

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010698.D
 Acq On : 27 Sep 2022 15:15
 Operator : KP/MD
 Sample : N4751-06
 Misc : 9.41g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-5D

Quant Time: Sep 28 01:25:52 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)

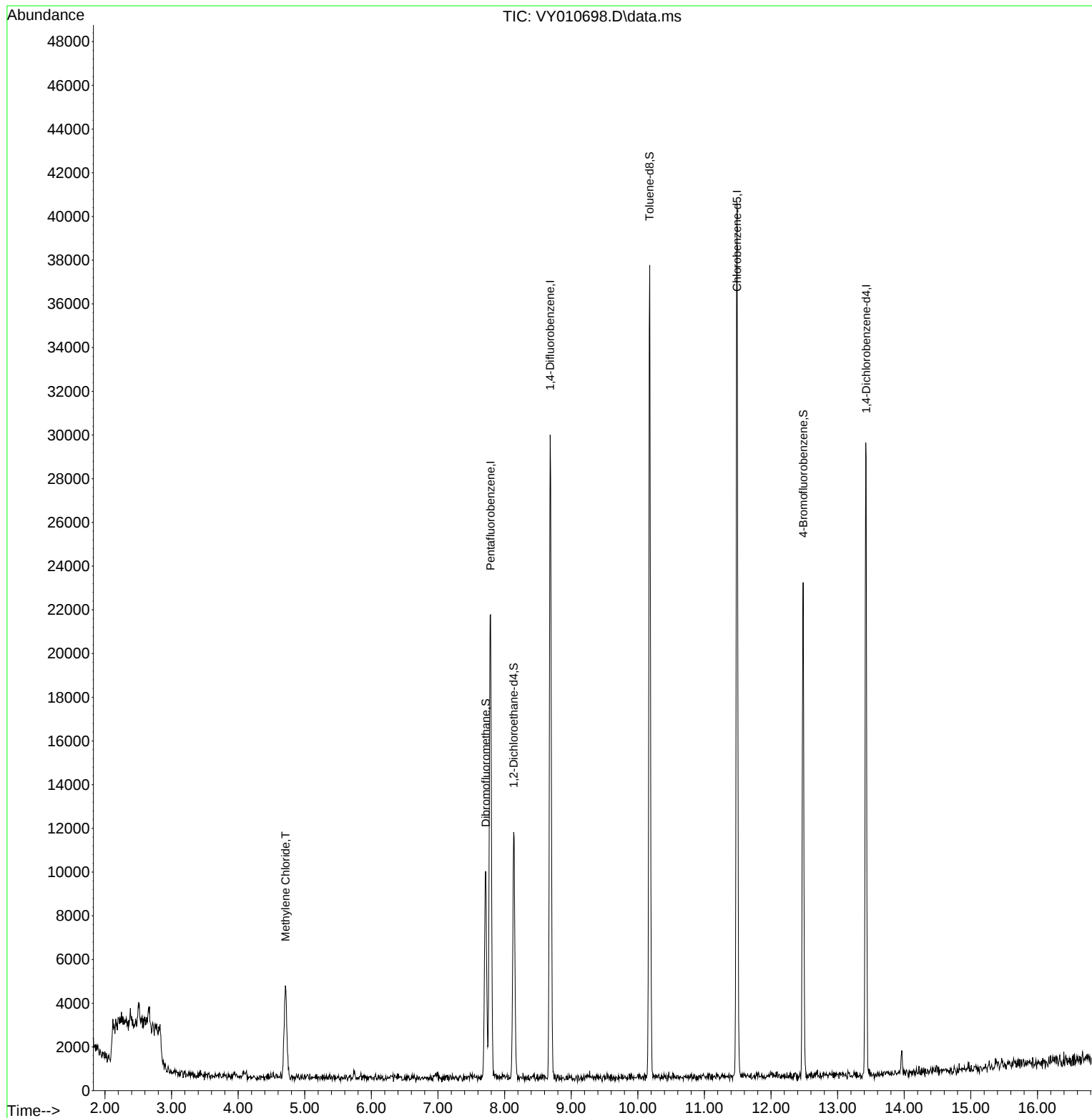
Internal Standards						
1) Pentafluorobenzene	7.789	168	17453	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	25362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	7917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	8738	52.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.680%
35) Dibromofluoromethane	7.716	113	6788	41.937	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.880%
50) Toluene-d8	10.179	98	24907	42.159	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.320%
62) 4-Bromofluorobenzene	12.483	95	7026	30.599	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.200%
Target Compounds						
20) Methylene Chloride	4.710	84	3203	7.623	ug/l	92

