

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060922\
 Data File : VN072743.D
 Acq On : 09 Jun 2022 20:20
 Operator : JC\MD
 Sample : N3280-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33RD-AVE-CASING-10

Quant Time: Jun 10 01:47:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 05:17:31 2022
 Response via : Initial Calibration

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

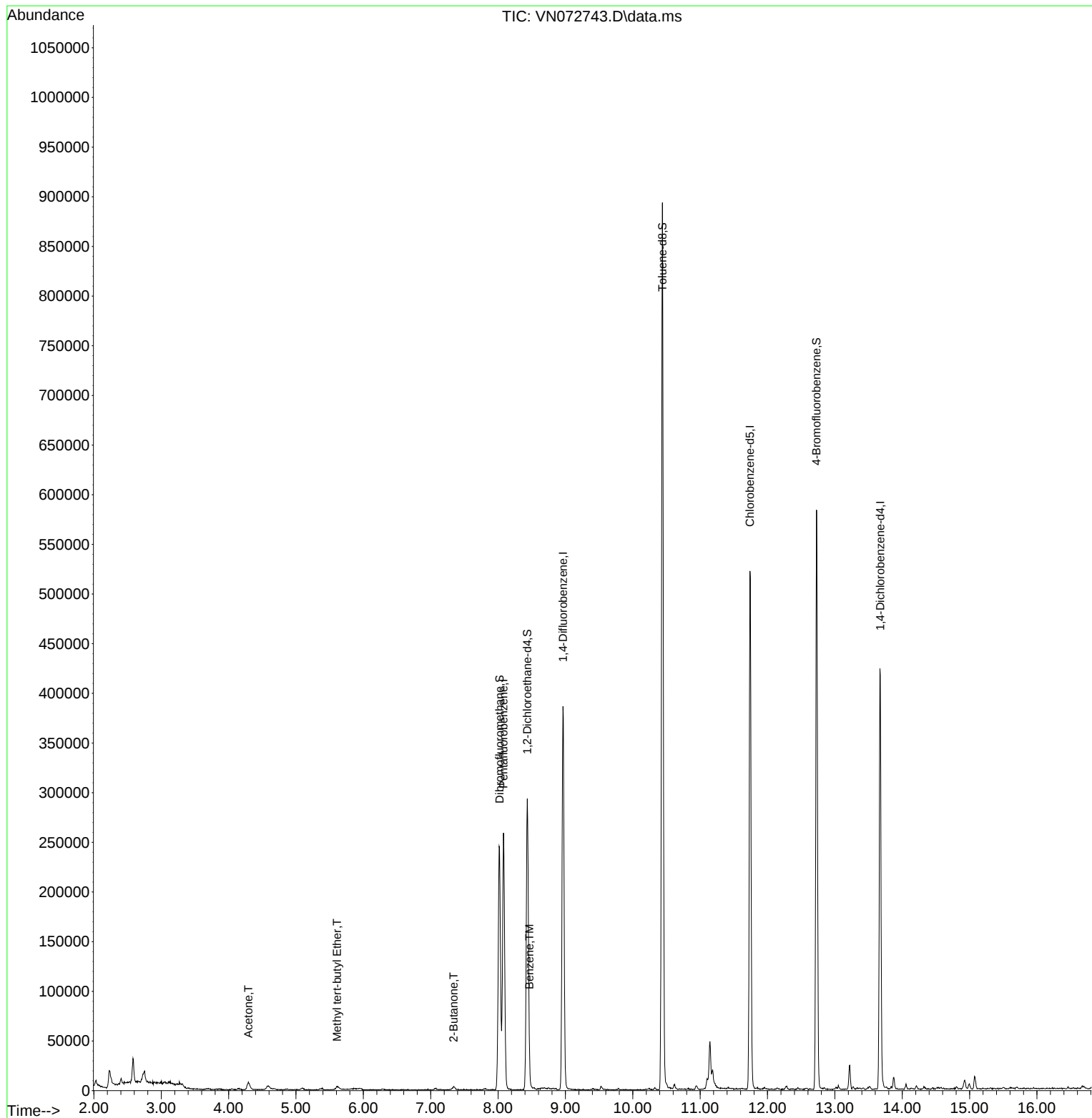
Internal Standards						
1) Pentafluorobenzene	8.081	168	160441	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	311956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	273416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	98253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	243120	56.459	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	112.920%
35) Dibromofluoromethane	8.022	113	173765	56.294	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	112.580%
50) Toluene-d8	10.439	98	571833	46.432	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.727	95	196882	46.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.180%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	14516	7.035	ug/l	# 79
19) Methyl tert-butyl Ether	5.610	73	4394	0.420	ug/l	# 89
25) 2-Butanone	7.339	43	5612	1.691	ug/l	94
40) Benzene	8.463	78	4336	0.333	ug/l	97

