

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011922\
 Data File : VD071743.D
 Acq On : 19 Jan 2022 14:45
 Operator : VA/SY
 Sample : N1172-01RE
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EME-TS-3RE

Quant Time: Jan 20 04:58:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

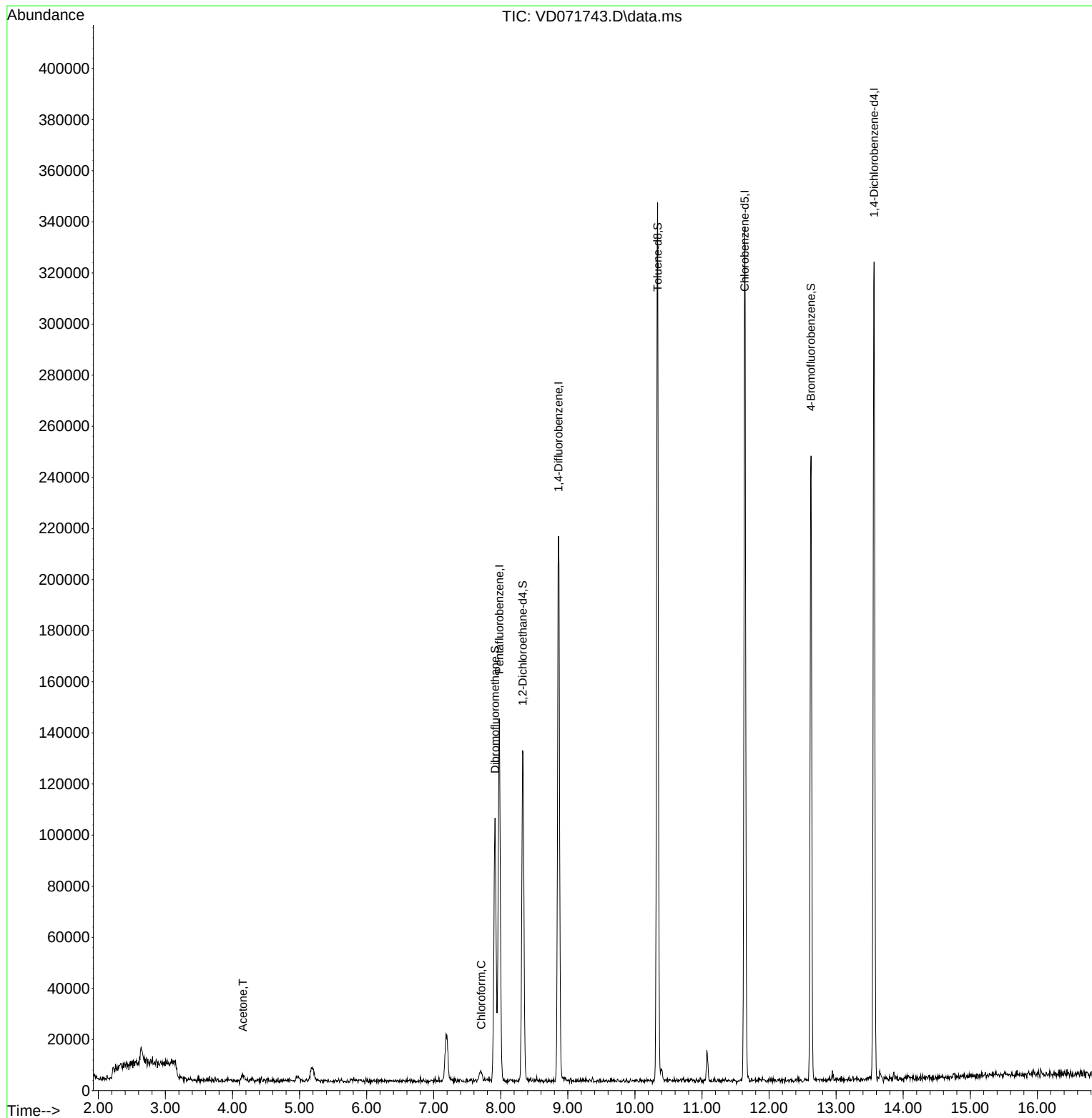
Internal Standards						
1) Pentafluorobenzene	7.979	168	93656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	171025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	172612	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	76131	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	103477	85.867	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.740%#	
35) Dibromofluoromethane	7.914	113	69642	61.616	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.240%	
50) Toluene-d8	10.338	98	218504	51.644	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.280%	
62) 4-Bromofluorobenzene	12.626	95	78109	52.391	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.156	43	4849	17.428	ug/l #	77
30) Chloroform	7.708	83	2427	1.163	ug/l #	76

