

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010580.D
 Acq On : 20 Sep 2022 17:10
 Operator : KP/MD
 Sample : N4697-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-6.5-7.0

Quant Time: Sep 21 01:21:29 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)

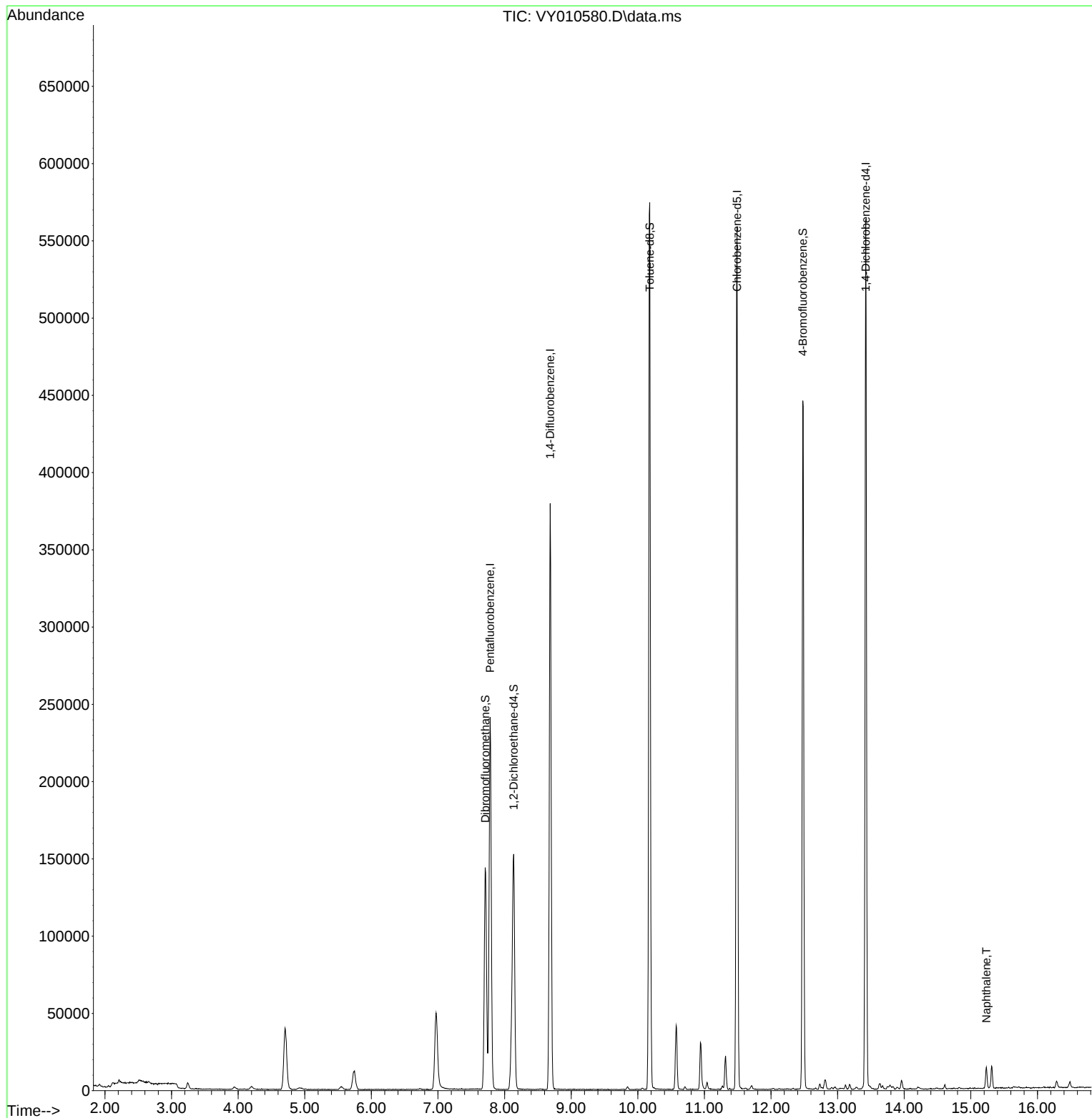
Internal Standards						
1) Pentafluorobenzene	7.783	168	187918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	327129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144216	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	105385	58.632	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.260%
35) Dibromofluoromethane	7.709	113	101481	48.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.220%
50) Toluene-d8	10.179	98	389732	50.479	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.960%
62) 4-Bromofluorobenzene	12.477	95	133036	46.256	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.520%
Target Compounds						
95) Naphthalene	15.232	128	11768	2.497	ug/l	Qvalue 98