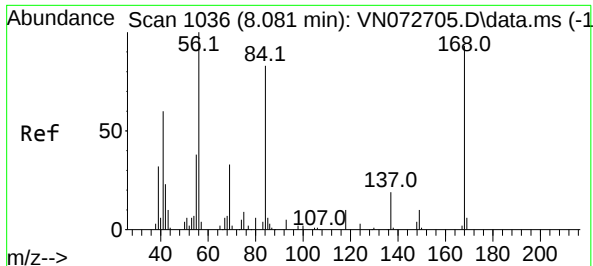
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 01:47:14 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060822W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 09 05:17:31 2022
Response via : Initial Calibration

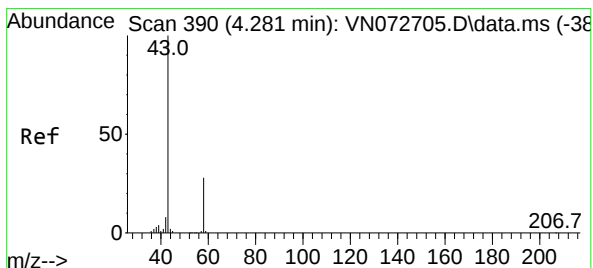
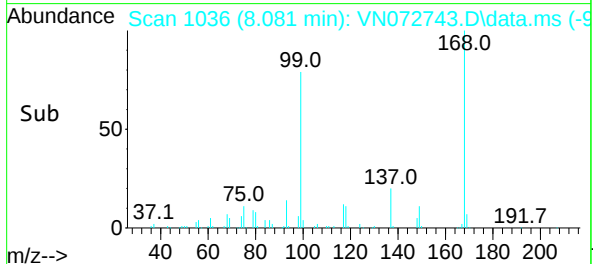
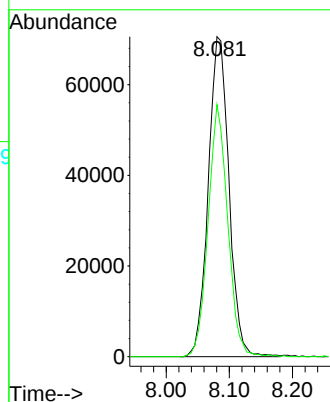
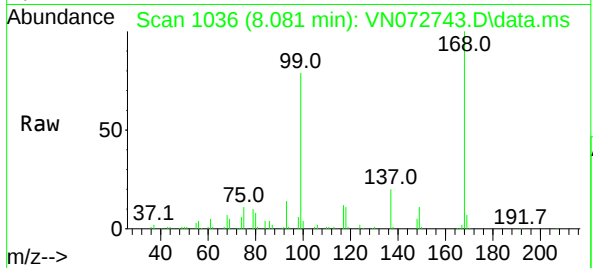




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072743.D
Acq: 09 Jun 2022 20:20