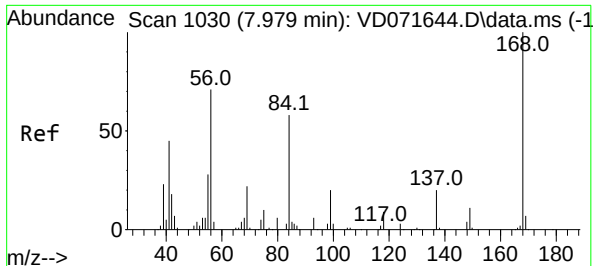
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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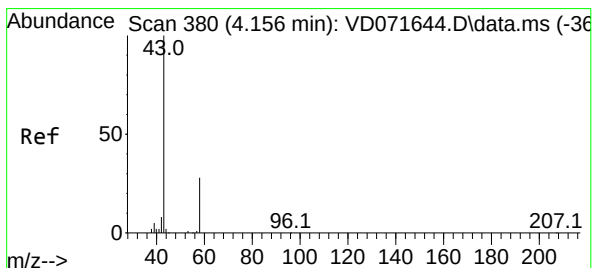
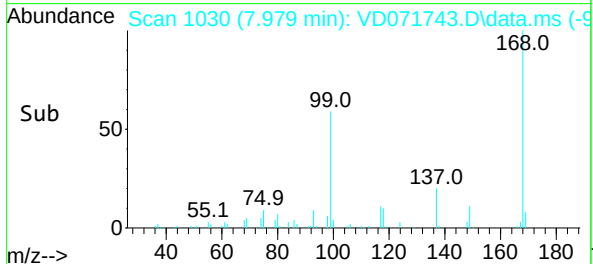
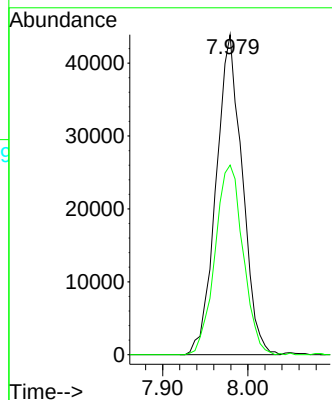
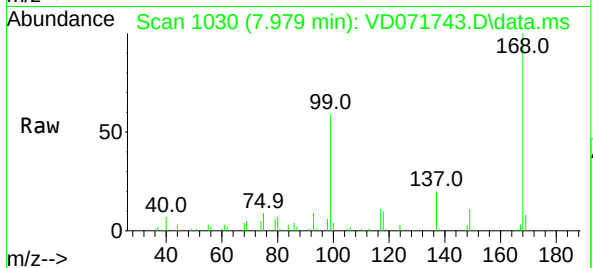




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

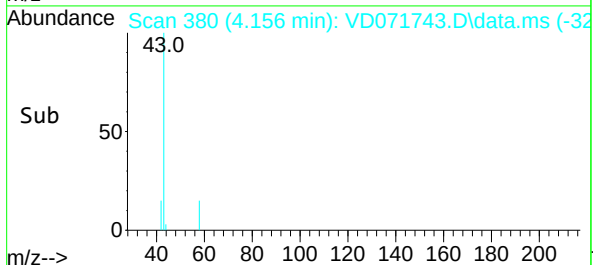
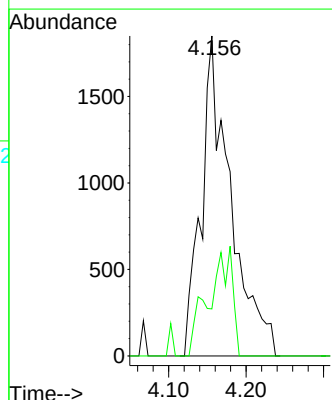
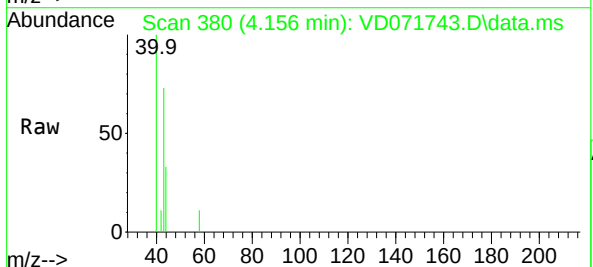
Instrument :
MSVOA_D
ClientSampleId :
EME-TS-3RE

