

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092121\
 Data File : VD070406.D
 Acq On : 21 Sep 2021 16:07
 Operator : VA/SY
 Sample : M3823-03
 Misc : 10.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Sep 22 01:48:11 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)

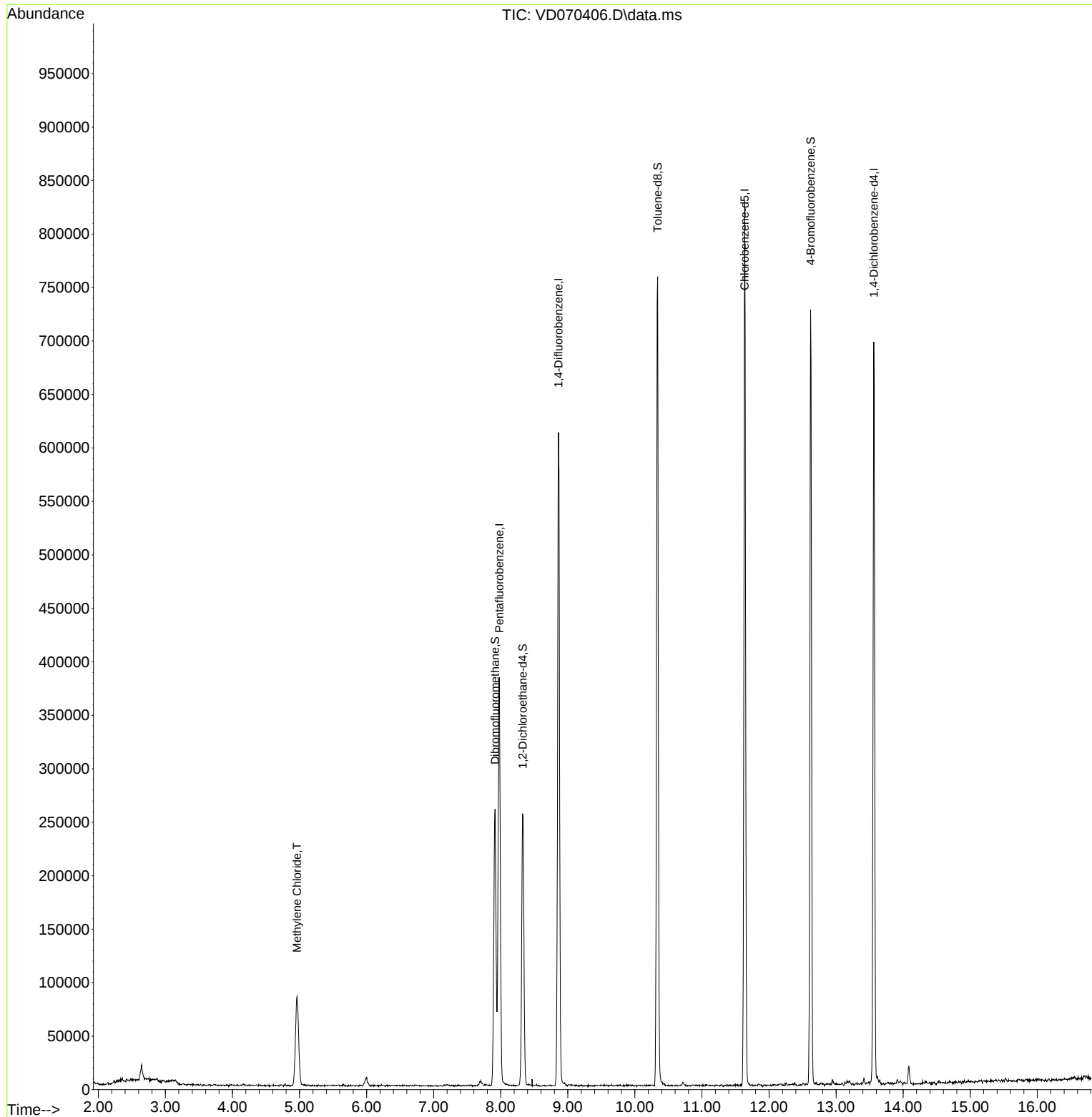
Internal Standards						
1) Pentafluorobenzene	7.979	168	268085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	527736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	485408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	186748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	205559	59.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.440%
35) Dibromofluoromethane	7.914	113	190270	50.651	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.300%
50) Toluene-d8	10.338	98	525040	38.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	77.000%
62) 4-Bromofluorobenzene	12.620	95	182565	38.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.600%
Target Compounds						
20) Methylene Chloride	4.962	84	70537	13.051	ug/l	98

