

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092922\
 Data File : VY010730.D
 Acq On : 29 Sep 2022 14:51
 Operator : KP/MD
 Sample : N4815-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SAND-FILTER-1

Quant Time: Sep 30 08:20:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

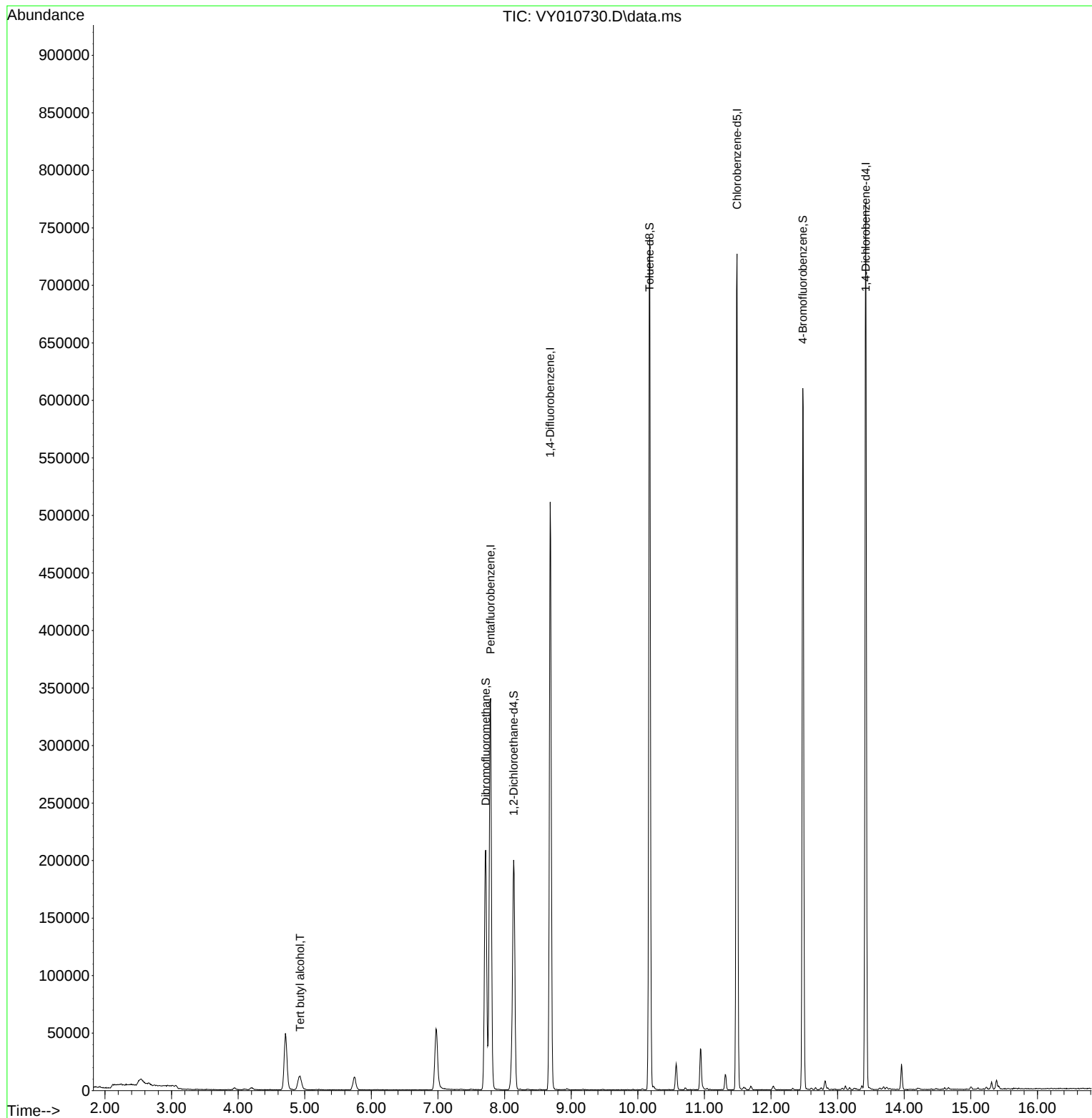
Internal Standards						
1) Pentafluorobenzene	7.789	168	271252	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	440235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	194665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	150305	57.933	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.860%
35) Dibromofluoromethane	7.716	113	149043	53.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.100%
50) Toluene-d8	10.179	98	488934	47.269	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.540%
62) 4-Bromofluorobenzene	12.477	95	181288	46.875	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.740%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	11880	41.877	ug/l #	80