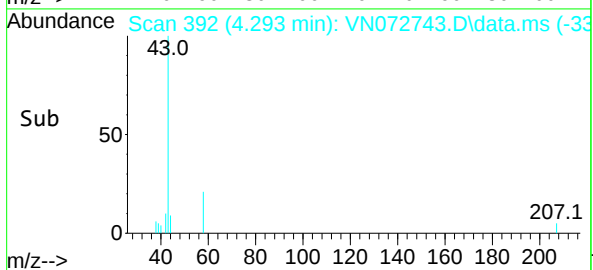
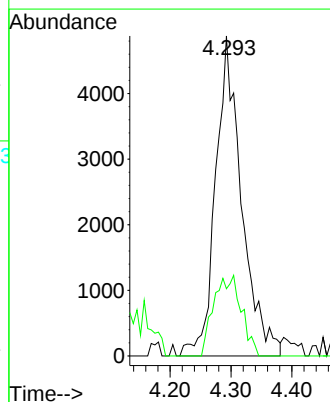
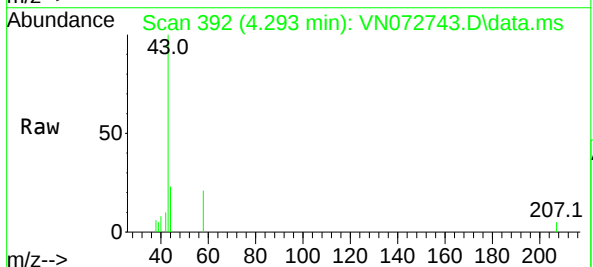
Instrument :
MSVOA_N
ClientSampleId :
33RD-AVE-CASING-10

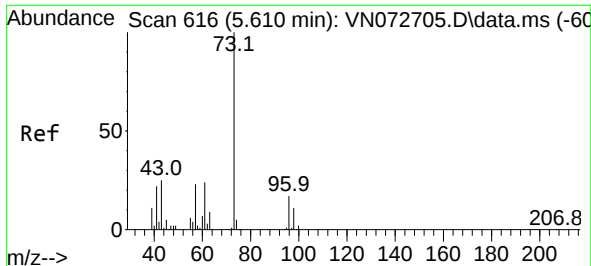
Tgt Ion:168 Resp: 160441
Ion Ratio Lower Upper
168 100
99 78.8 42.3 63.5#



#16
Acetone
Concen: 7.035 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072743.D
Acq: 09 Jun 2022 20:20

Tgt Ion: 43 Resp: 14516
Ion Ratio Lower Upper
43 100
58 21.0 26.0 39.0#

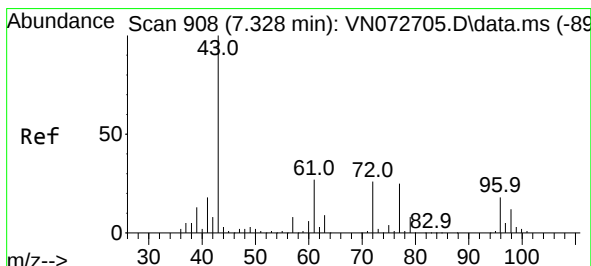
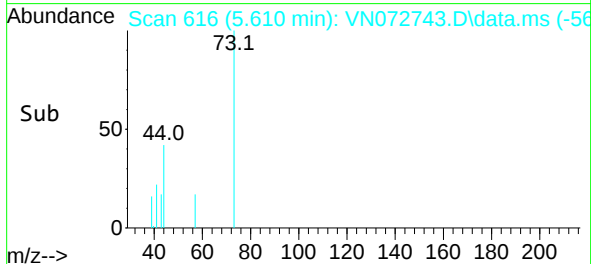
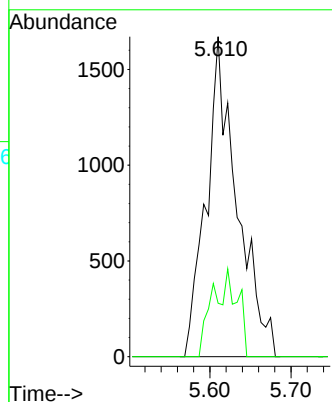
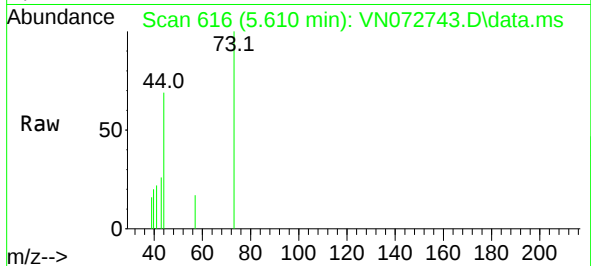




