

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112322\
 Data File : VN075392.D
 Acq On : 23 Nov 2022 13:36
 Operator : JC\MD
 Sample : N5675-01 5X
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AUD-1673DL

Quant Time: Nov 23 13:56:35 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)

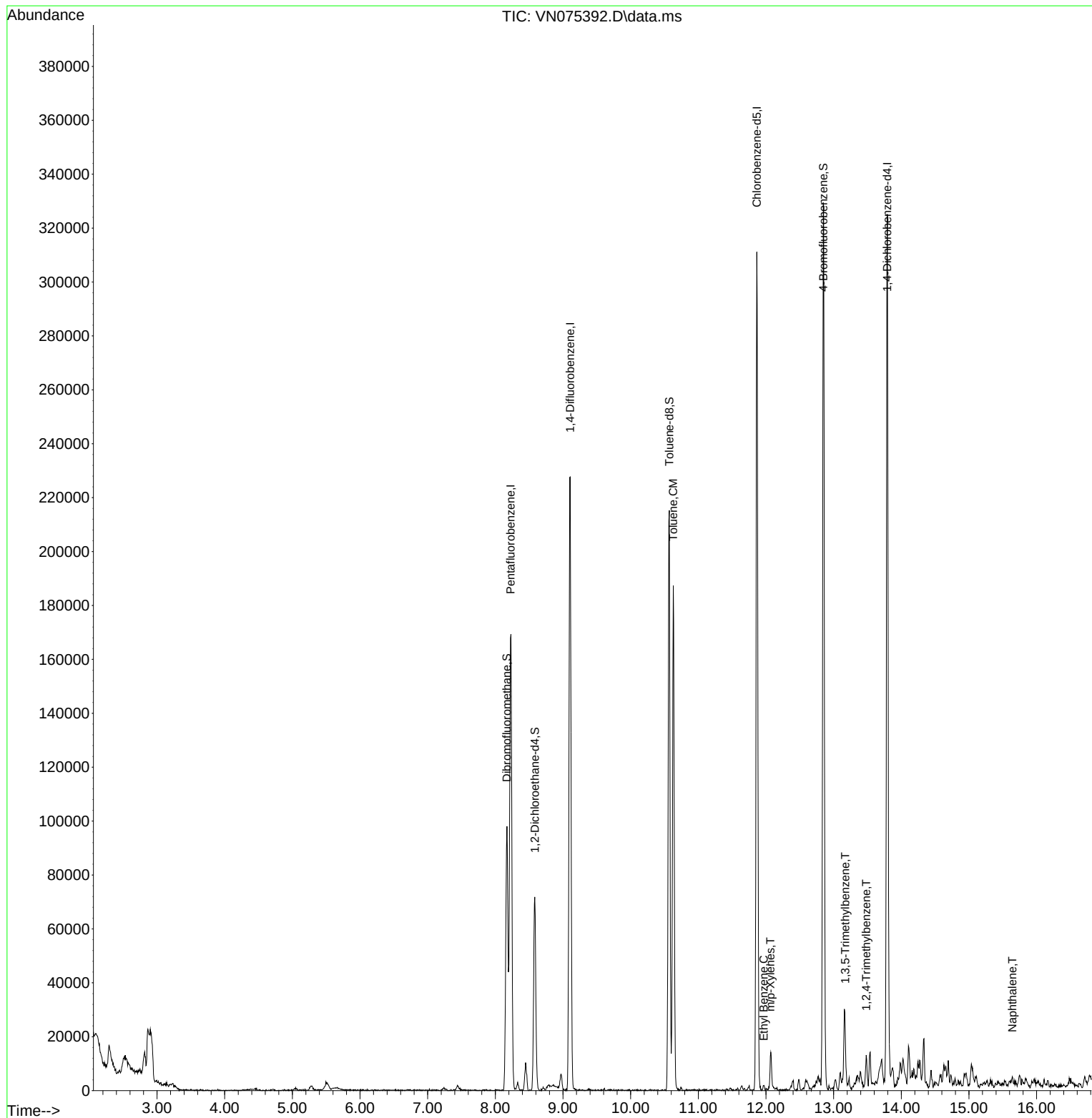
Internal Standards						
1) Pentafluorobenzene	8.224	168	127448	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	215939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	57830	84.532	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 169.060%#		
35) Dibromofluoromethane	8.171	113	70030	82.555	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 165.120%#		
50) Toluene-d8	10.571	98	157052	82.202	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 164.400%#		
62) 4-Bromofluorobenzene	12.847	95	116504	82.615	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 165.240%#		
Target Compounds						
						Qvalue
52) Toluene	10.629	92	85825	23.515	ug/l	99
67) Ethyl Benzene	11.965	91	1919	0.284	ug/l	96
68) m/p-Xylenes	12.065	106	2008	0.732	ug/l #	64
80) 1,3,5-Trimethylbenzene	13.171	105	1769	0.320	ug/l	77
84) 1,2,4-Trimethylbenzene	13.482	105	7578	1.365	ug/l	99
95) Naphthalene	15.641	128	4018	0.820	ug/l #	91

