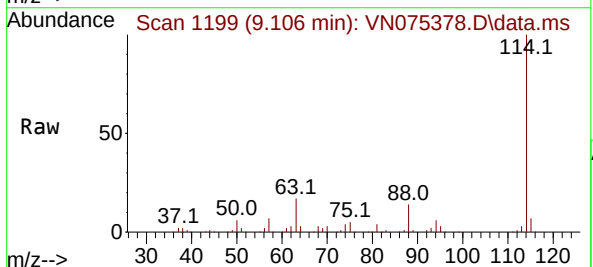
Tgt Ion: 114 Resp: 267507

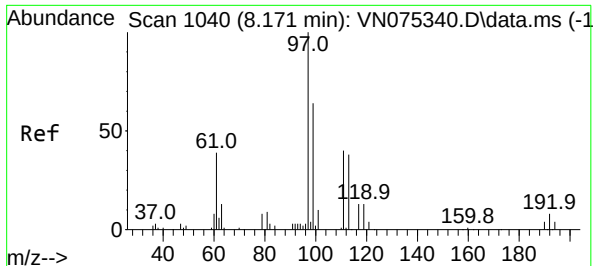
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.3 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.649 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075378.D

Acq: 22 Nov 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

MH-12

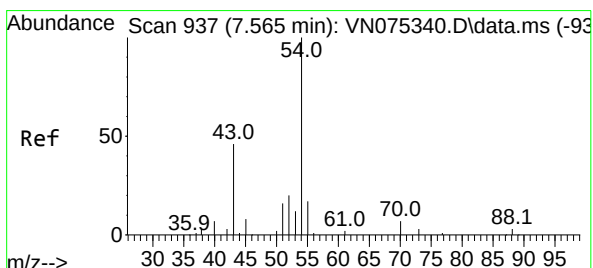
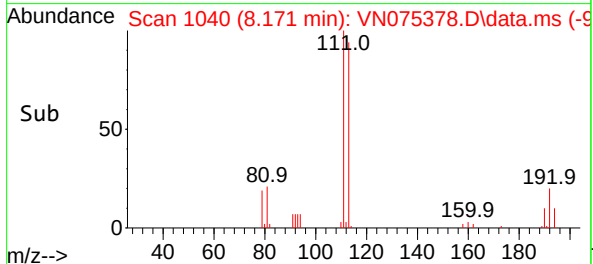
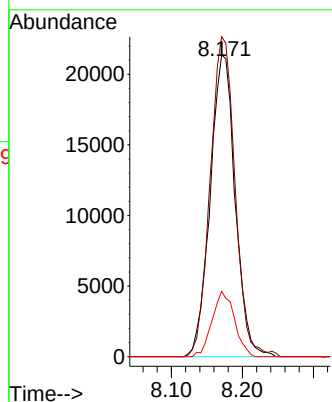
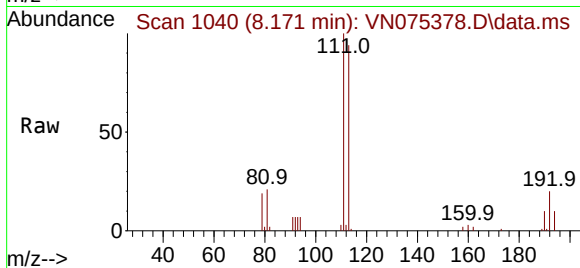
Tgt Ion:113 Resp: 52174