#19
Methyl tert-butyl Ether
Concen: 0.420 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072743.D
Acq: 09 Jun 2022 20:20

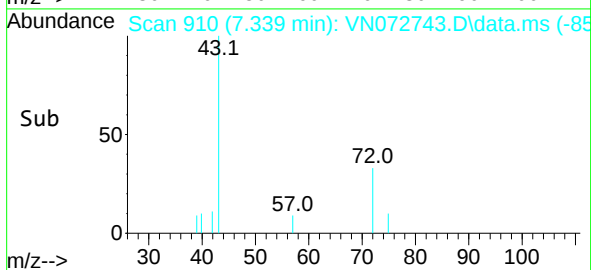
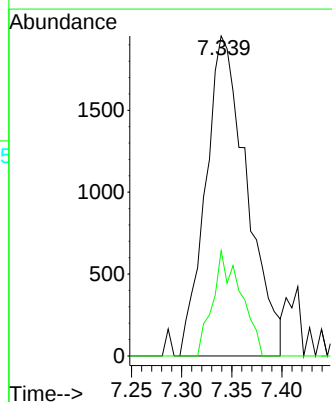
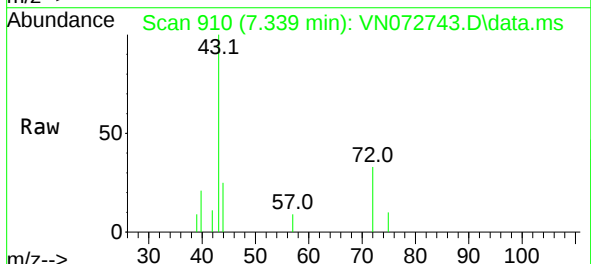
Instrument :
MSVOA_N
ClientSampleId :
33RD-AVE-CASING-10

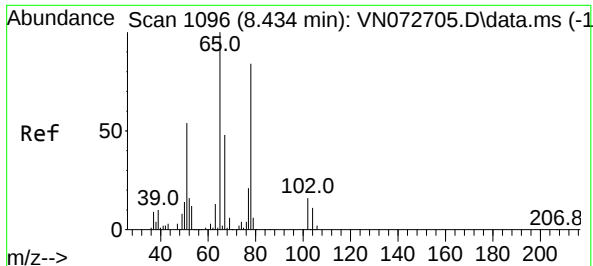
Tgt Ion: 73 Resp: 4394
Ion Ratio Lower Upper
73 100
57 16.7 17.6 26.4#



#25
2-Butanone
Concen: 1.691 ug/l
RT: 7.339 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072743.D
Acq: 09 Jun 2022 20:20

Tgt Ion: 43 Resp: 5612
Ion Ratio Lower Upper
43 100
72 32.9 23.7 35.5





#33

1,2-Dichloroethane-d4

Concen: 56.459 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072743.D

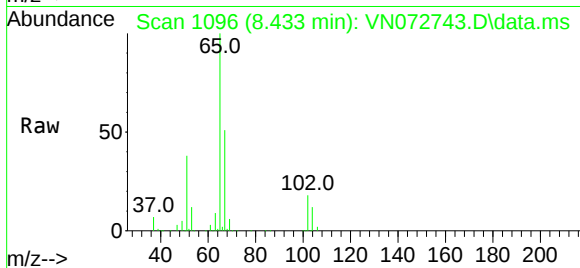
Acq: 09 Jun 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