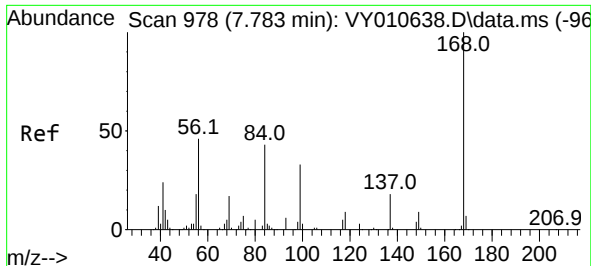
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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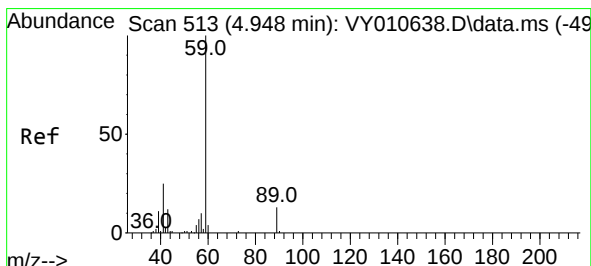
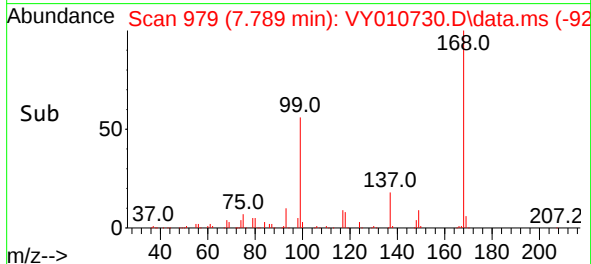
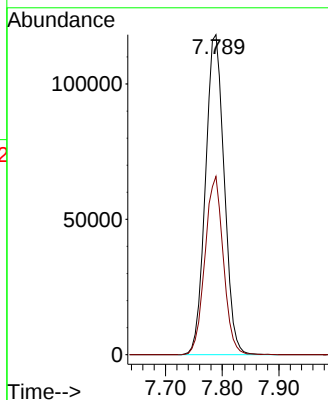
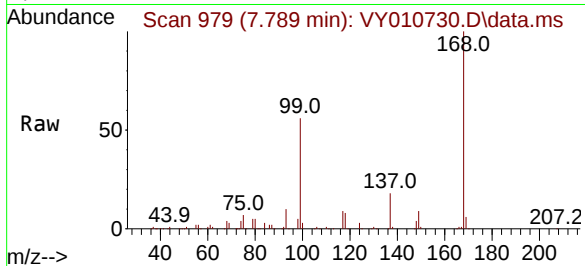




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010730.D
Acq: 29 Sep 2022 14:51

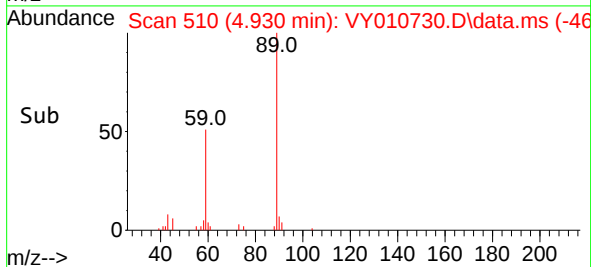
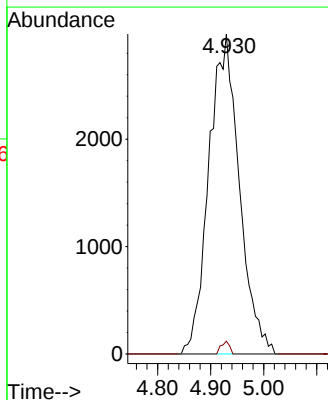
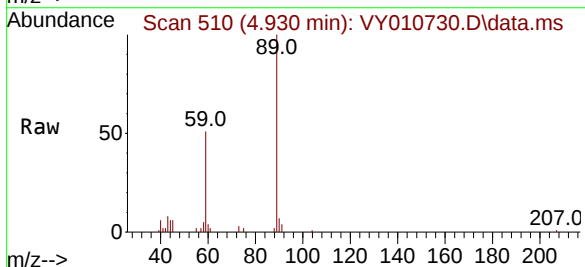
Instrument :
MSVOA_Y
ClientSampleId :
SAND-FILTER-1