Ion Ratio Lower Upper

113 100

111 105.3 80.5 120.7

192 19.4 13.2 19.8



#37

Ethyl Acetate

Concen: 10.103 ug/l

RT: 7.571 min Scan# 938

Delta R.T. 0.006 min

Lab File: VN075378.D

Acq: 22 Nov 2022 19:19

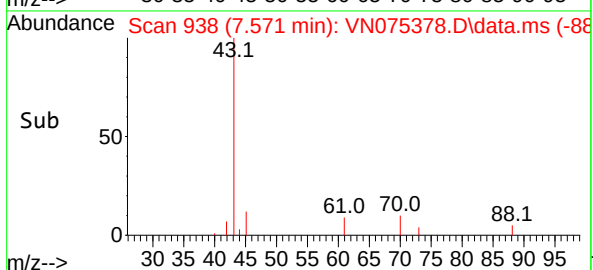
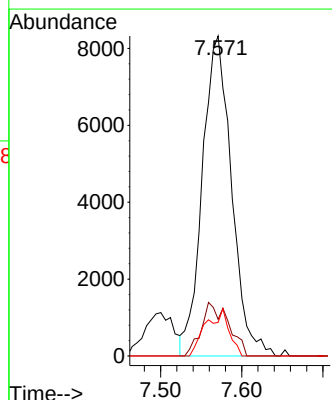
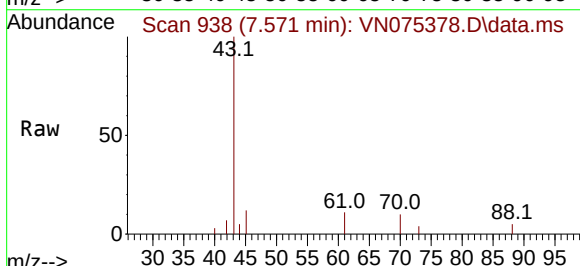
Tgt Ion: 43 Resp: 20847

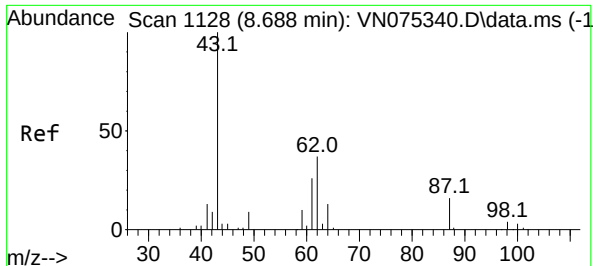
Ion Ratio Lower Upper

43 100

61 15.6 12.2 18.4

70 11.6 9.4 14.2





#43

Isopropyl Acetate

Concen: 34.709 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN075378.D

Acq: 22 Nov 2022 19:19

Instrument :

MSVOA_N

ClientSampleId :

MH-12

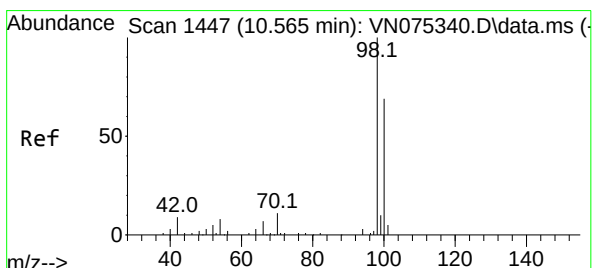
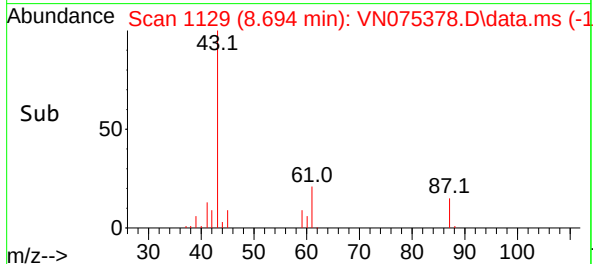
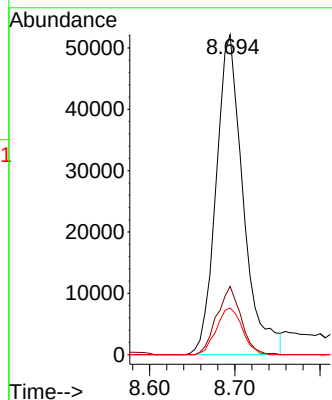
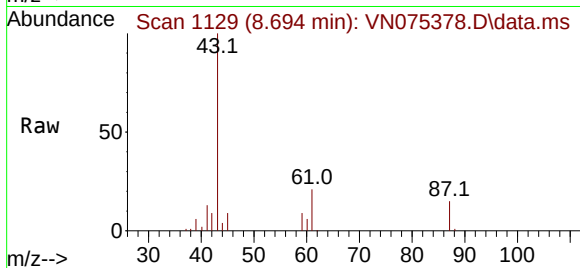
Tgt Ion: 43 Resp: 114962