33RD-AVE-CASING-10

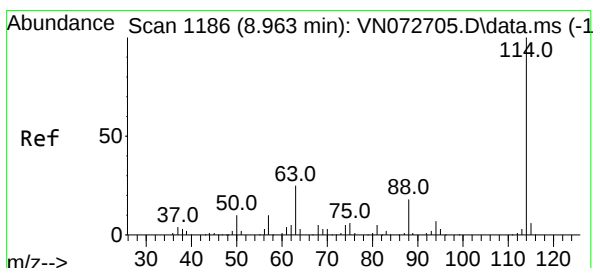
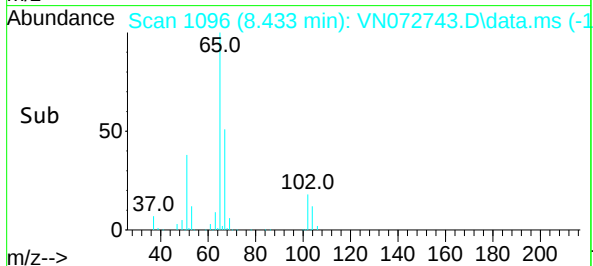
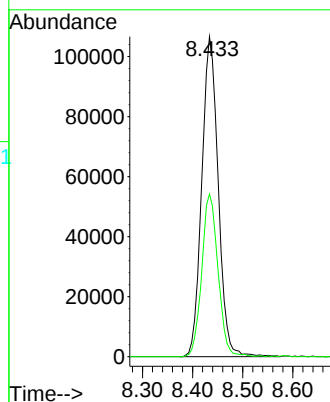


Tgt Ion: 65 Resp: 243120

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072743.D

Acq: 09 Jun 2022 20:20

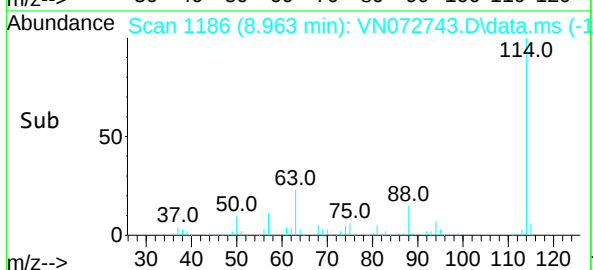
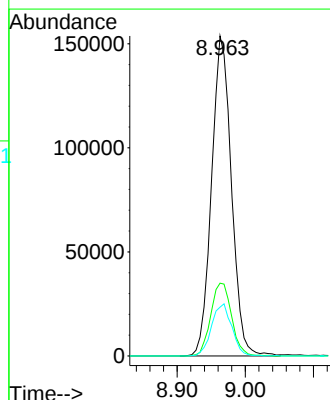
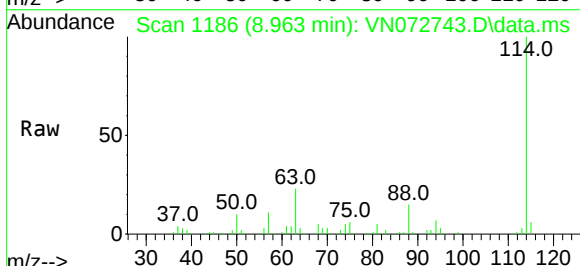
Tgt Ion: 114 Resp: 311956