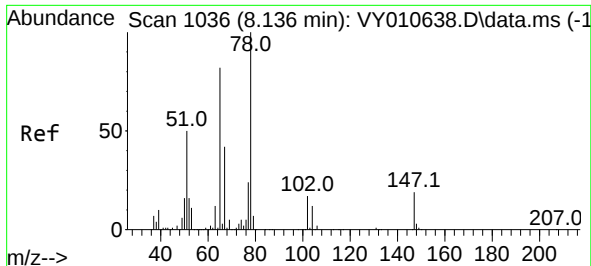
Tgt Ion:168 Resp: 271252
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 41.877 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.012 min
Lab File: VY010730.D
Acq: 29 Sep 2022 14:51

Tgt Ion: 59 Resp: 11880
Ion Ratio Lower Upper
59 100
57 1.1 6.4 9.6#





#33

1,2-Dichloroethane-d4

Concen: 57.933 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY010730.D

Acq: 29 Sep 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

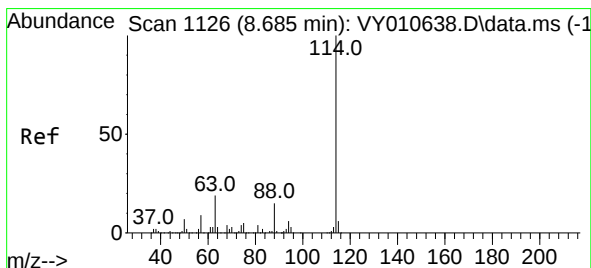
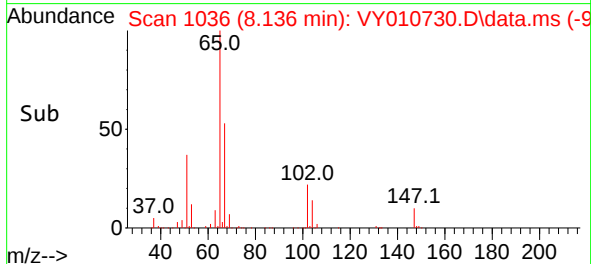
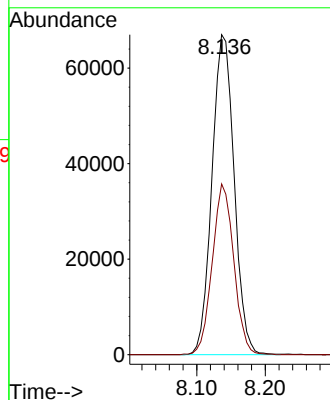
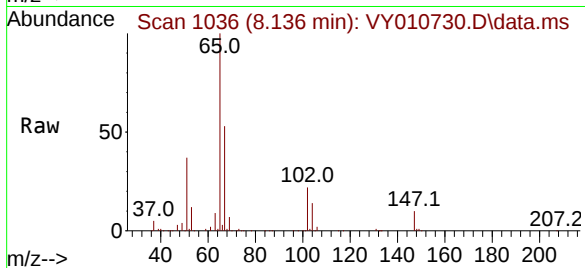
SAND-FILTER-1