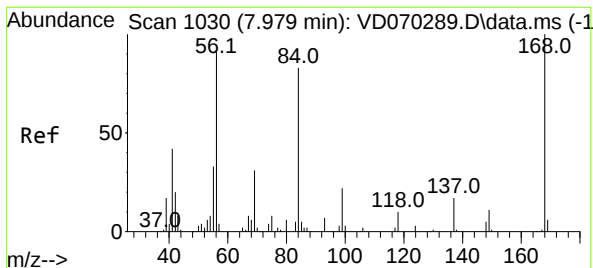
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD070406.D

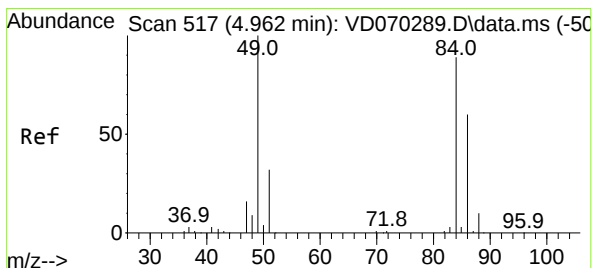
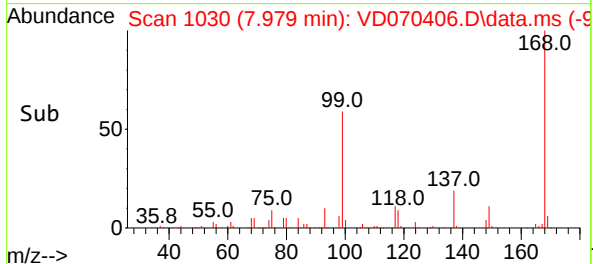
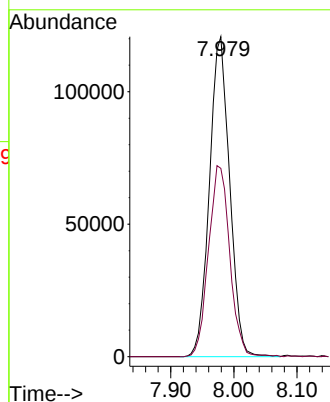
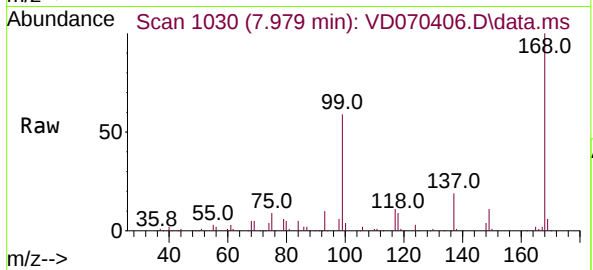
Acq: 21 Sep 2021 16:07

