

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070405.D
 Acq On : 21 Sep 2021 15:39
 Operator : VA/SY
 Sample : M3823-01
 Misc : 10.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DKM-ENV-IG-COMP

Quant Time: Sep 22 01:48:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

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

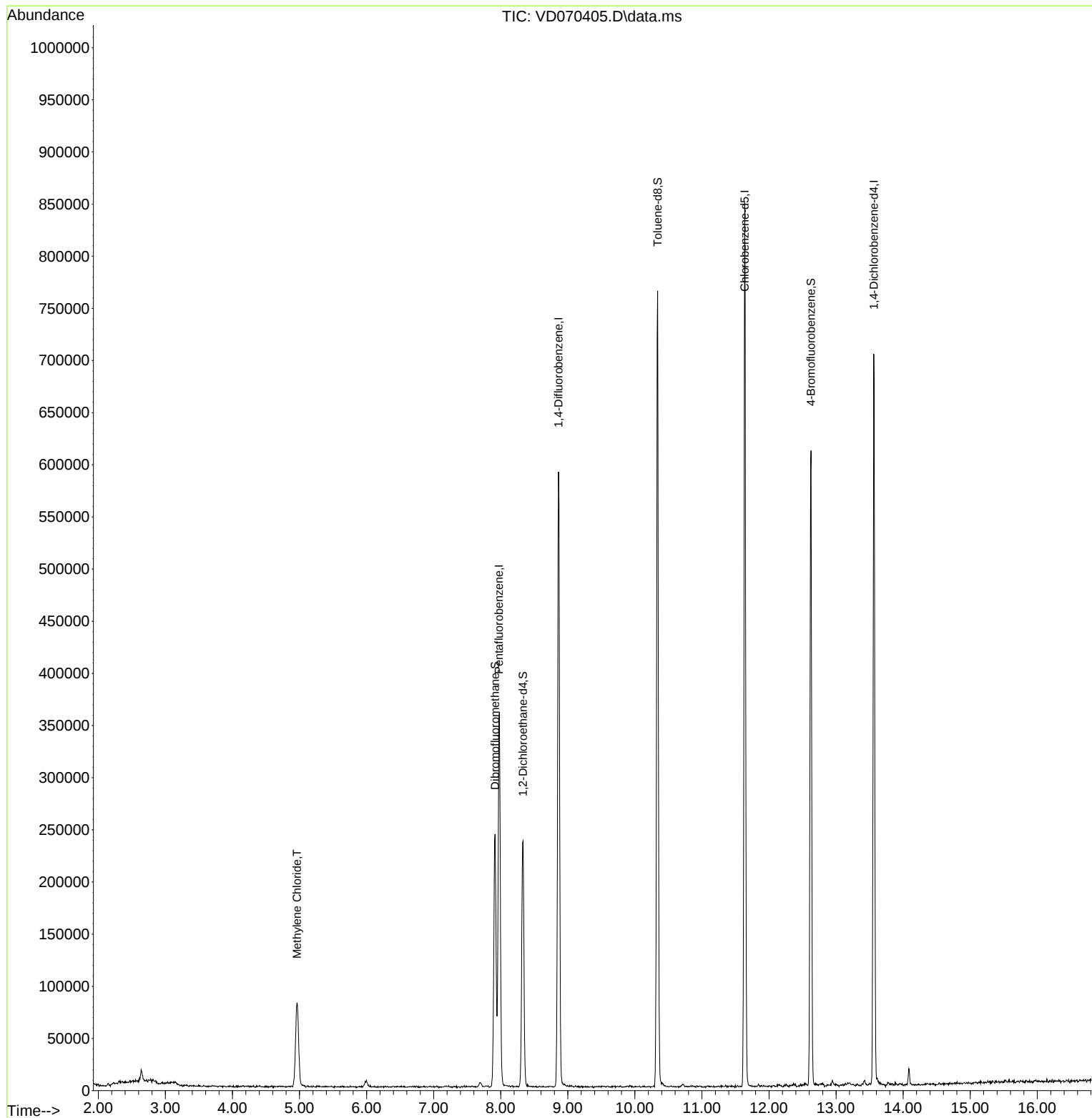
Internal Standards						
1) Pentafluorobenzene	7.973	168	252227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	188204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	192794	59.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.060%
35) Dibromofluoromethane	7.914	113	180335	49.835	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.660%
50) Toluene-d8	10.338	98	524890	39.951	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.900%
62) 4-Bromofluorobenzene	12.626	95	171489	37.347	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	74.700%
Target Compounds						
20) Methylene Chloride	4.962	84	67403	13.388	ug/l	Qvalue 97