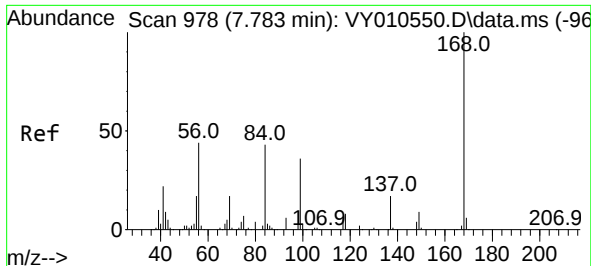
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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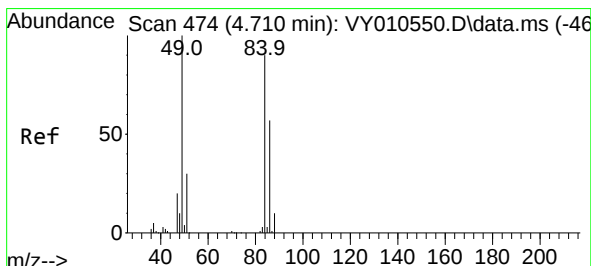
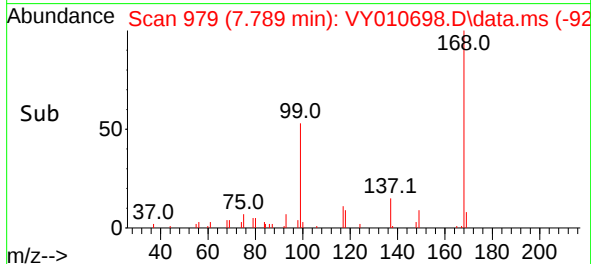
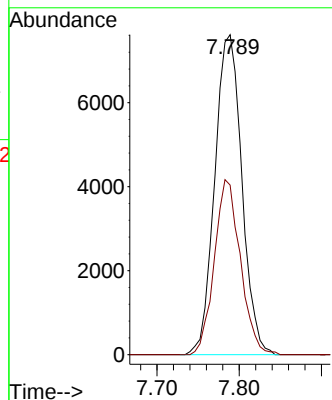
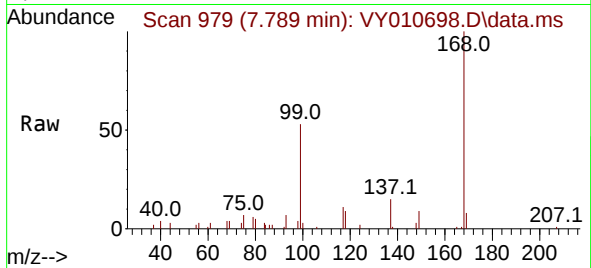




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

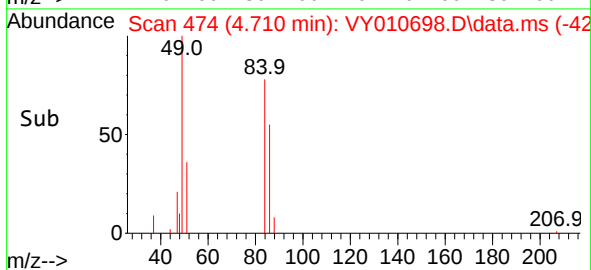
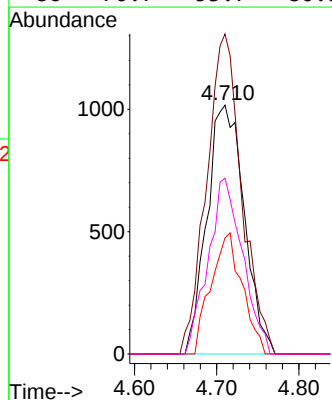
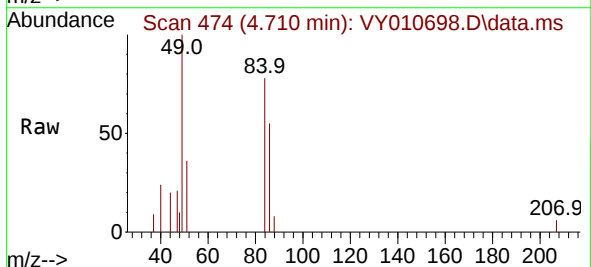
Instrument :
MSVOA_Y
ClientSampleId :
PE-5D