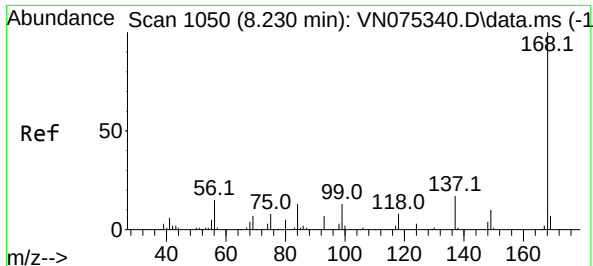
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

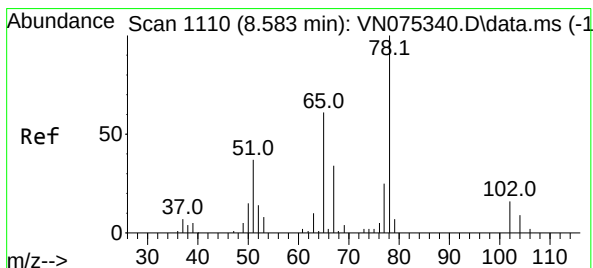
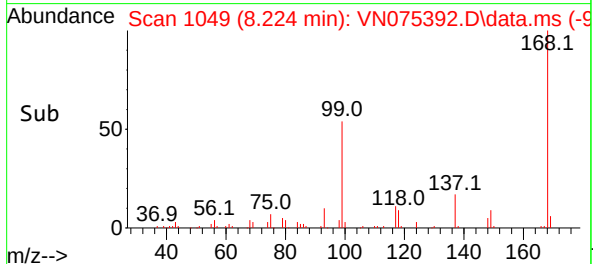
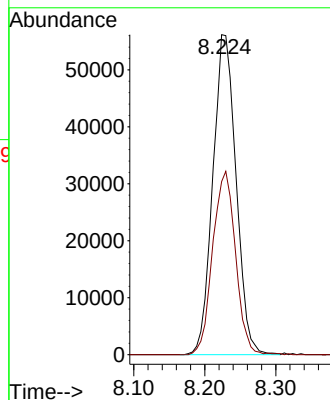
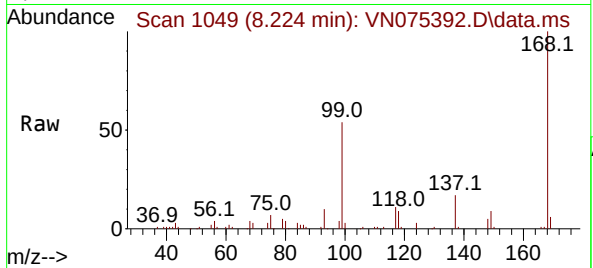




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN075392.D
Acq: 23 Nov 2022 13:36

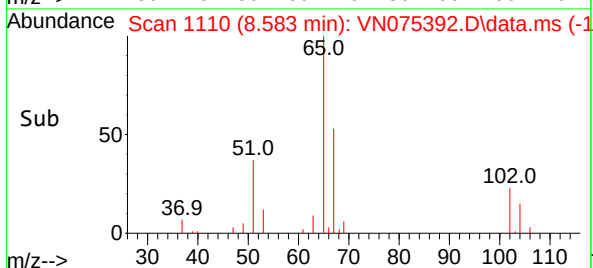
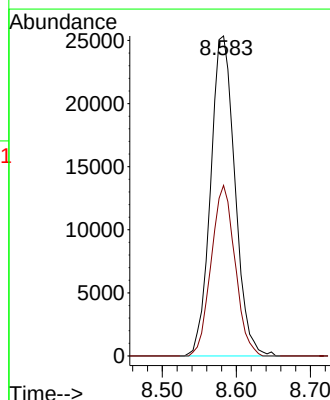
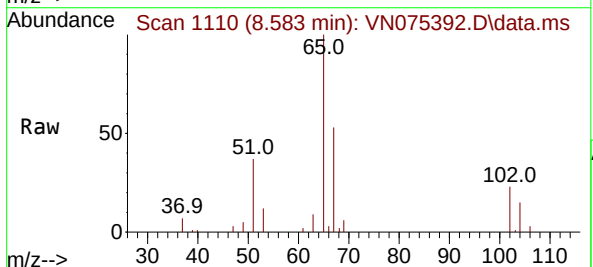
Instrument :
MSVOA_N
ClientSampleId :
AUD-1673DL