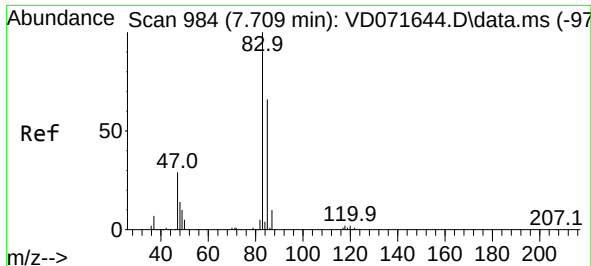
Tgt Ion:168 Resp: 93656
Ion Ratio Lower Upper
168 100
99 59.2 51.8 77.6



#16
Acetone
Concen: 17.428 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion: 43 Resp: 4849
Ion Ratio Lower Upper
43 100
58 14.7 21.0 31.6#

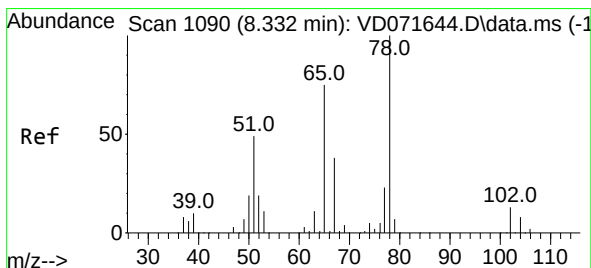
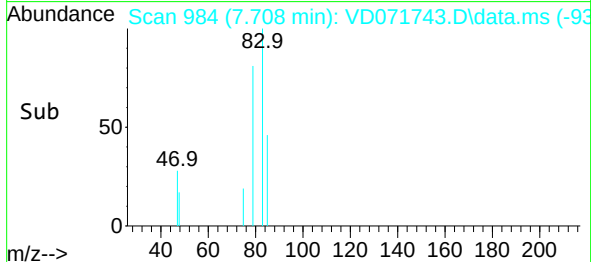
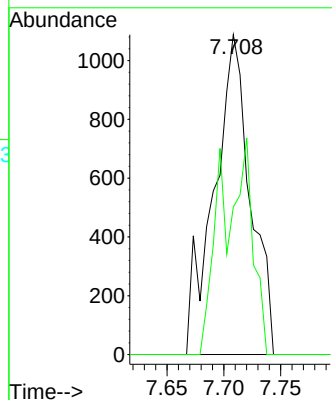
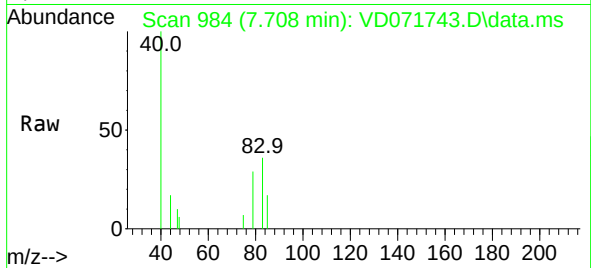




#30
Chloroform
Concen: 1.163 ug/l
RT: 7.708 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

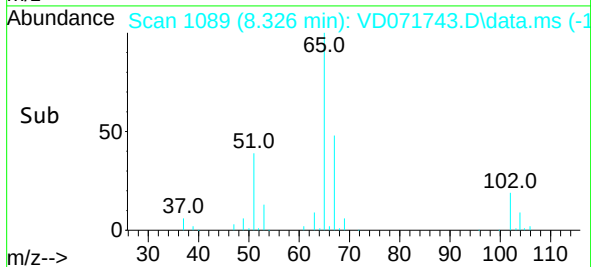
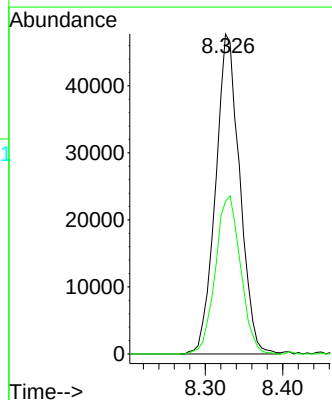
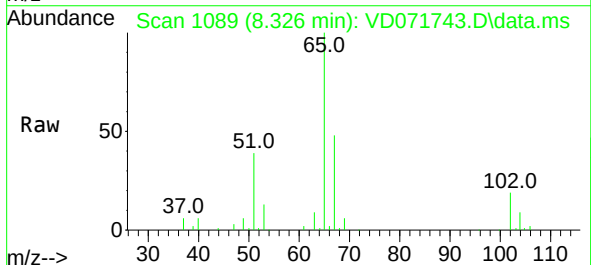
Instrument :
MSVOA_D
ClientSampleId :
EME-TS-3RE