Ion Ratio Lower Upper

43 100

61 19.1 22.4 33.6#

87 13.9 12.5 18.7



#50

Toluene-d8

Concen: 50.647 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN075378.D

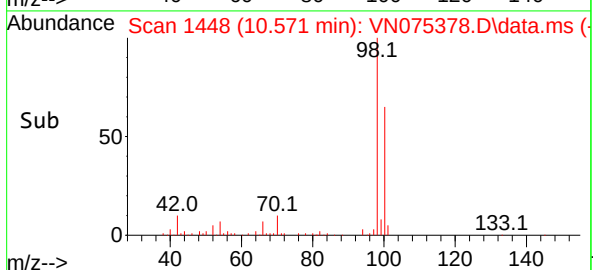
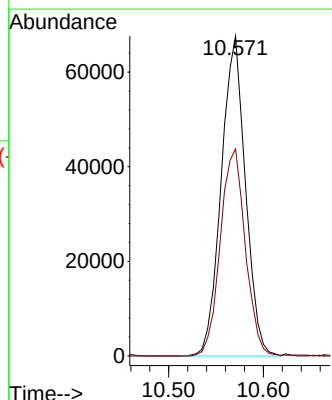
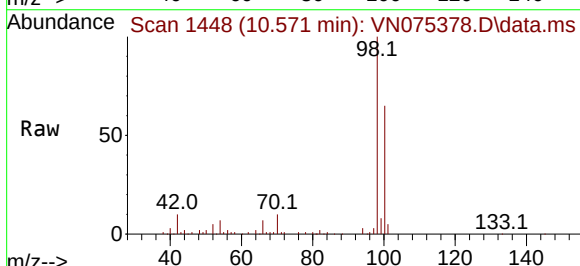
Acq: 22 Nov 2022 19:19

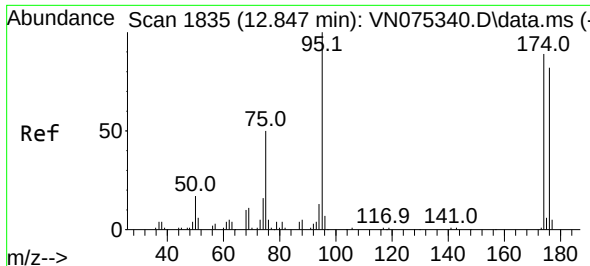
Tgt Ion: 98 Resp: 119873

Ion Ratio Lower Upper

98 100

100 66.9 53.0 79.6

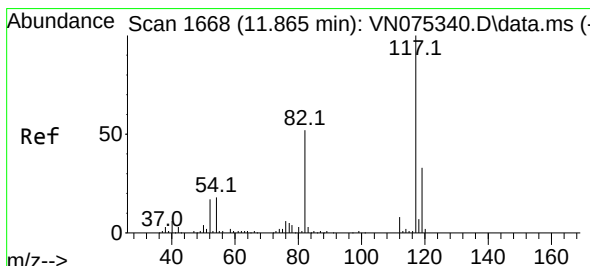
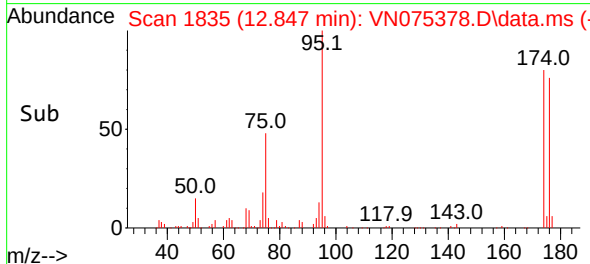
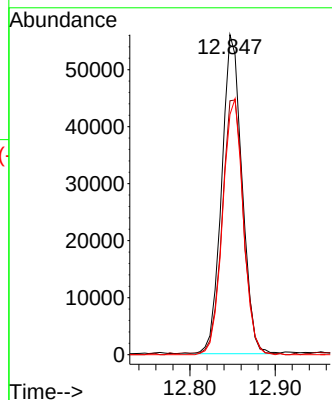
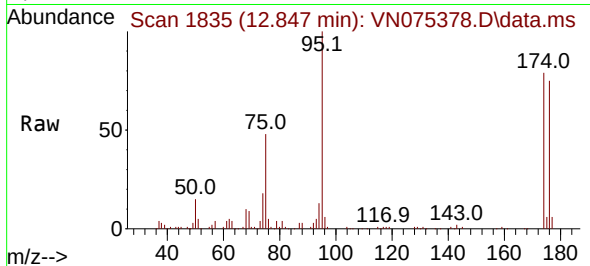