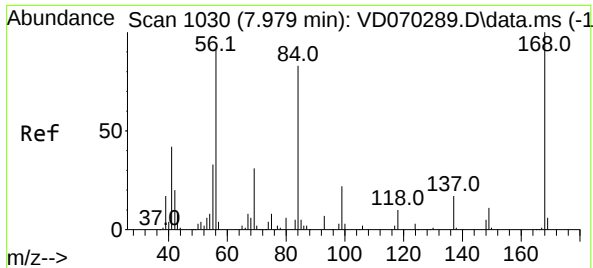
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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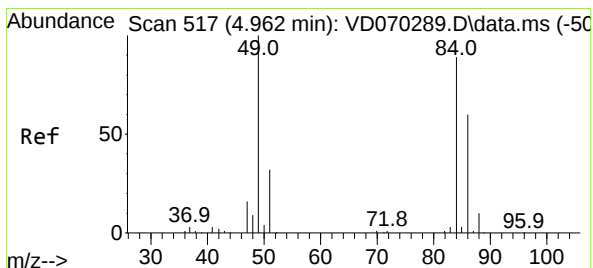
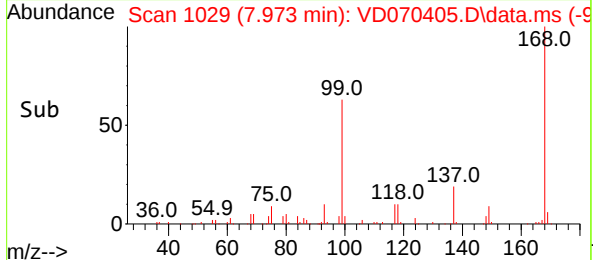
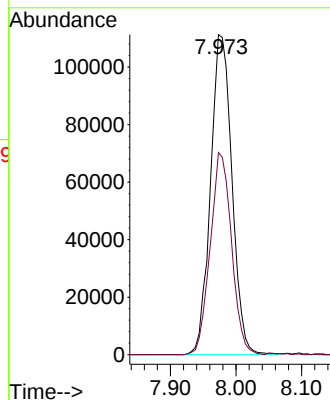
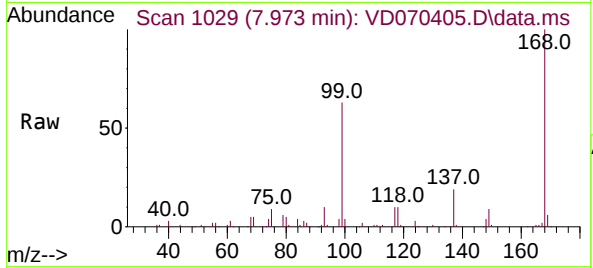