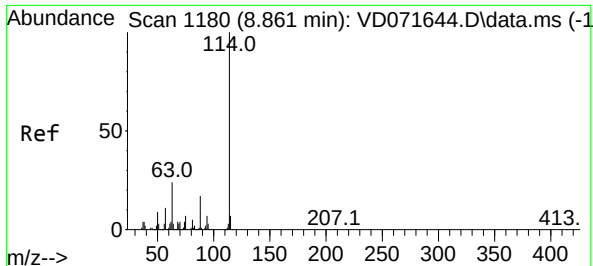
Tgt Ion: 83 Resp: 2427
Ion Ratio Lower Upper
83 100
85 46.1 52.4 78.6#



#33
1,2-Dichloroethane-d4
Concen: 85.867 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion: 65 Resp: 103477
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

EME-TS-3RE

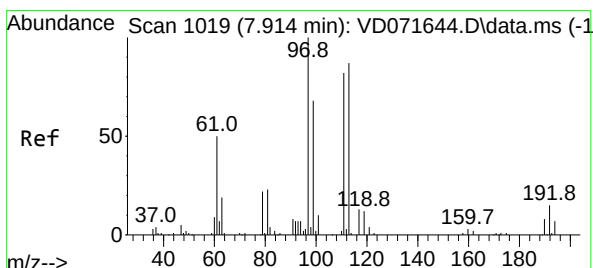
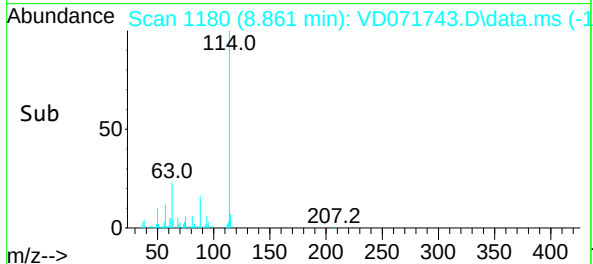
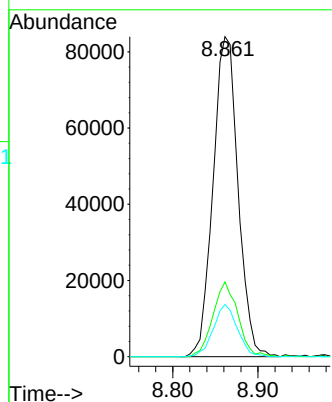
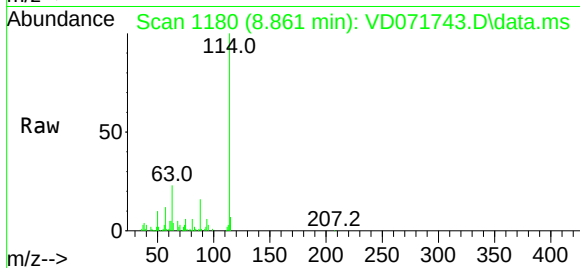
Tgt Ion:114 Resp: 171025

Ion Ratio Lower Upper

114 100

63 23.3 0.0 46.2

88 16.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 61.616 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