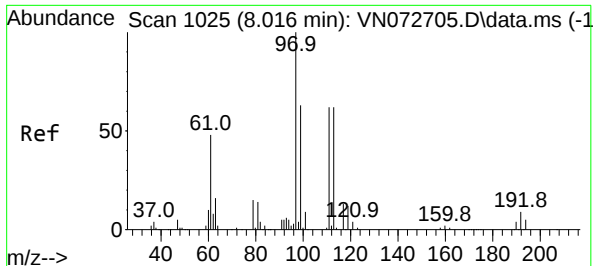
Ion Ratio Lower Upper

114 100

63 22.8 0.0 40.0

88 15.3 0.0 32.6

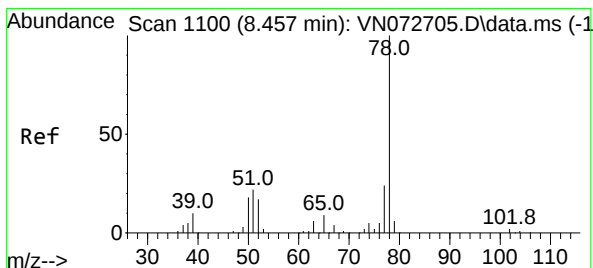
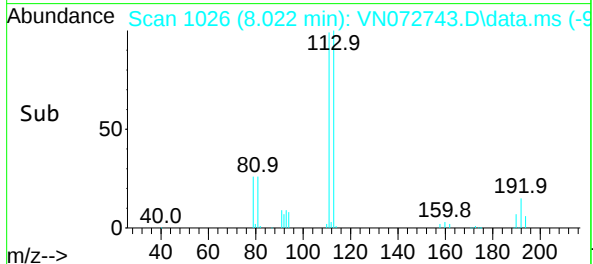
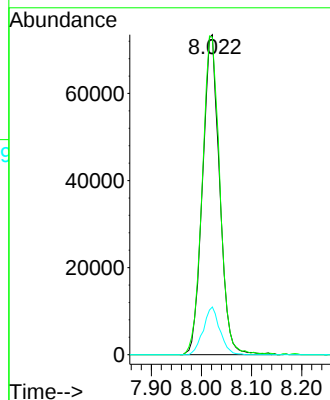
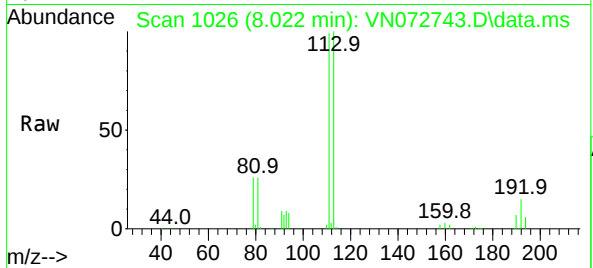




#35
Dibromofluoromethane
Concen: 56.294 ug/l
RT: 8.022 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN072743.D
Acq: 09 Jun 2022 20:20

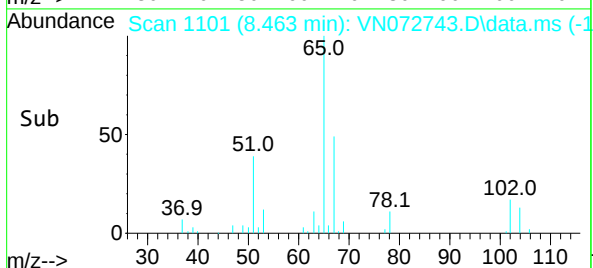
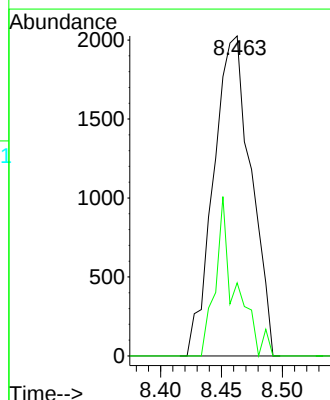
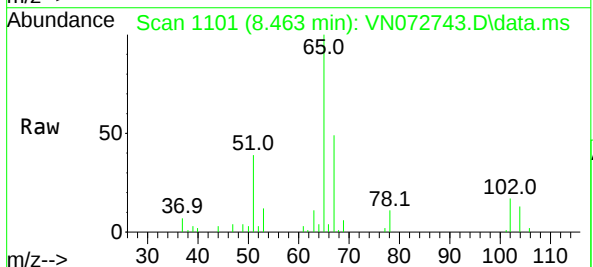
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33RD-AVE-CASING-10