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

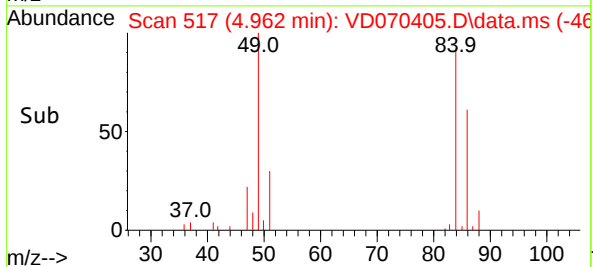
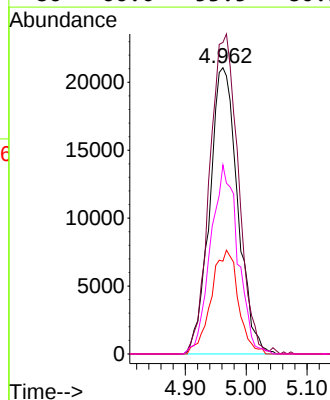
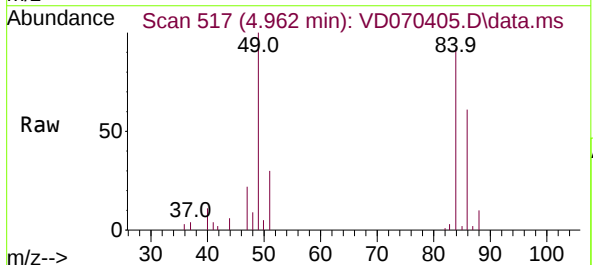
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-COMP

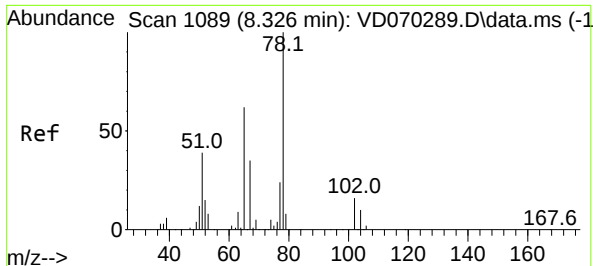
Tgt Ion:168 Resp: 252227
Ion Ratio Lower Upper
168 100
99 63.2 50.8 76.2



#20
Methylene Chloride
Concen: 13.388 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion: 84 Resp: 67403
Ion Ratio Lower Upper
84 100
49 108.8 89.6 134.4
51 32.4 28.6 43.0
86 66.0 53.5 80.3



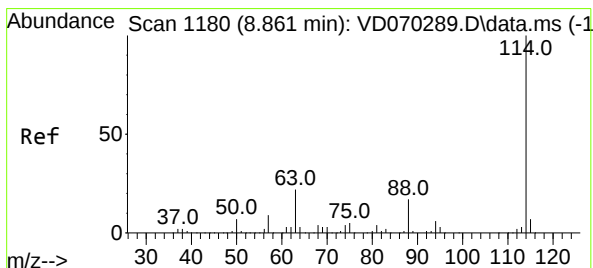
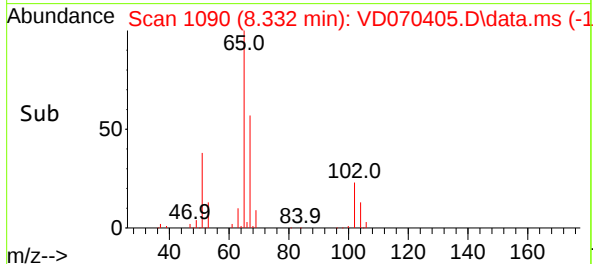
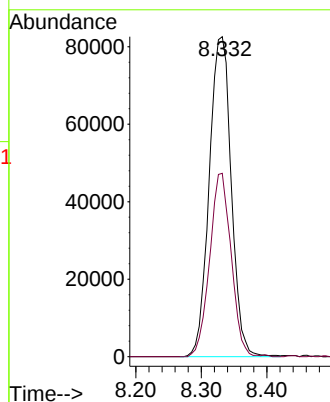
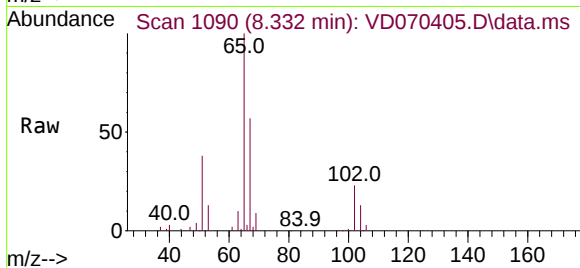


#33

1,2-Dichloroethane-d4
Concen: 59.529 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-COMP