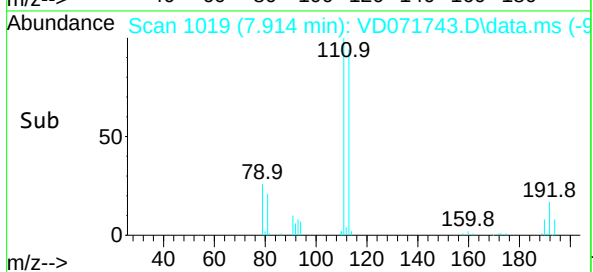
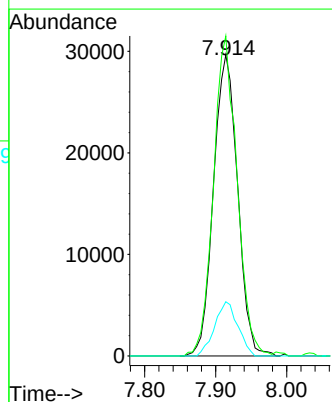
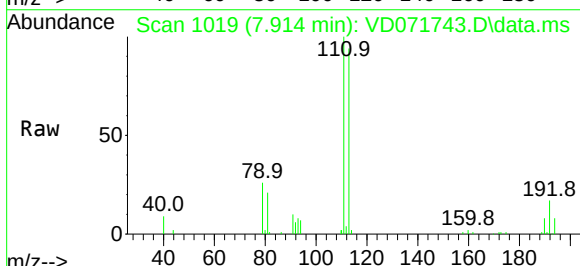
Tgt Ion:113 Resp: 69642

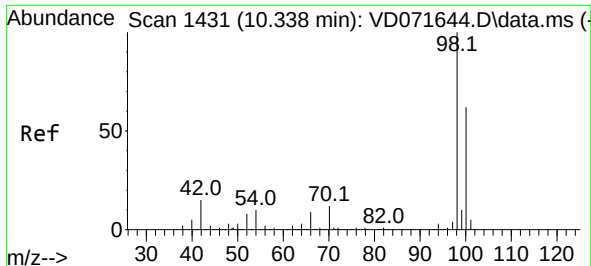
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 17.3 14.2 21.2

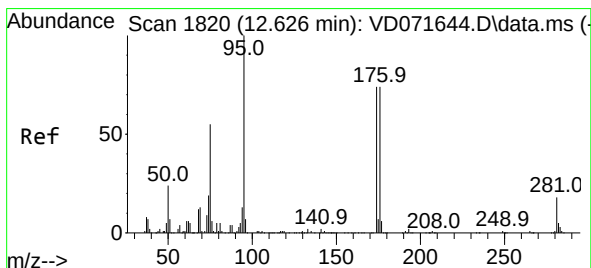
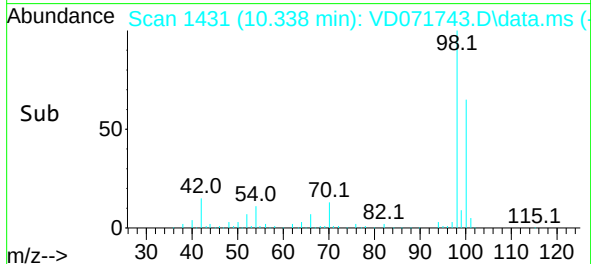
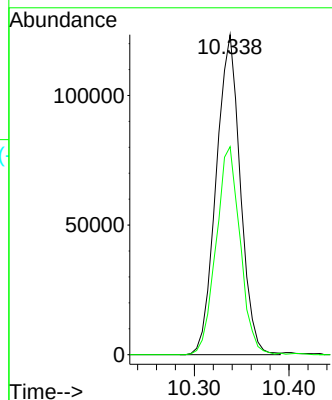
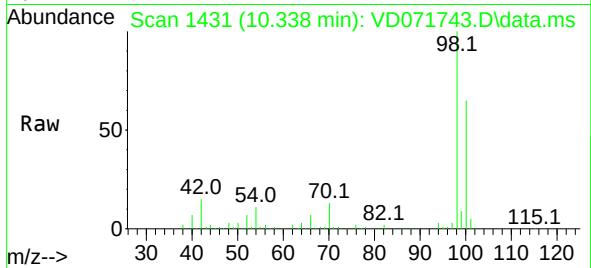




#50
Toluene-d8
Concen: 51.644 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