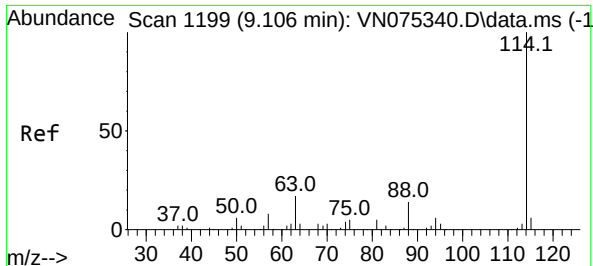
Tgt Ion:168 Resp: 127448
Ion Ratio Lower Upper
168 100
99 54.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 84.532 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075392.D
Acq: 23 Nov 2022 13:36

Tgt Ion: 65 Resp: 57830
Ion Ratio Lower Upper
65 100
67 52.2 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: VN075392.D

Acq: 23 Nov 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

AUD-1673DL

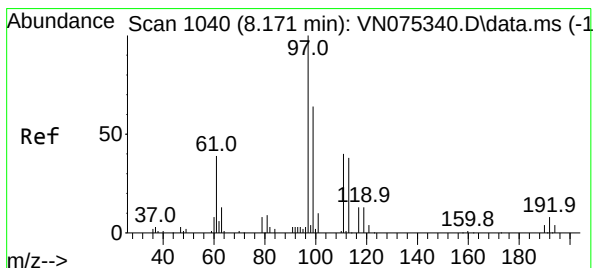
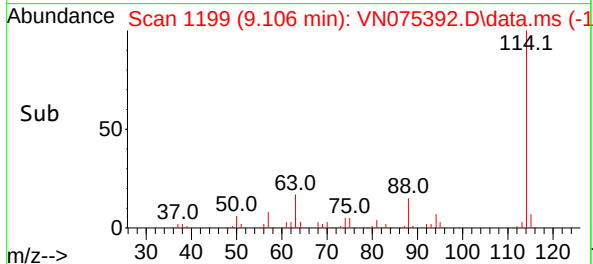
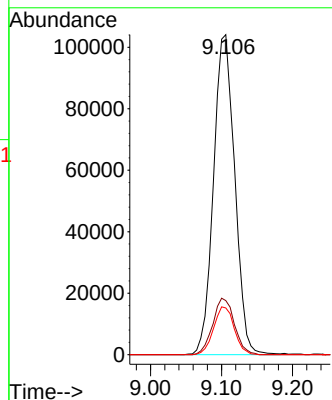
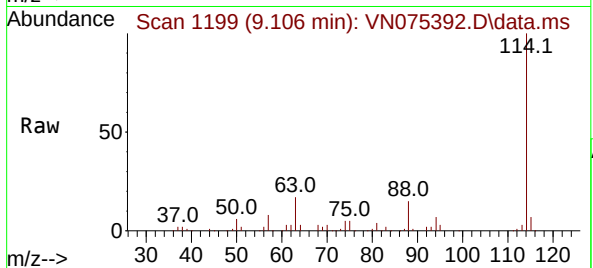
Tgt Ion:114 Resp: 215939

Ion Ratio Lower Upper

114 100

63 16.9 0.0 39.6

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 82.555 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075392.D

Acq: 23 Nov 2022 13:36

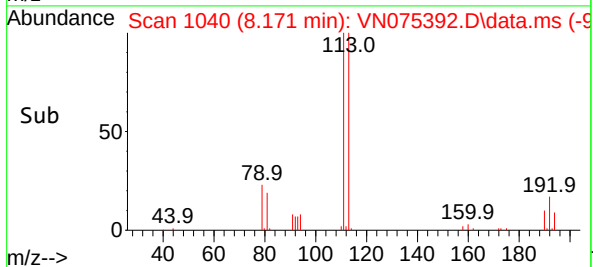
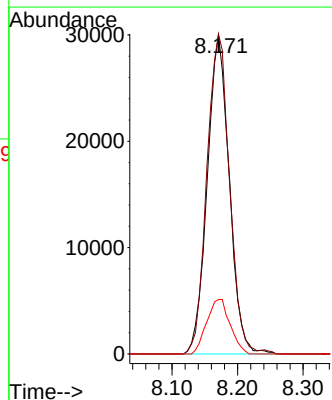
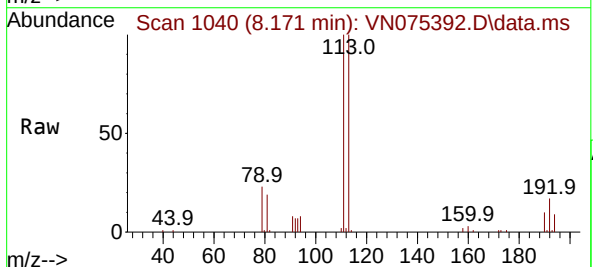
Tgt Ion:113 Resp: 70030