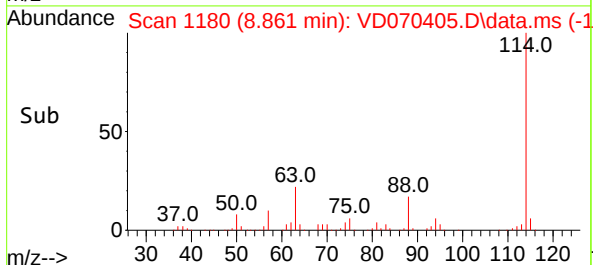
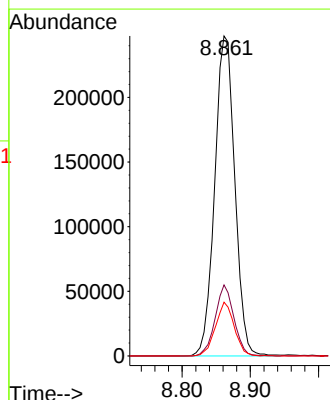
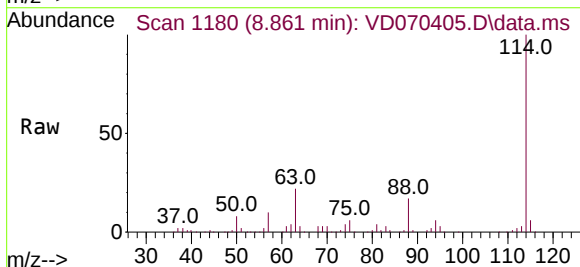
Tgt Ion: 65 Resp: 192794
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.4

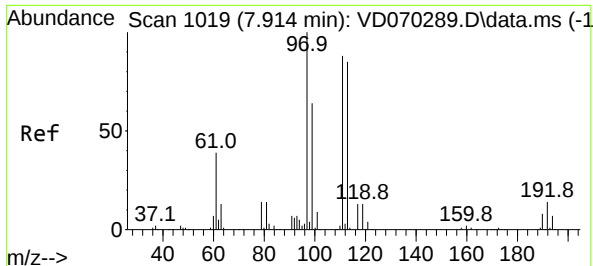


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

Tgt Ion: 114 Resp: 508371
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.4
88 16.8 0.0 33.4





#35

Dibromofluoromethane

Concen: 49.835 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070405.D

Acq: 21 Sep 2021 15:39

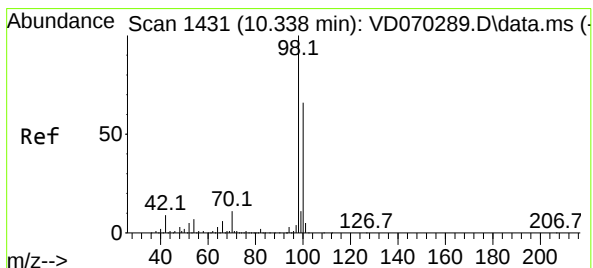
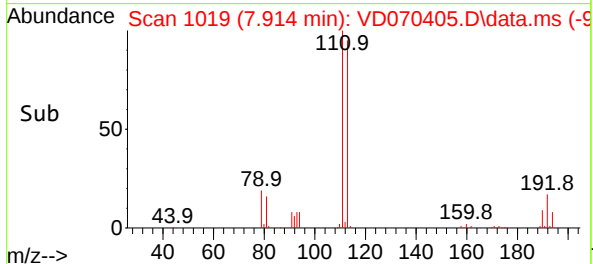
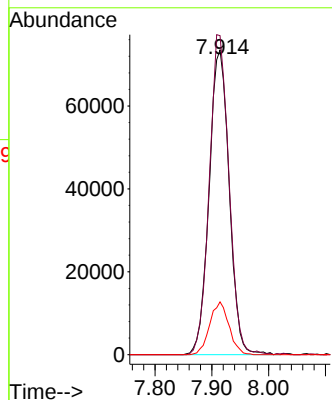
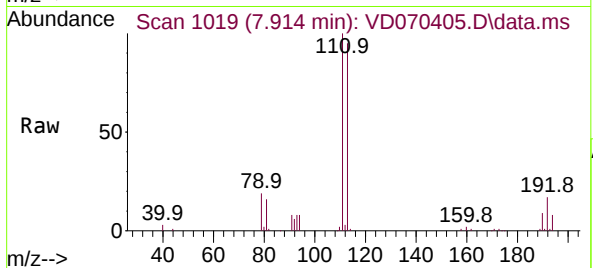
Tgt Ion:113 Resp: 180335