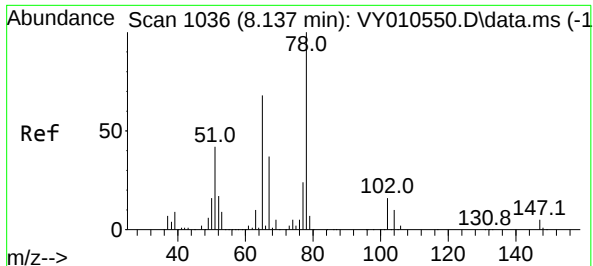
Tgt Ion:168 Resp: 17453
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#20
Methylene Chloride
Concen: 7.623 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Tgt Ion: 84 Resp: 3203
Ion Ratio Lower Upper
84 100
49 128.6 114.4 171.6
51 46.6 35.3 52.9
86 70.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 52.344 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010698.D

Acq: 27 Sep 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

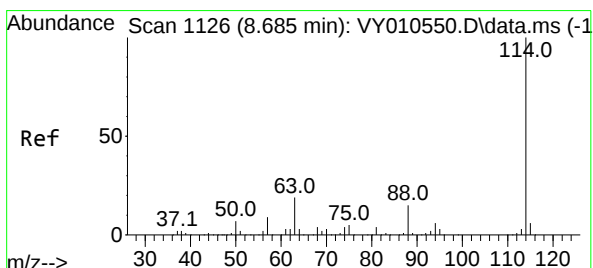
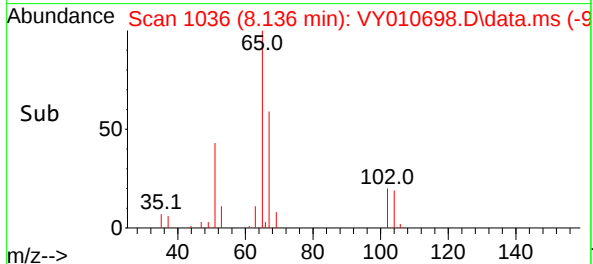
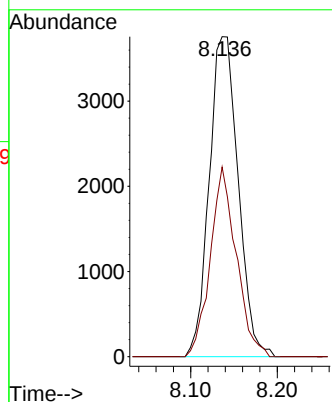
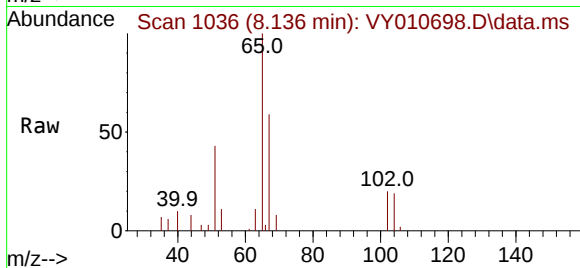
PE-5D