#62
4-Bromofluorobenzene
Concen: 53.214 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.000 min
Lab File: VN075378.D
Acq: 22 Nov 2022 19:19

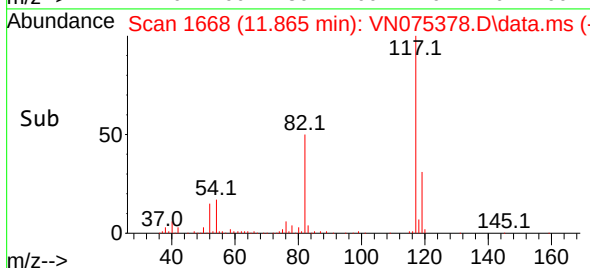
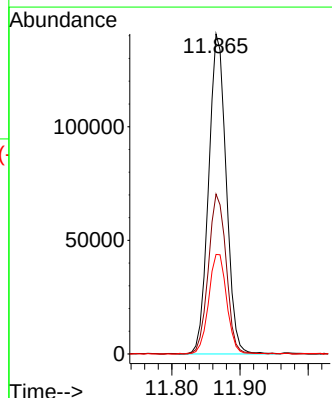
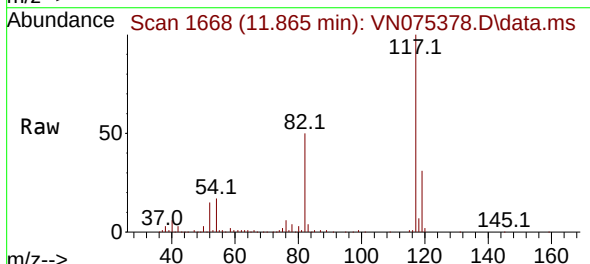
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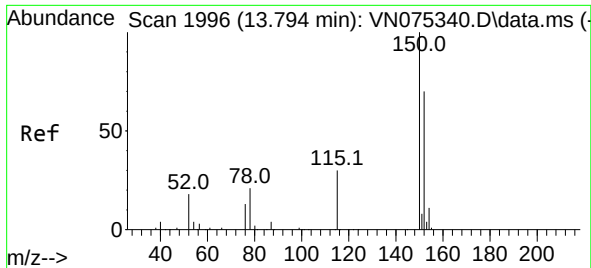
Tgt Ion: 95 Resp: 92964
Ion Ratio Lower Upper
95 100
174 84.0 0.0 147.4
176 81.0 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075378.D
Acq: 22 Nov 2022 19:19

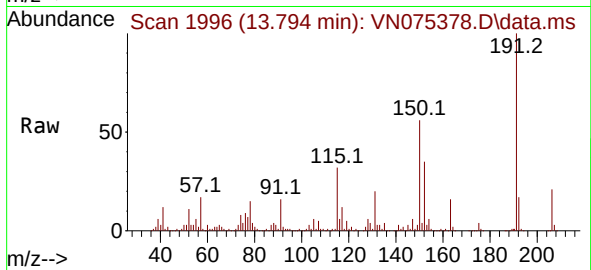
Tgt Ion: 117 Resp: 252264
Ion Ratio Lower Upper
117 100
82 50.0 43.1 64.7
119 31.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075378.D
 Acq: 22 Nov 2022 19:19

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-12



Tgt Ion:152 Resp: 124327
 Ion Ratio Lower Upper
 152 100
 115 0.0 30.2 90.6#
 150 168.4 0.0 348.4