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.2

192 16.6 13.0 19.6



#50

Toluene-d8

Concen: 39.951 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD070405.D

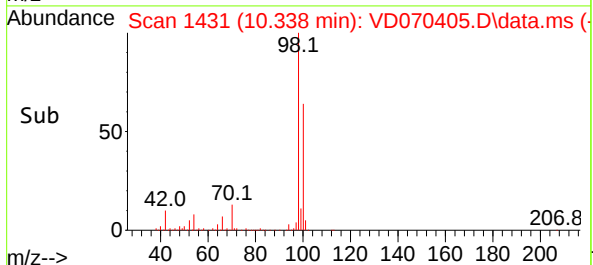
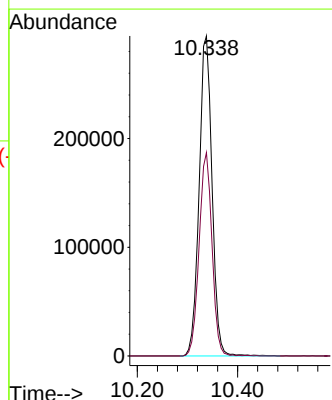
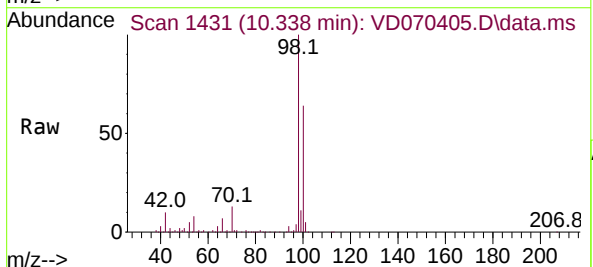
Acq: 21 Sep 2021 15:39

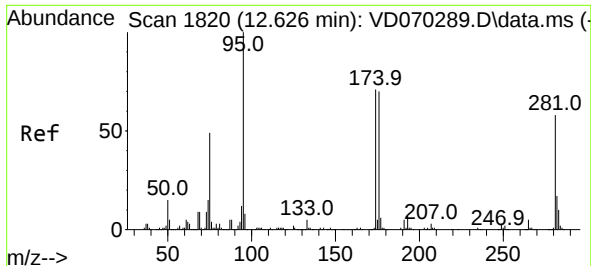
Tgt Ion: 98 Resp: 524890

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

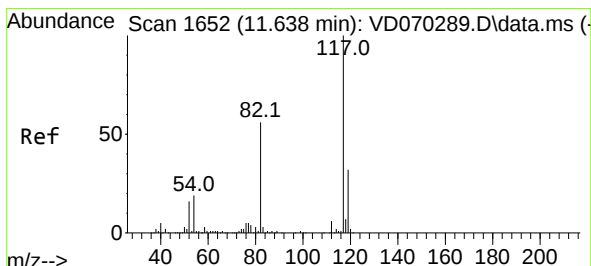
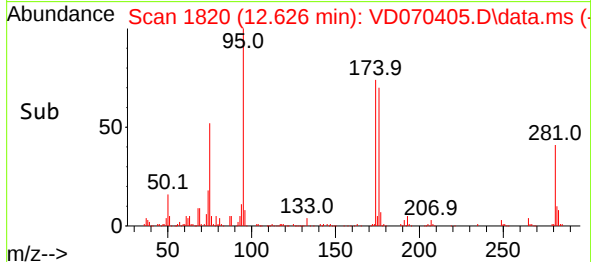
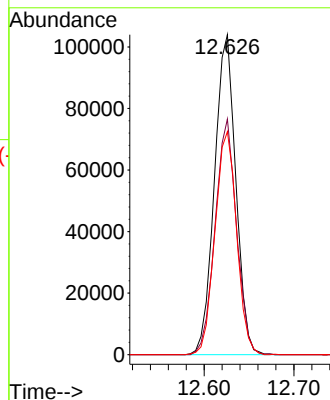
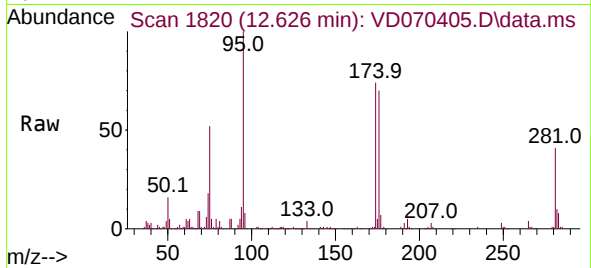