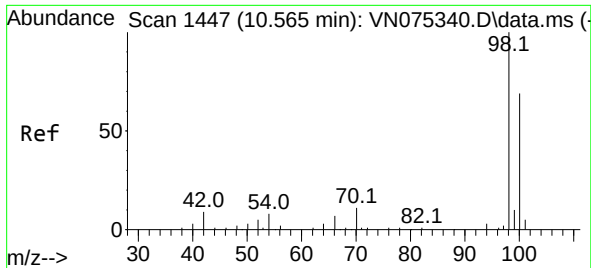
Ion Ratio Lower Upper

113 100

111 103.1 80.5 120.7

192 18.1 13.2 19.8

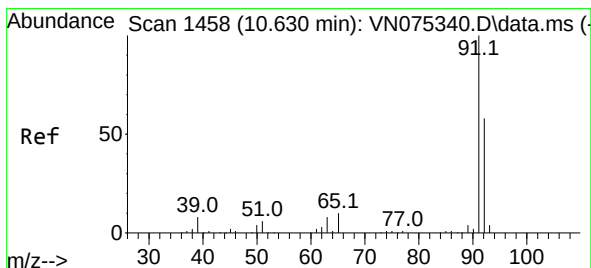
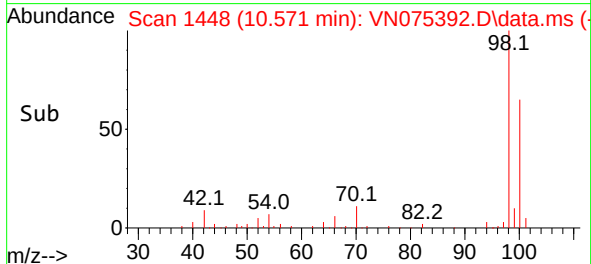
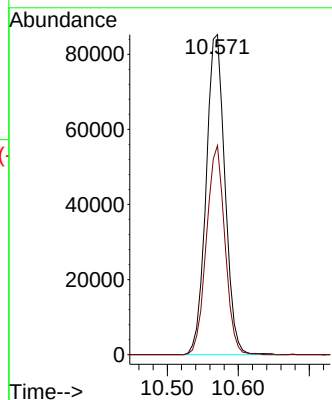
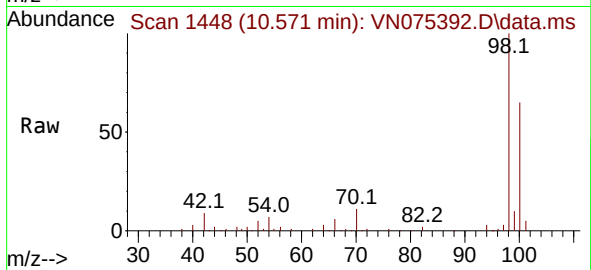




#50
Toluene-d8
Concen: 82.202 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075392.D
Acq: 23 Nov 2022 13:36

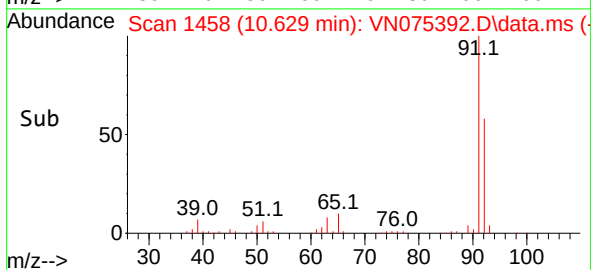
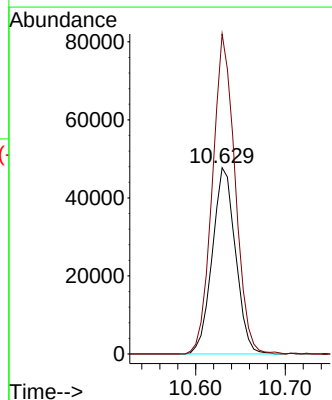
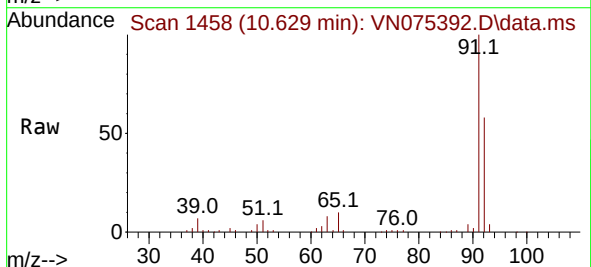
Instrument :
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AUD-1673DL