Tgt Ion: 65 Resp: 8738

Ion Ratio Lower Upper

65 100

67 53.1 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: VY010698.D

Acq: 27 Sep 2022 15:15

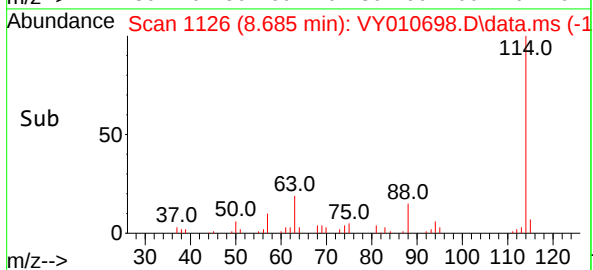
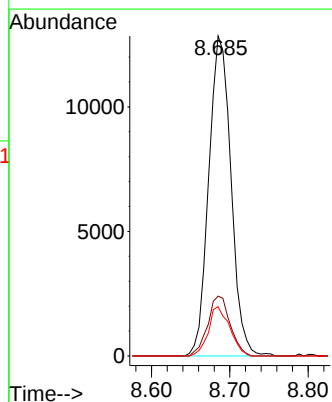
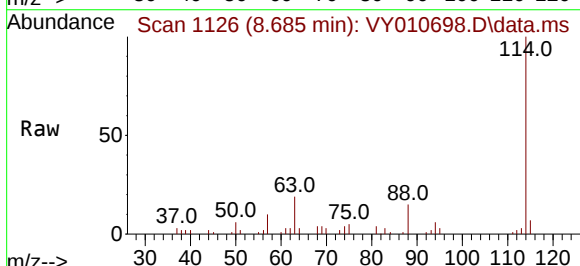
Tgt Ion: 114 Resp: 25362

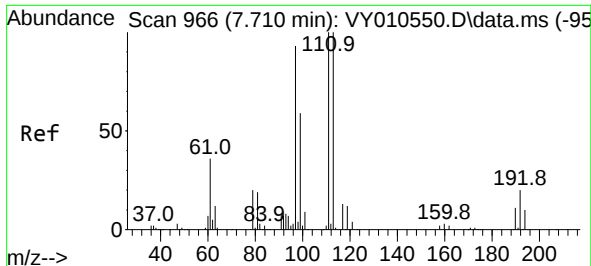
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 15.4 0.0 31.8

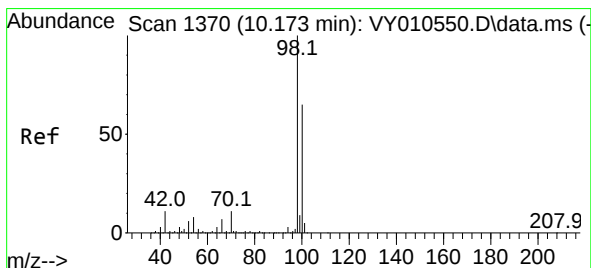
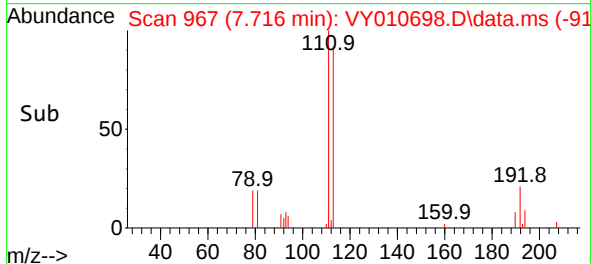
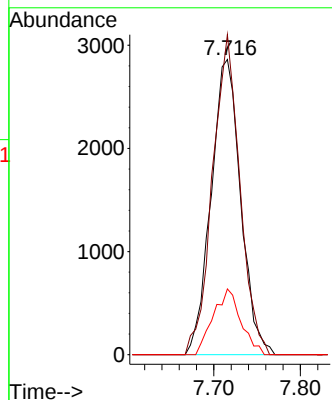
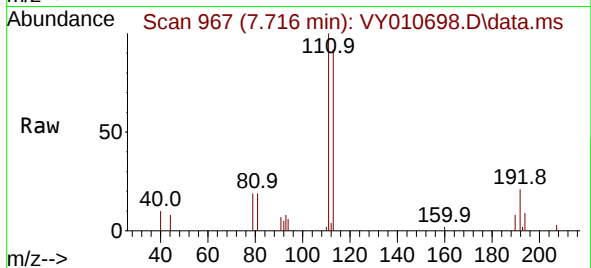