#62
4-Bromofluorobenzene
Concen: 37.347 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

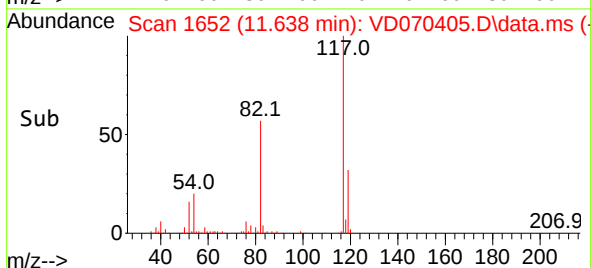
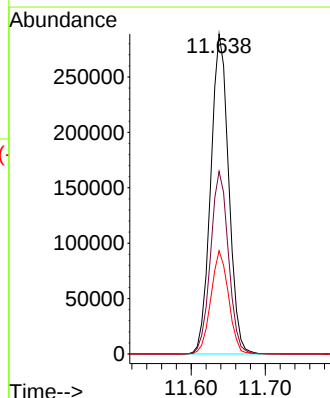
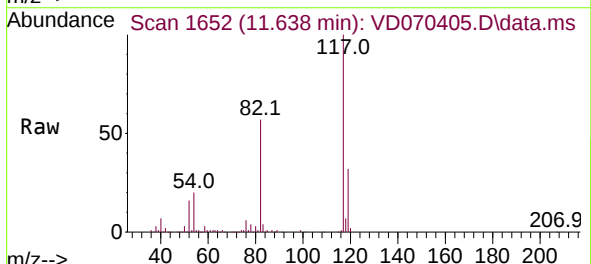
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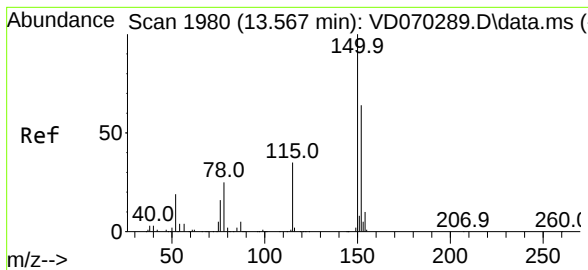
Tgt Ion: 95 Resp: 171489
Ion Ratio Lower Upper
95 100
174 74.0 0.0 140.6
176 70.7 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070405.D
Acq: 21 Sep 2021 15:39

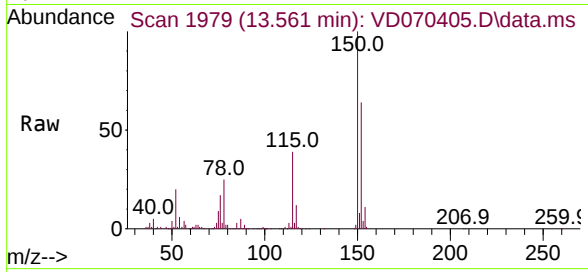
Tgt Ion: 117 Resp: 485936
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070405.D
 Acq: 21 Sep 2021 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 DKM-ENV-IG-COMP



Tgt Ion:152 Resp: 188204
 Ion Ratio Lower Upper
 152 100
 115 61.7 32.1 96.3
 150 156.5 0.0 350.6