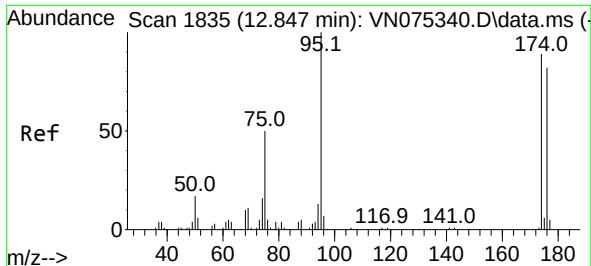
Tgt Ion: 98 Resp: 157052
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.6



#52
Toluene
Concen: 23.515 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075392.D
Acq: 23 Nov 2022 13:36

Tgt Ion: 92 Resp: 85825
Ion Ratio Lower Upper
92 100
91 167.7 135.4 203.2





#62

4-Bromofluorobenzene

Concen: 82.615 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.000 min

Lab File: VN075392.D

Acq: 23 Nov 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

AUD-1673DL

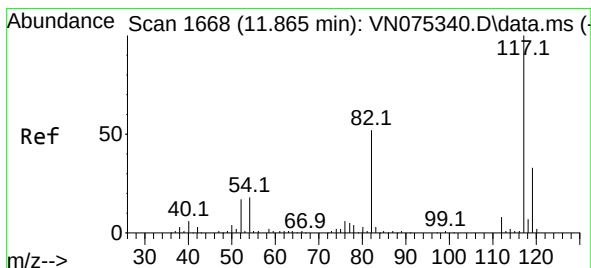
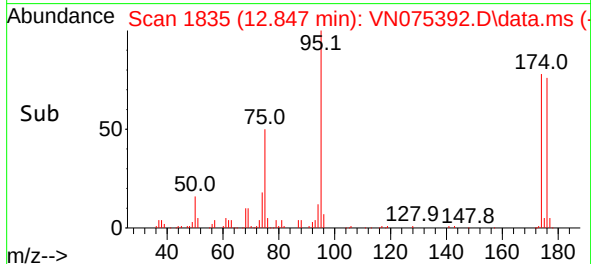
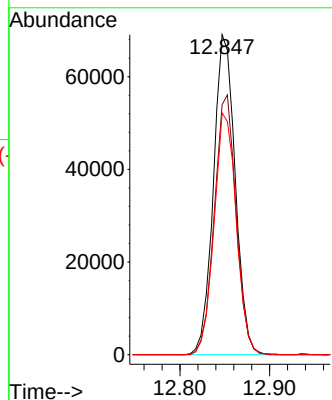
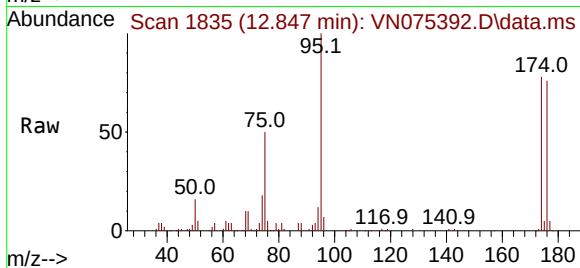
Tgt Ion: 95 Resp: 116504

Ion Ratio Lower Upper

95 100

174 81.1 0.0 147.4

176 76.8 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: VN075392.D

Acq: 23 Nov 2022 13:36

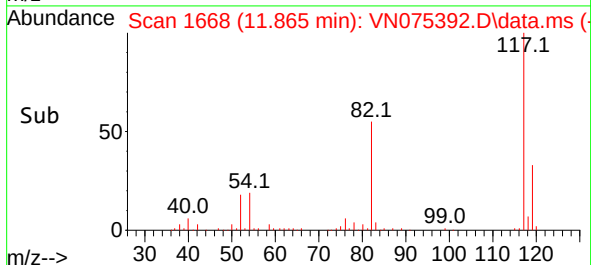
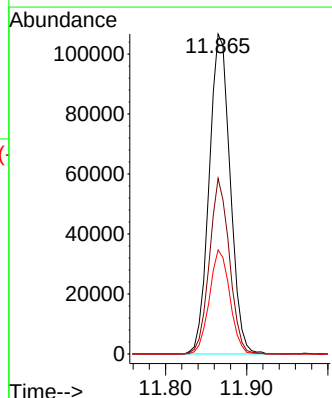
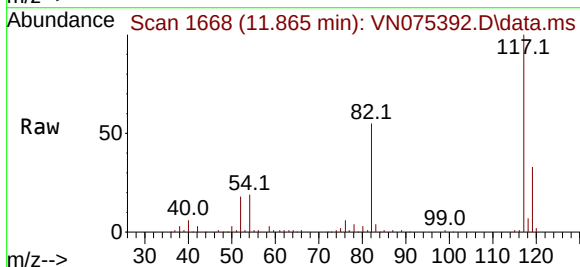
Tgt Ion: 117 Resp: 191671