Tgt Ion: 65 Resp: 150305

Ion Ratio Lower Upper

65 100

67 51.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010730.D

Acq: 29 Sep 2022 14:51

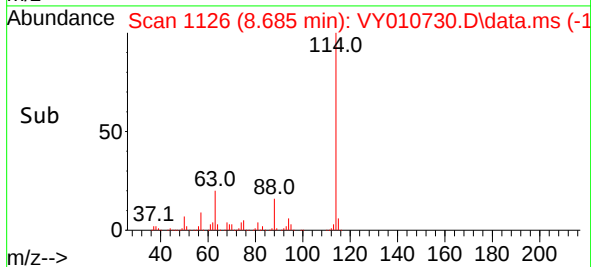
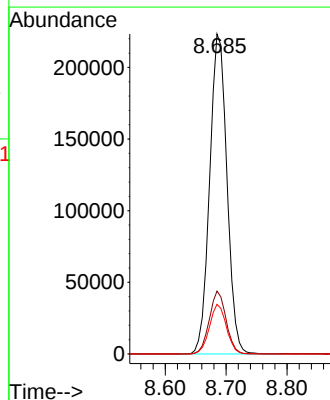
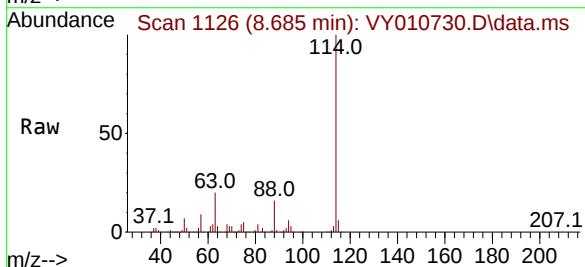
Tgt Ion: 114 Resp: 440235

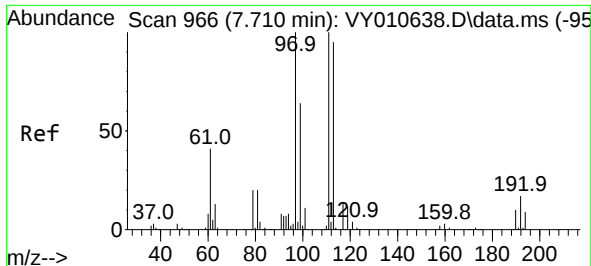
Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.2

88 15.5 0.0 31.8

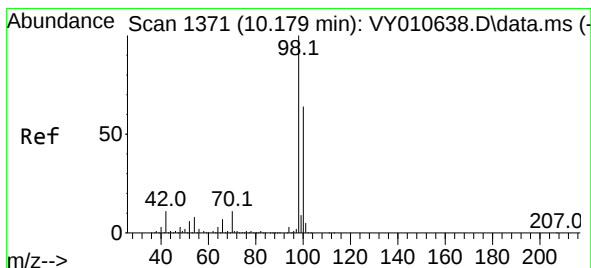
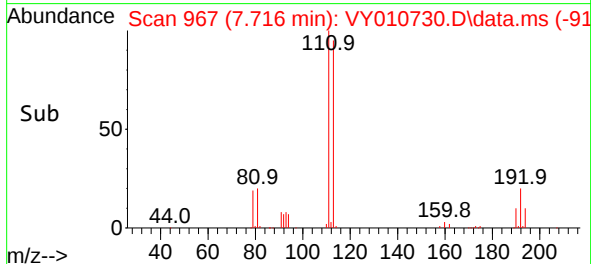
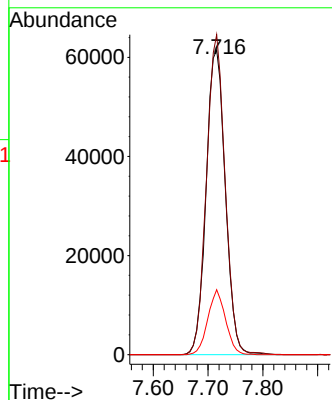
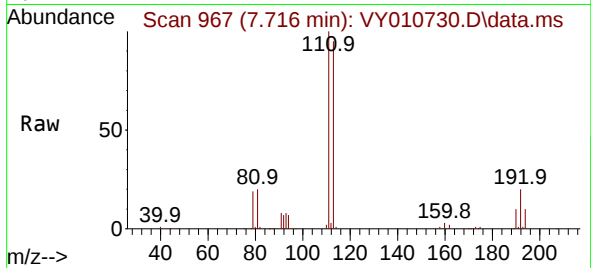