Tgt Ion:168 Resp: 268085

Ion Ratio Lower Upper

168 100

99 58.8 50.8 76.2



#20

Methylene Chloride

Concen: 13.051 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD070406.D

Acq: 21 Sep 2021 16:07

Tgt Ion: 84 Resp: 70537

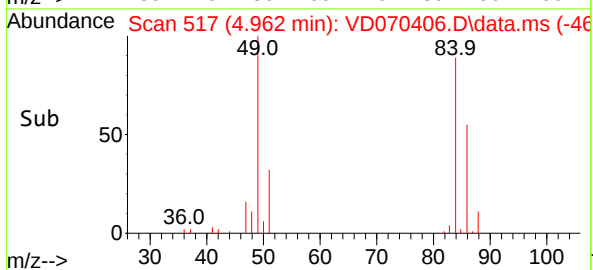
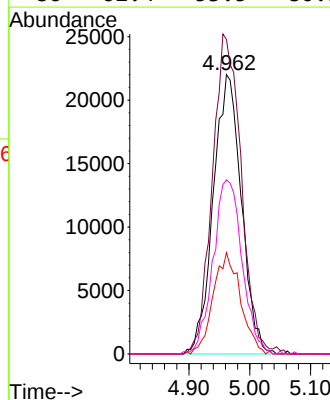
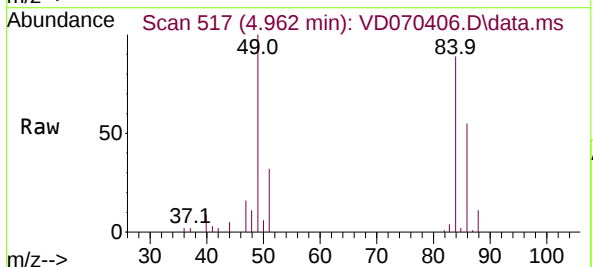
Ion Ratio Lower Upper

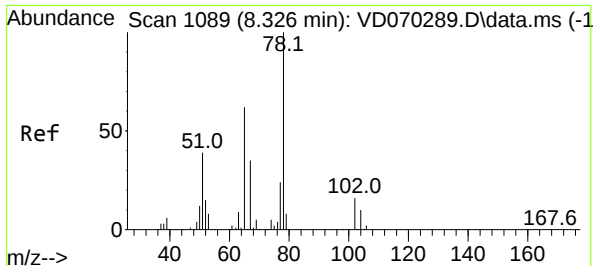
84 100

49 112.6 89.6 134.4

51 36.3 28.6 43.0

86 62.4 53.5 80.3



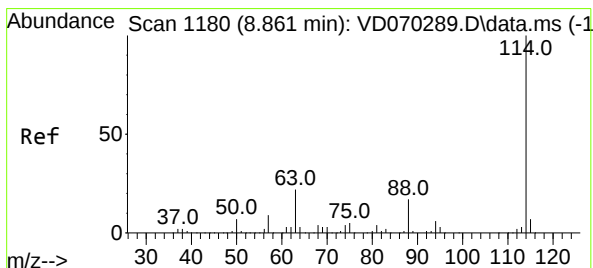
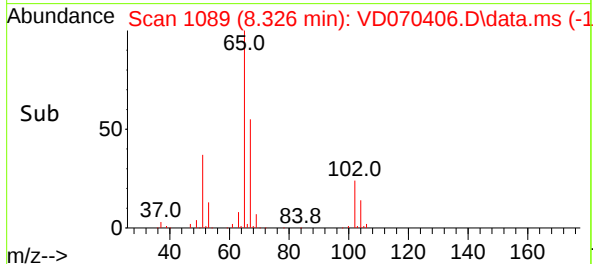
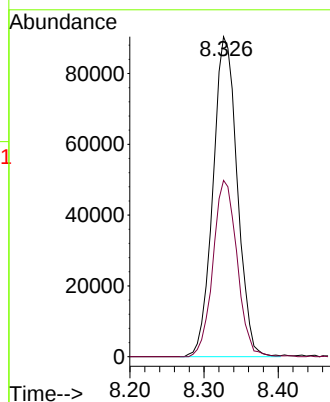
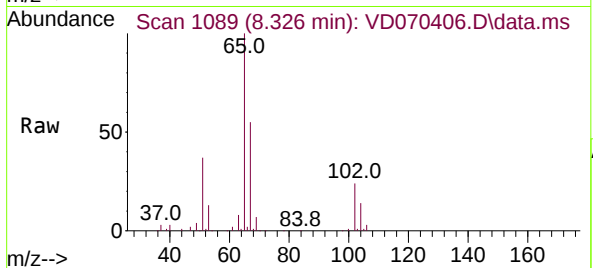


#33

1,2-Dichloroethane-d4
Concen: 59.716 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