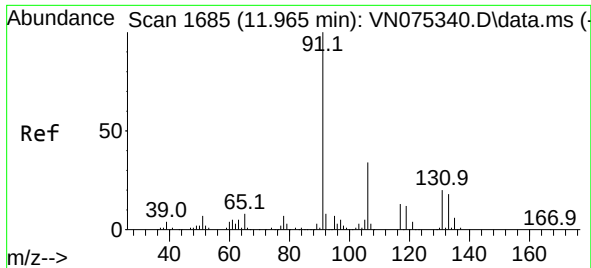
Ion Ratio Lower Upper

117 100

82 54.9 43.1 64.7

119 32.5 25.5 38.3





#67

Ethyl Benzene

Concen: 0.284 ug/l

RT: 11.965 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075392.D

Acq: 23 Nov 2022 13:36

Instrument :

MSVOA_N

ClientSampleId :

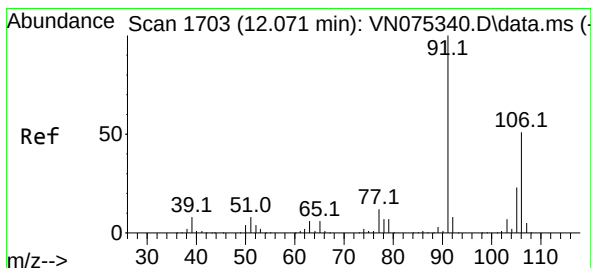
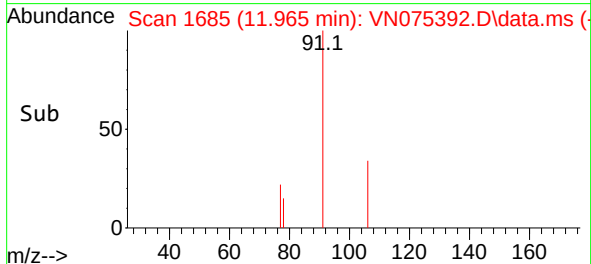
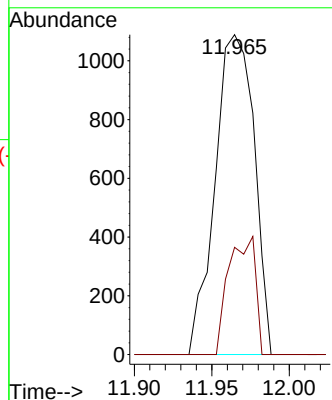
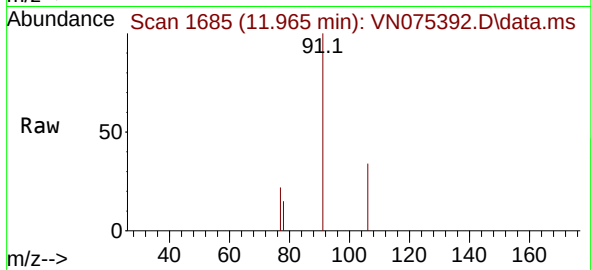
AUD-1673DL