#35
 Dibromofluoromethane
 Concen: 53.048 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY010730.D
 Acq: 29 Sep 2022 14:51

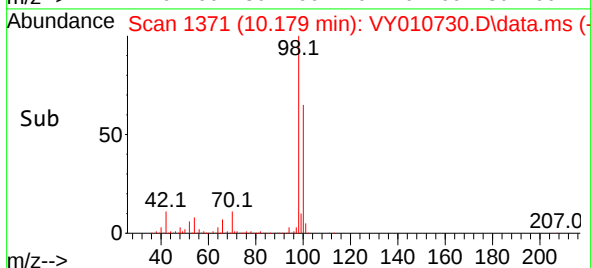
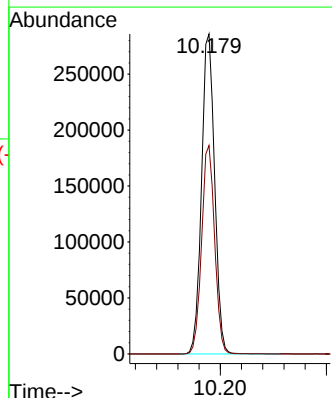
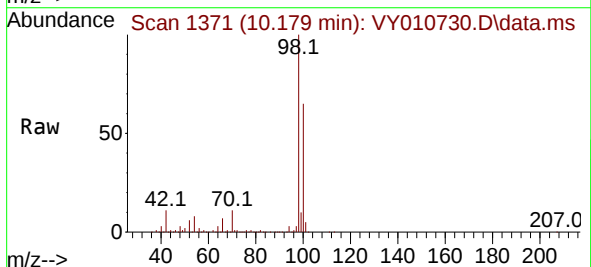
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 SAND-FILTER-1

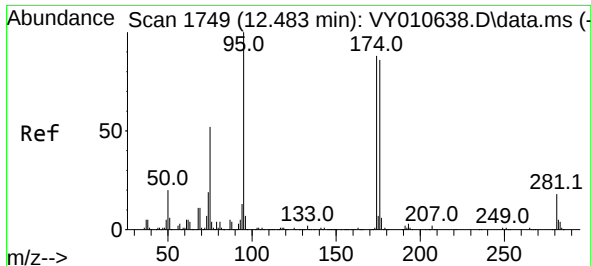
Tgt Ion:113 Resp: 149043
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.6 124.0
 192 19.8 17.6 26.4



#50
 Toluene-d8
 Concen: 47.269 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010730.D
 Acq: 29 Sep 2022 14:51

Tgt Ion: 98 Resp: 488934
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 46.875 ug/l

RT: 12.477 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010730.D

Acq: 29 Sep 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

SAND-FILTER-1

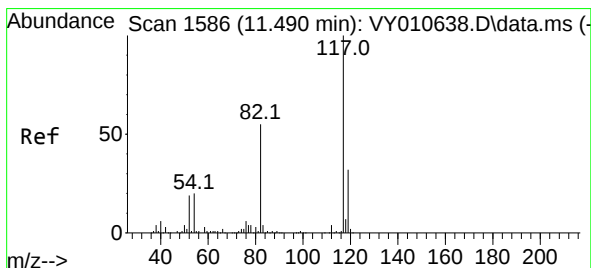
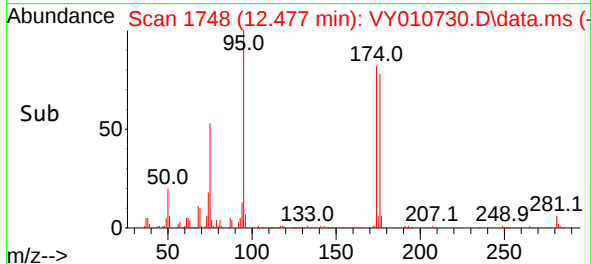
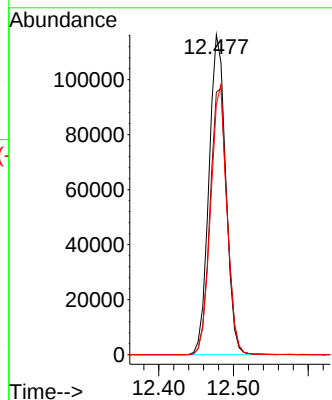
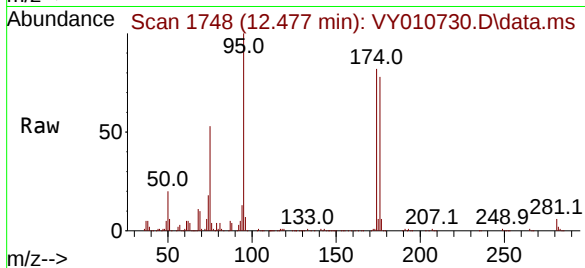
Tgt Ion: 95 Resp: 181288