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

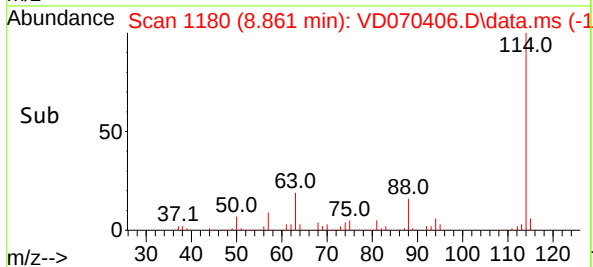
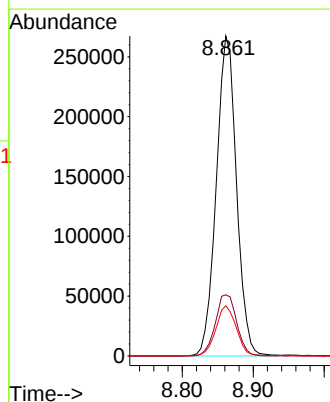
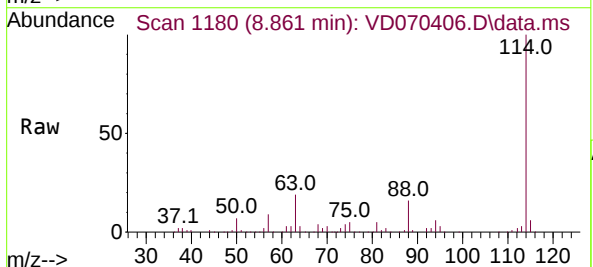
Tgt Ion: 65 Resp: 205559
Ion Ratio Lower Upper
65 100
67 54.5 0.0 111.4

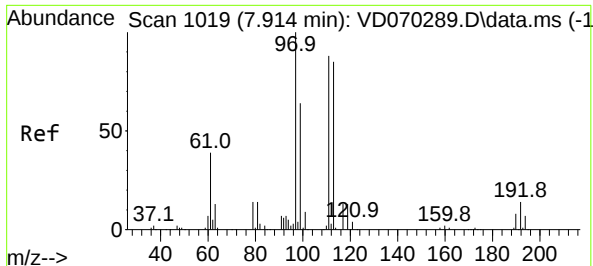


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 114 Resp: 527736
Ion Ratio Lower Upper
114 100
63 19.1 0.0 43.4
88 15.7 0.0 33.4

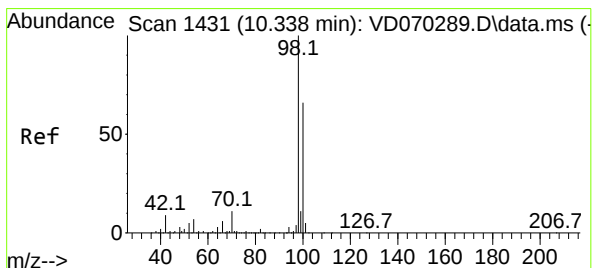
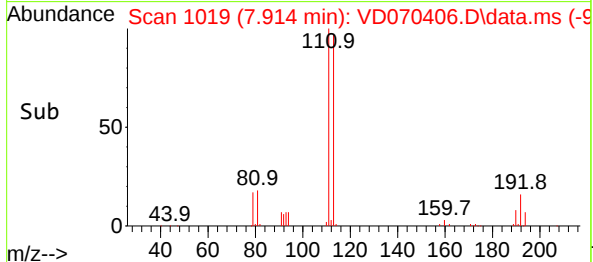
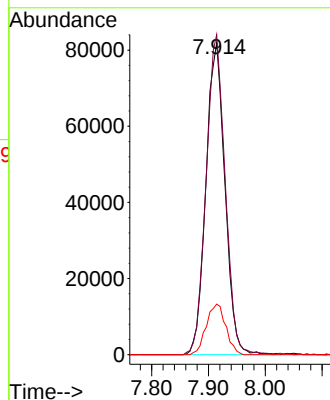
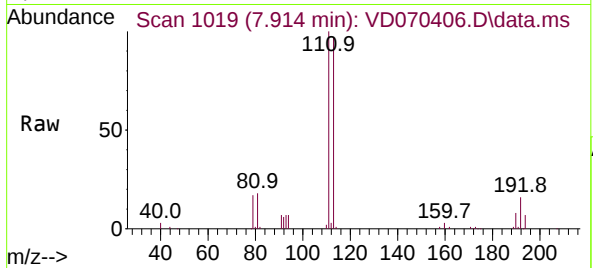