#35
Dibromofluoromethane
Concen: 41.937 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

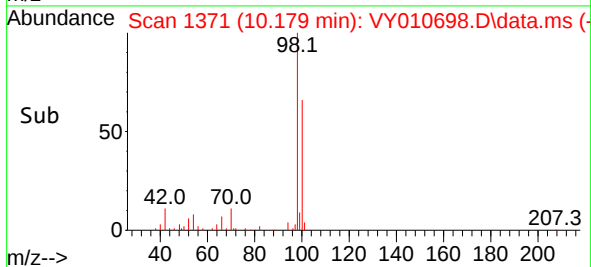
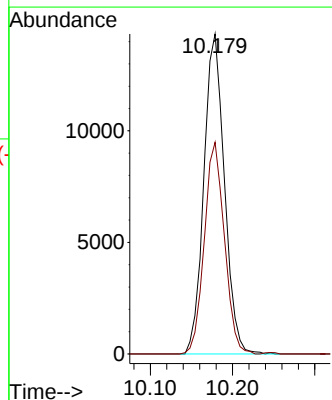
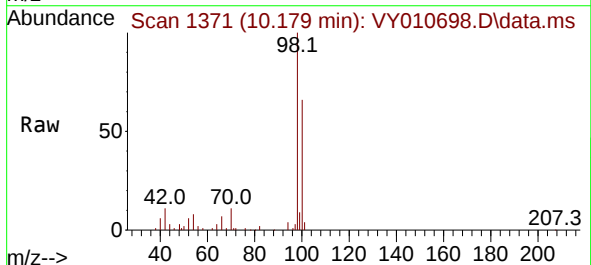
Instrument :
MSVOA_Y
ClientSampleId :
PE-5D

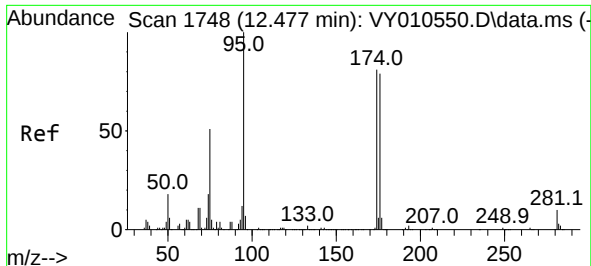
Tgt Ion:113 Resp: 6788
Ion Ratio Lower Upper
113 100
111 100.3 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 42.159 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010698.D
Acq: 27 Sep 2022 15:15

Tgt Ion: 98 Resp: 24907
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 30.599 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY010698.D

Acq: 27 Sep 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

PE-5D

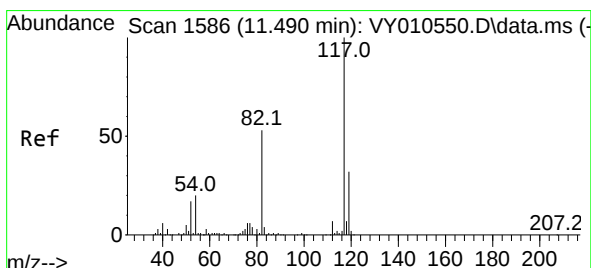
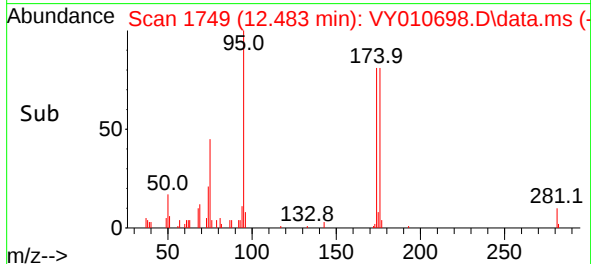
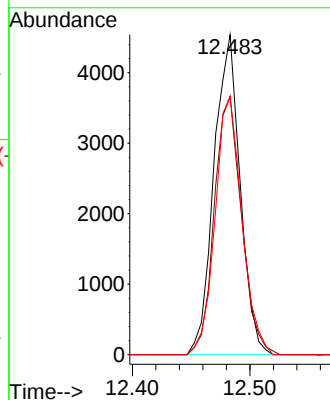
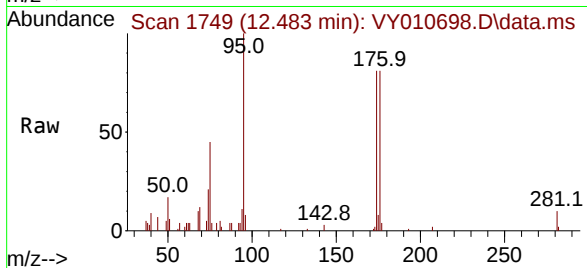
Tgt Ion: 95 Resp: 7026