Tgt Ion: 91 Resp: 1919

Ion Ratio Lower Upper

91 100

106 33.5 24.9 37.3



#68

m/p-Xylenes

Concen: 0.732 ug/l

RT: 12.065 min Scan# 1702

Delta R.T. -0.006 min

Lab File: VN075392.D

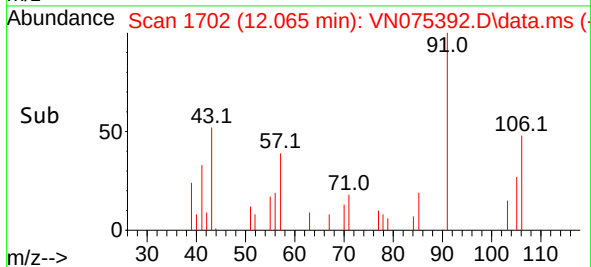
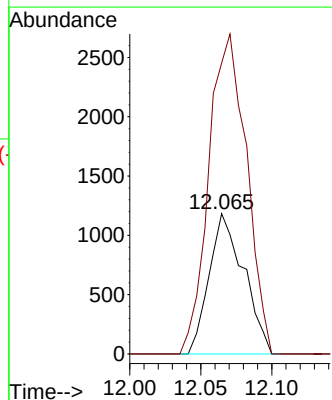
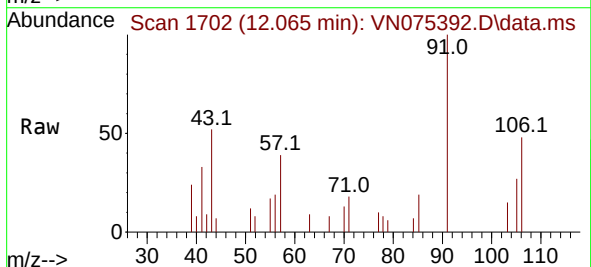
Acq: 23 Nov 2022 13:36

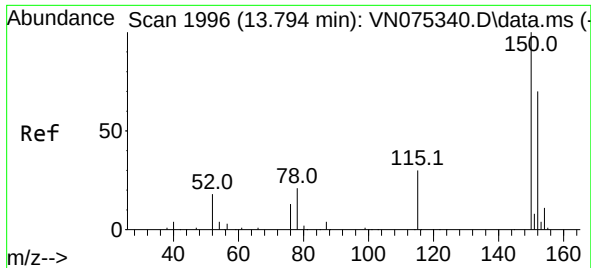
Tgt Ion: 106 Resp: 2008

Ion Ratio Lower Upper

106 100

91 248.8 156.0 234.0#

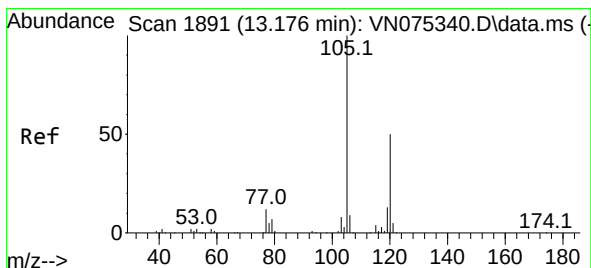
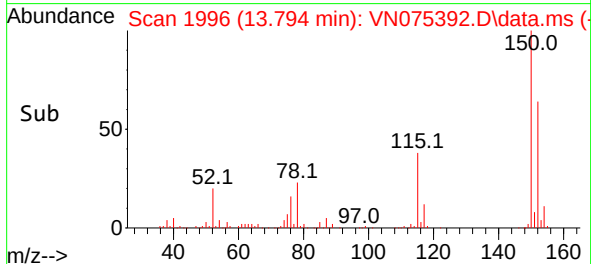
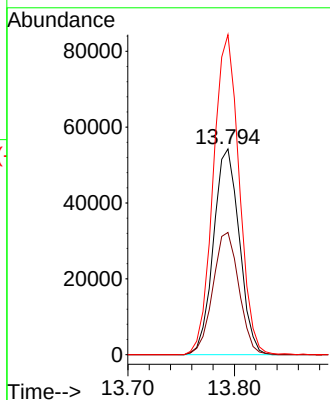
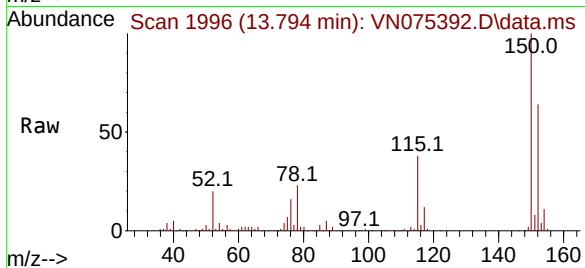




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075392.D
 Acq: 23 Nov 2022 13:36