#35
Dibromofluoromethane
Concen: 50.651 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

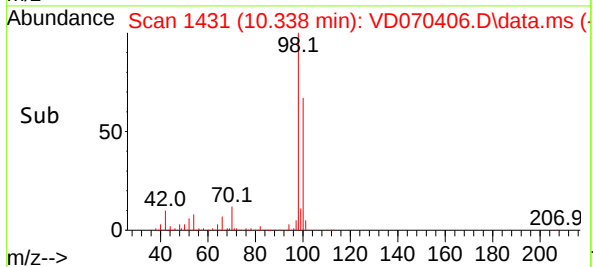
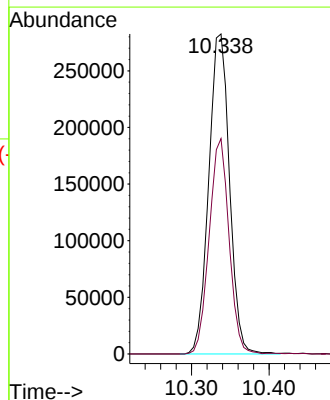
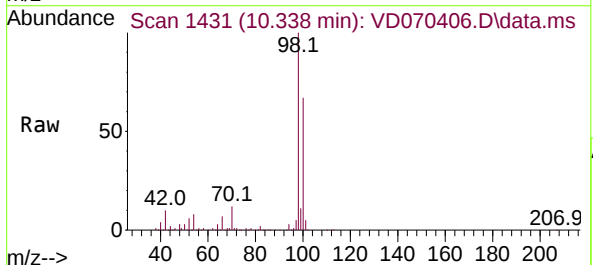
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

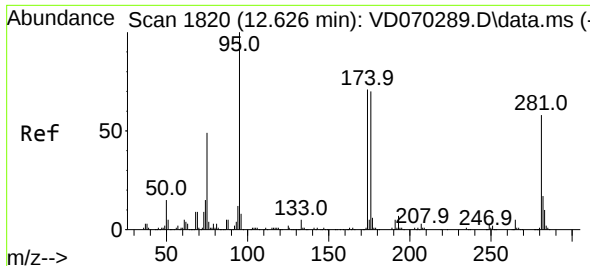
Tgt Ion:113 Resp: 190270
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 16.6 13.0 19.6



#50
Toluene-d8
Concen: 38.496 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

Tgt Ion: 98 Resp: 525040
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0

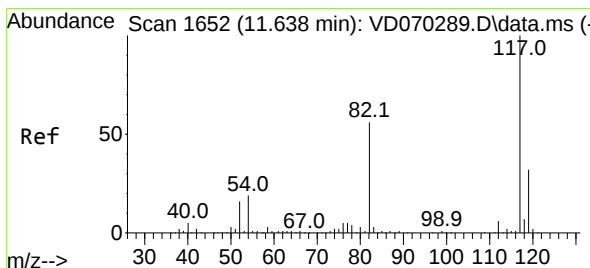
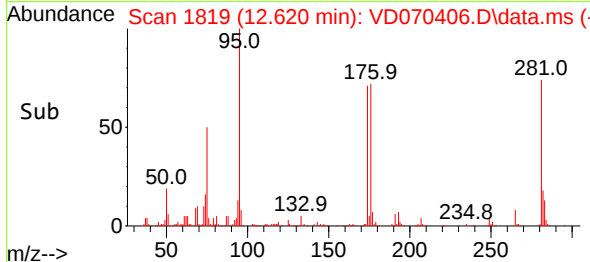
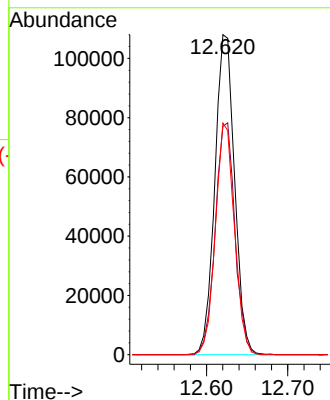
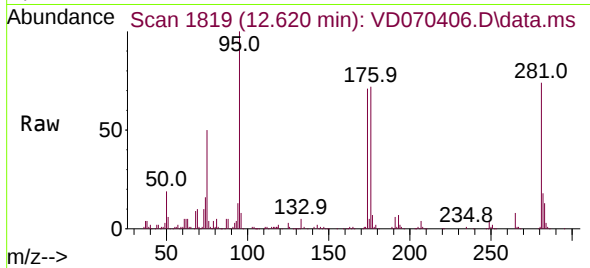