Ion Ratio Lower Upper

95 100

174 83.4 0.0 177.0

176 82.7 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: VY010698.D

Acq: 27 Sep 2022 15:15

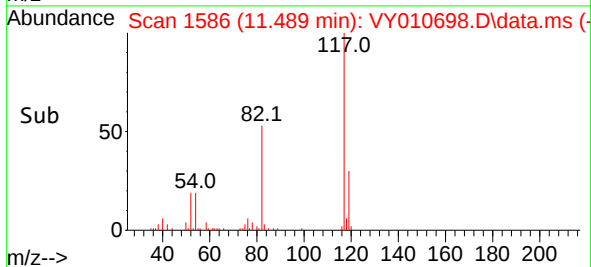
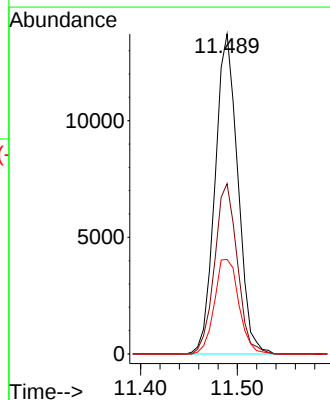
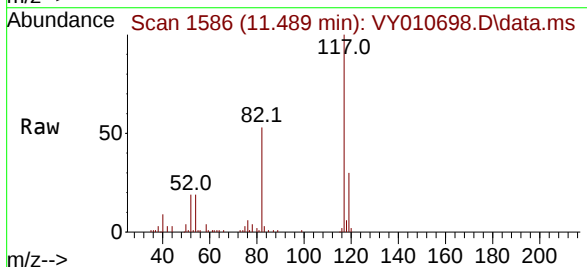
Tgt Ion: 117 Resp: 22411

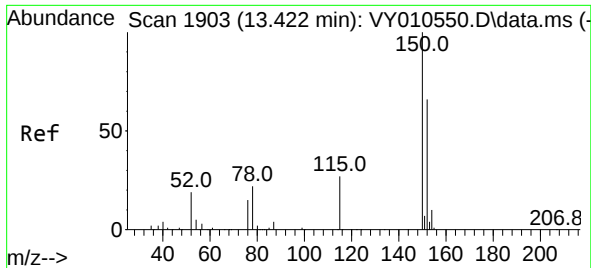
Ion Ratio Lower Upper

117 100

82 53.2 43.0 64.4

119 29.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010698.D

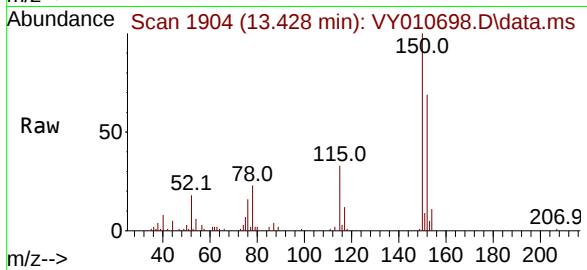
Acq: 27 Sep 2022 15:15

Instrument :

MSVOA_Y

ClientSampleId :

PE-5D



Tgt Ion:	152	Resp:	7917
Ion	Ratio	Lower	Upper
152	100		
115	56.8	28.2	84.7
150	152.6	0.0	347.6