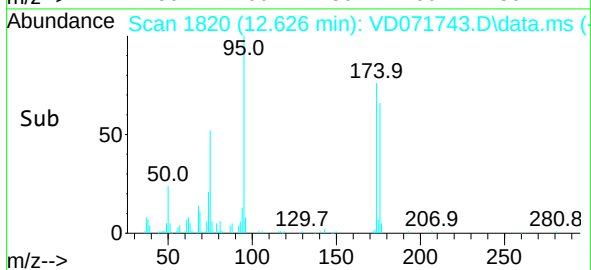
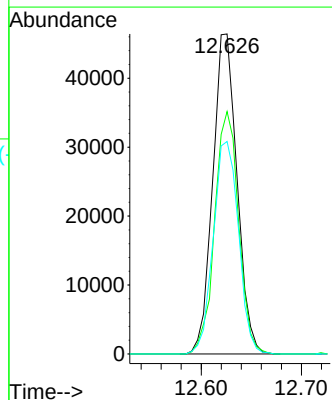
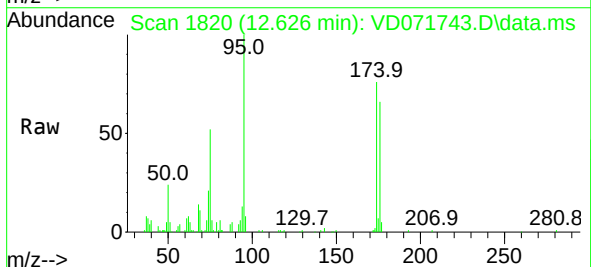
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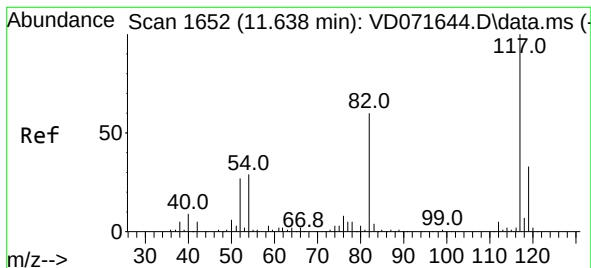
Tgt Ion: 98 Resp: 218504
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 52.391 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071743.D
Acq: 19 Jan 2022 14:45

Tgt Ion: 95 Resp: 78109
Ion Ratio Lower Upper
95 100
174 74.8 0.0 150.0
176 68.9 0.0 146.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

Instrument :

MSVOA_D

ClientSampleId :

EME-TS-3RE

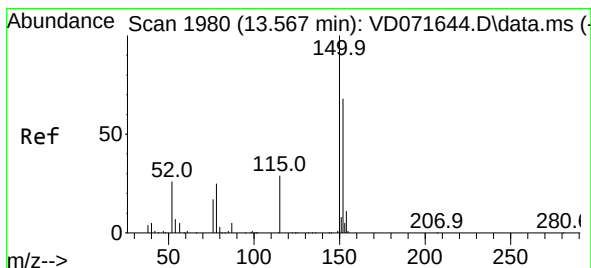
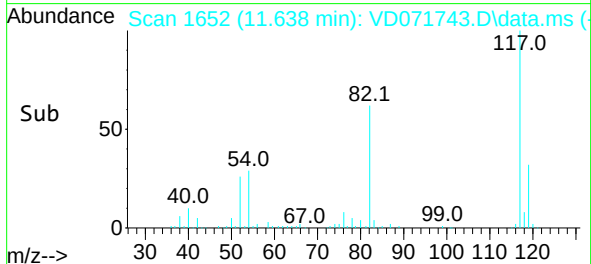
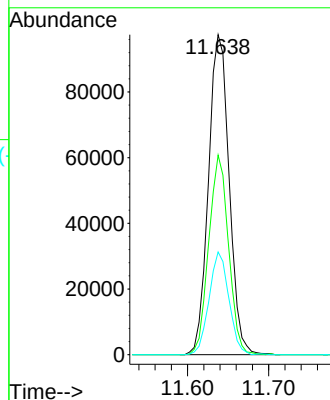
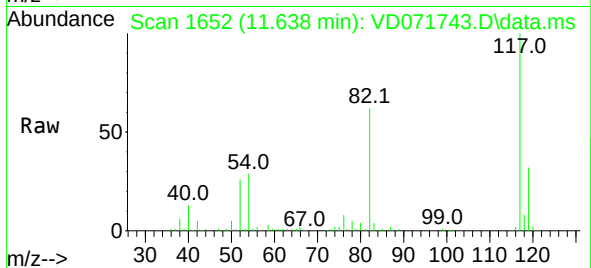
Tgt Ion:117 Resp: 172612

Ion Ratio Lower Upper

117 100

82 62.3 46.9 70.3

119 32.1 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.567 min Scan# 1980

Delta R.T. -0.000 min

Lab File: VD071743.D

Acq: 19 Jan 2022 14:45

Tgt Ion:152 Resp: 76131

Ion Ratio Lower Upper

152 100

115 61.7 31.5 94.5

150 162.8 0.0 348.0