#62
4-Bromofluorobenzene
Concen: 38.301 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

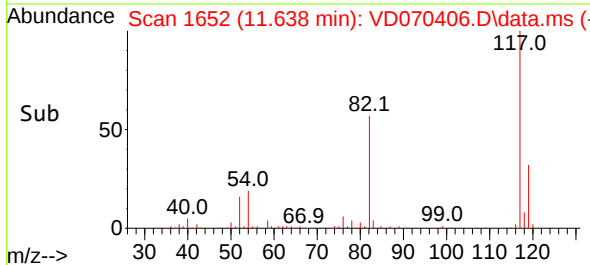
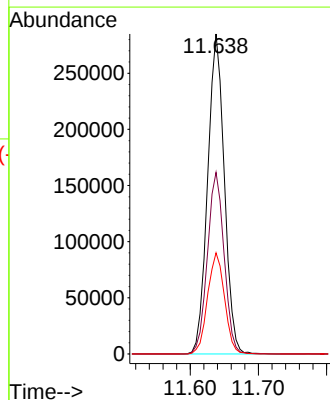
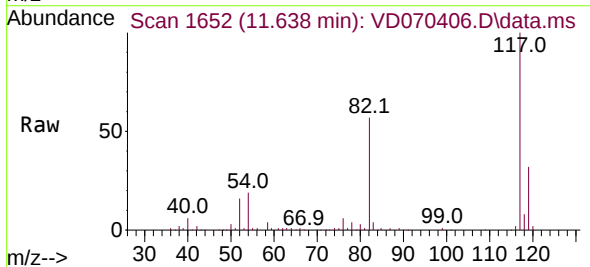
Instrument :
MSVOA_D
ClientSampleId :
DKM-ENV-IG-GRAB

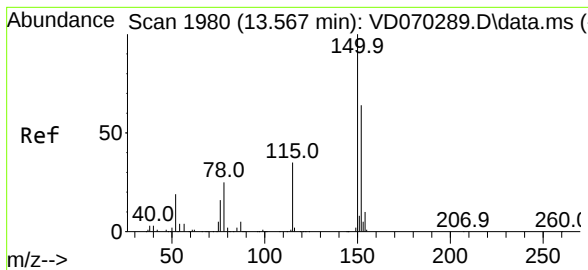
Tgt Ion: 95 Resp: 182565
Ion Ratio Lower Upper
95 100
174 72.4 0.0 140.6
176 69.9 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070406.D
Acq: 21 Sep 2021 16:07

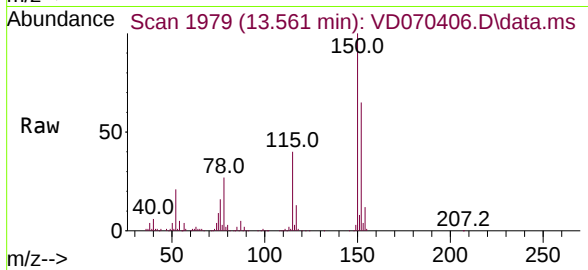
Tgt Ion: 117 Resp: 485408
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.4
119 31.6 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070406.D
 Acq: 21 Sep 2021 16:07

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



Tgt Ion:152 Resp: 186748
 Ion Ratio Lower Upper
 152 100
 115 62.9 32.1 96.3
 150 158.2 0.0 350.6