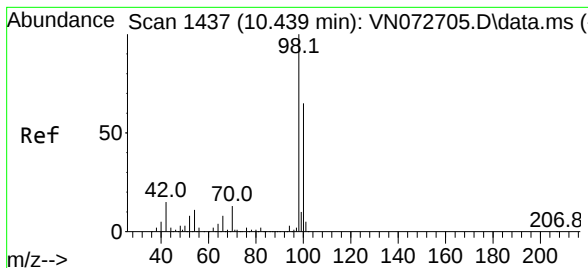
Tgt Ion:113 Resp: 173765
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 14.5 17.0 25.6#



#40
Benzene
Concen: 0.333 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN072743.D
Acq: 09 Jun 2022 20:20

Tgt Ion: 78 Resp: 4336
Ion Ratio Lower Upper
78 100
77 22.9 19.4 29.0





#50

Toluene-d8

Concen: 46.432 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072743.D

Acq: 09 Jun 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

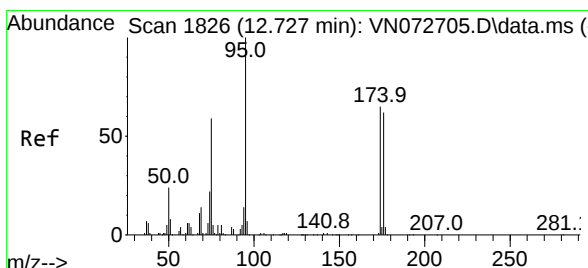
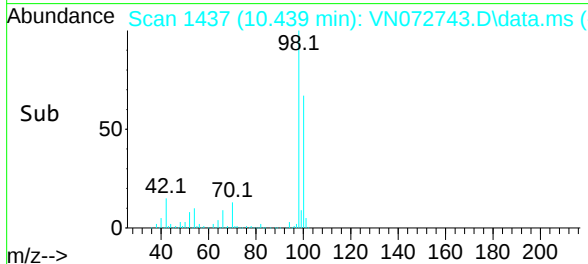
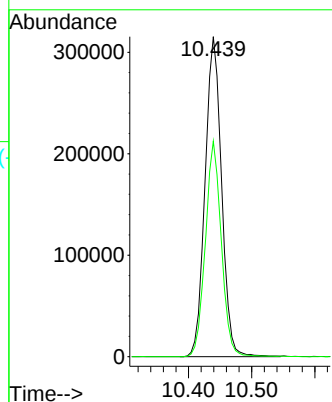
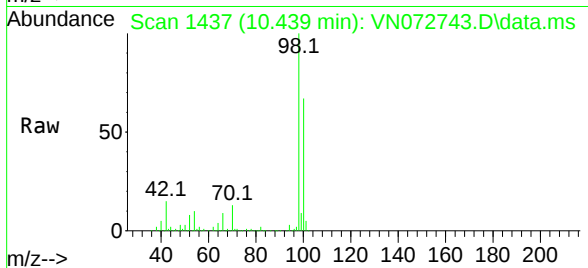
33RD-AVE-CASING-10

Tgt Ion: 98 Resp: 571833

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 46.588 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072743.D

Acq: 09 Jun 2022 20:20

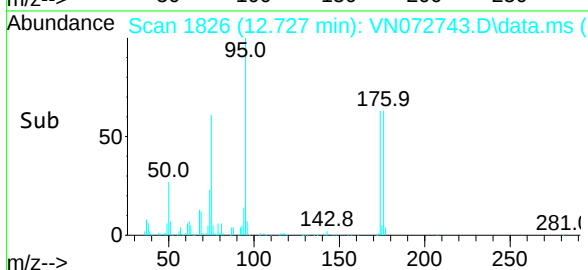
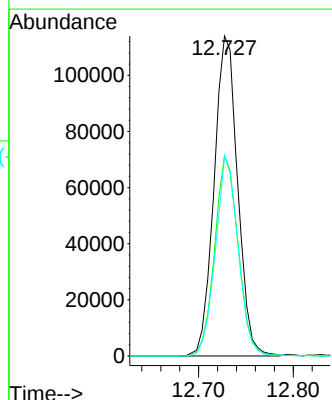
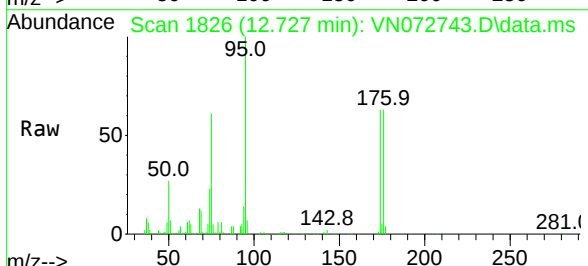
Tgt Ion: 95 Resp: 196882