Ion Ratio Lower Upper

95 100

174 84.3 0.0 177.0

176 81.8 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.001 min

Lab File: VY010730.D

Acq: 29 Sep 2022 14:51

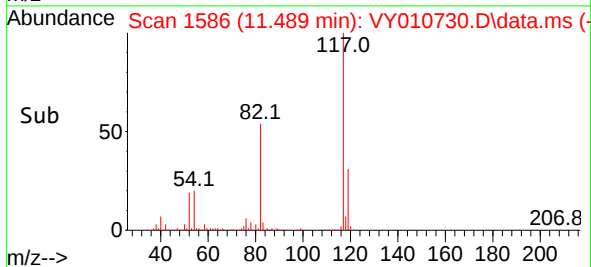
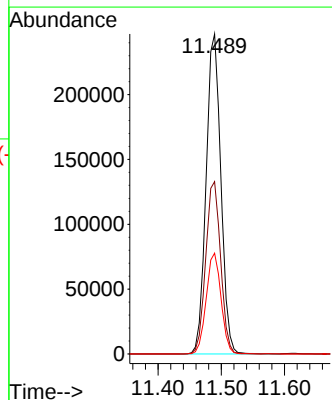
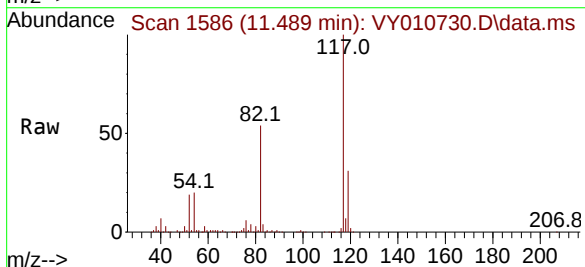
Tgt Ion: 117 Resp: 400530

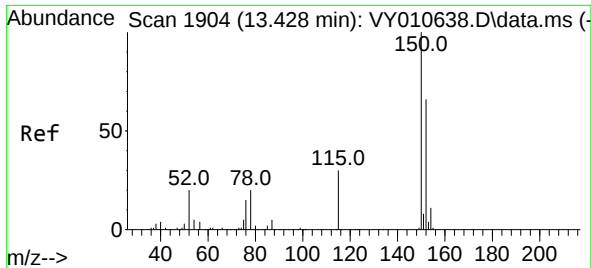
Ion Ratio Lower Upper

117 100

82 53.9 43.0 64.4

119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY010730.D

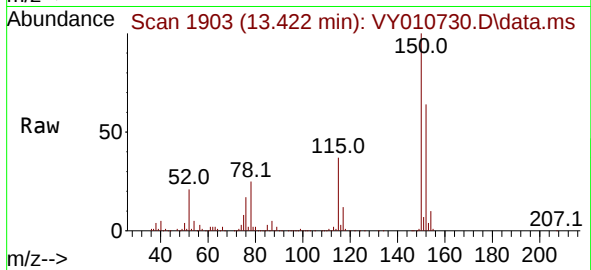
Acq: 29 Sep 2022 14:51

Instrument :

MSVOA_Y

ClientSampleId :

SAND-FILTER-1



Tgt Ion:152 Resp: 194665

Ion Ratio Lower Upper

152 100

115 58.3 28.2 84.7

150 157.9 0.0 347.6