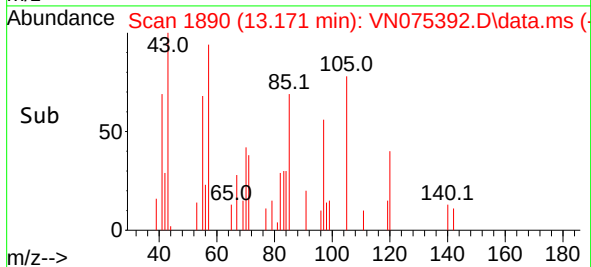
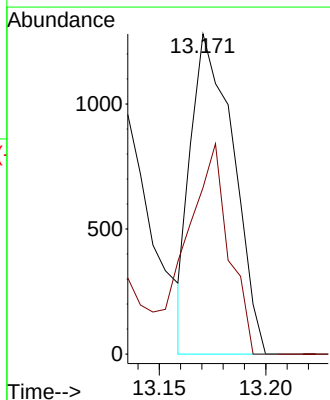
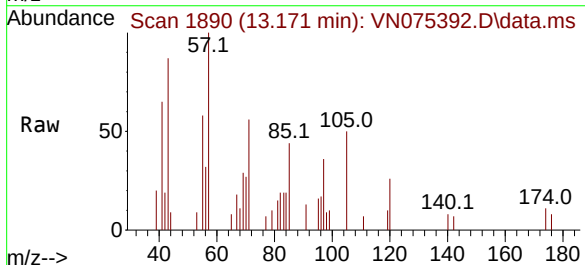
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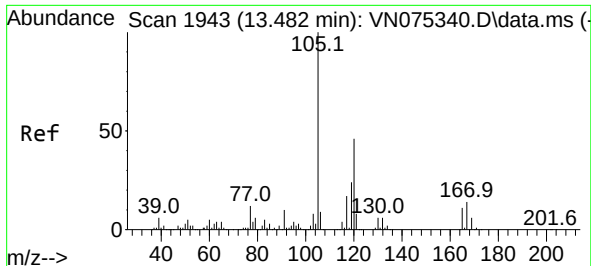
Tgt Ion:152 Resp: 91211
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.2 90.6
 150 156.0 0.0 348.4



#80
 1,3,5-Trimethylbenzene
 Concen: 0.320 ug/l
 RT: 13.171 min Scan# 1890
 Delta R.T. -0.005 min
 Lab File: VN075392.D
 Acq: 23 Nov 2022 13:36

Tgt Ion:105 Resp: 1769
 Ion Ratio Lower Upper
 105 100
 120 65.2 24.7 74.1

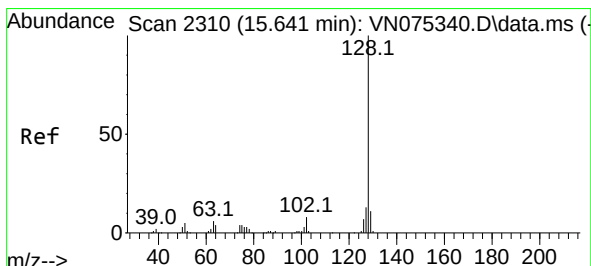
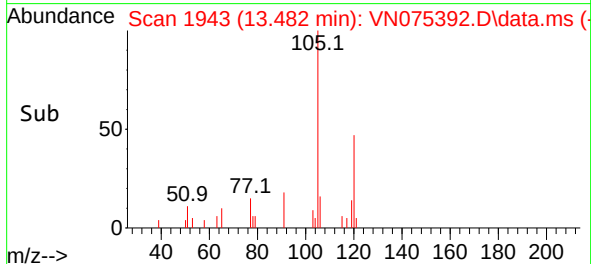
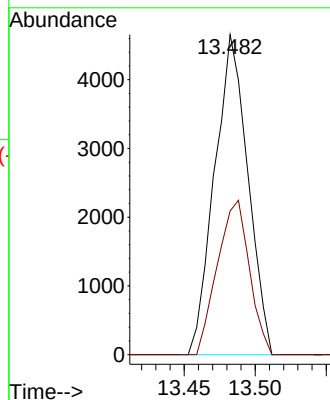
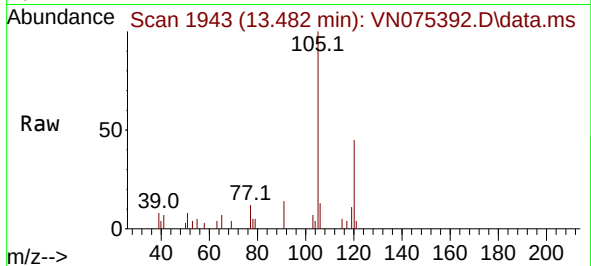




#84
1,2,4-Trimethylbenzene
Concen: 1.365 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075392.D
Acq: 23 Nov 2022 13:36

Instrument :
MSVOA_N
ClientSampleId :
AUD-1673DL

Tgt Ion:105 Resp: 7578
Ion Ratio Lower Upper
105 100
120 46.4 22.7 68.1



#95
Naphthalene
Concen: 0.820 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN075392.D
Acq: 23 Nov 2022 13:36

Tgt Ion:128 Resp: 4018
Ion Ratio Lower Upper
128 100
127 8.2 10.4 15.6#
129 8.5 8.6 12.8#