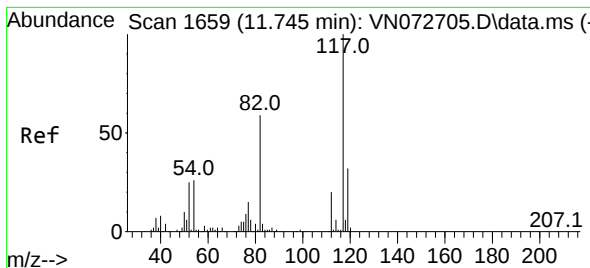
Ion Ratio Lower Upper

95 100

174 62.6 0.0 167.6

176 60.3 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072743.D

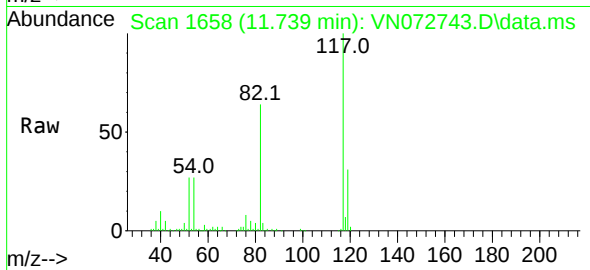
Acq: 09 Jun 2022 20:20

Instrument :

MSVOA_N

ClientSampleId :

33RD-AVE-CASING-10



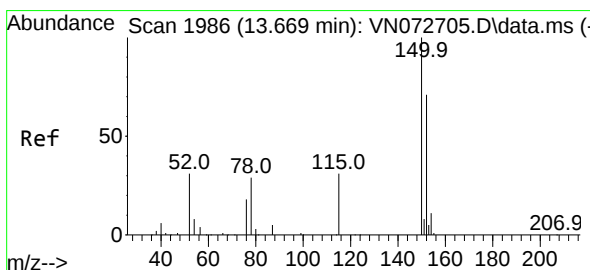
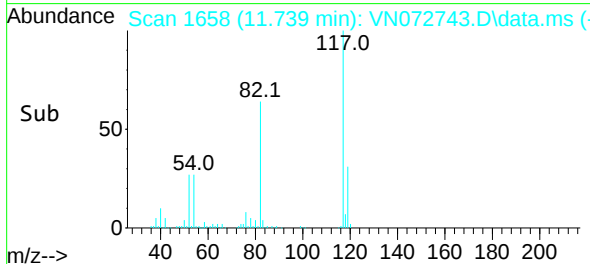
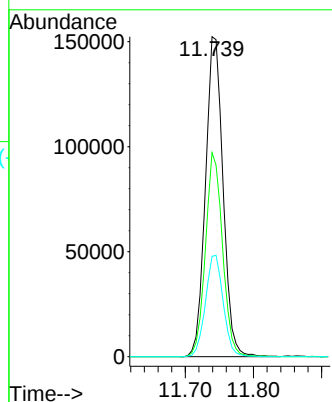
Tgt Ion:117 Resp: 273416

Ion Ratio Lower Upper

117 100

82 63.8 44.2 66.2

119 31.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.674 min Scan# 1987

Delta R.T. 0.005 min

Lab File: VN072743.D

Acq: 09 Jun 2022 20:20

Tgt Ion:152 Resp: 98253

Ion Ratio Lower Upper

152 100

115 70.9 28.9 86.7

150 162.8 0.0 356.2