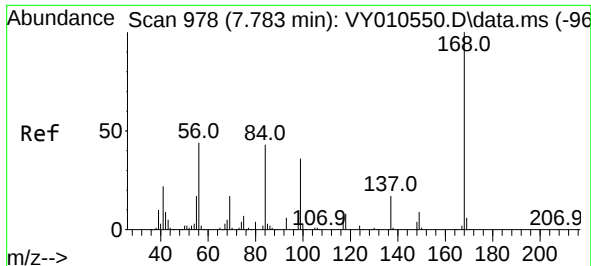
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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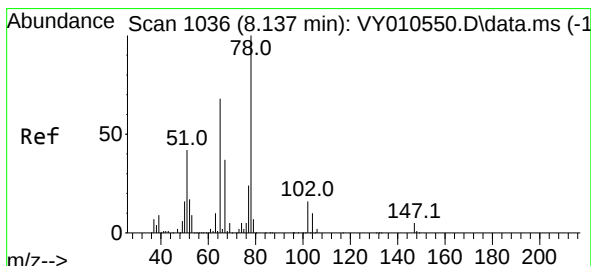
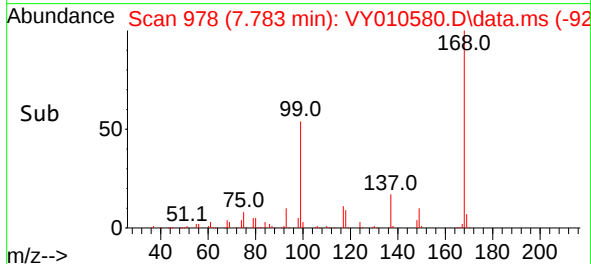
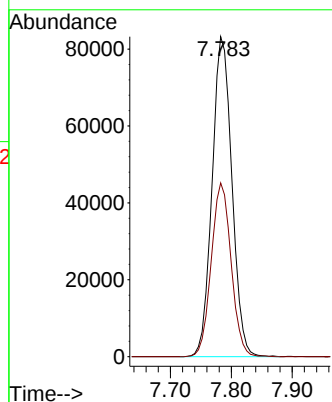
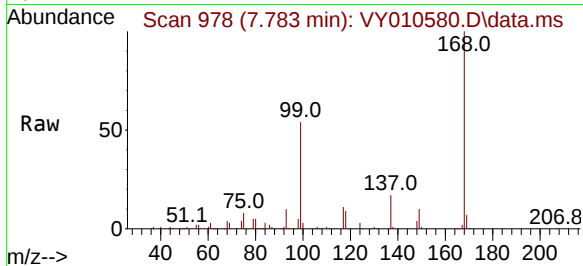




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010580.D
Acq: 20 Sep 2022 17:10

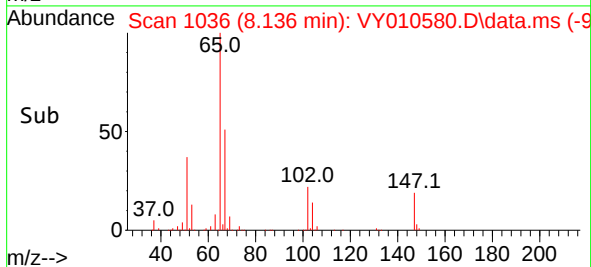
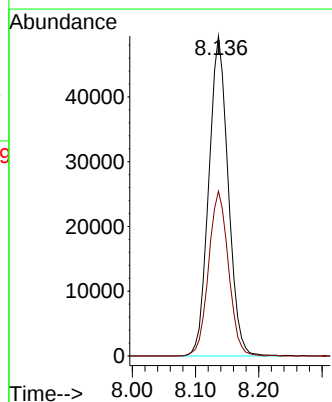
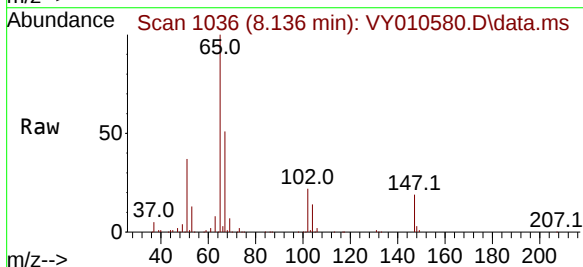
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-6.5-7.0

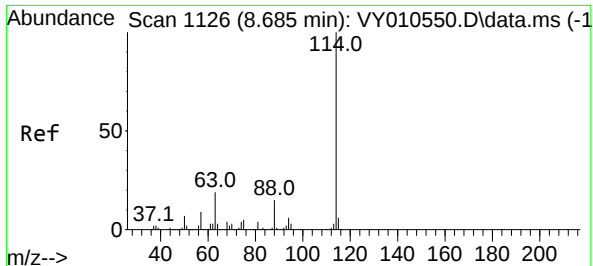
Tgt Ion:168 Resp: 187918
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.632 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010580.D
Acq: 20 Sep 2022 17:10

Tgt Ion: 65 Resp: 105385
Ion Ratio Lower Upper
65 100
67 52.8 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: VY010580.D

Acq: 20 Sep 2022 17:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-23-6.5-7.0

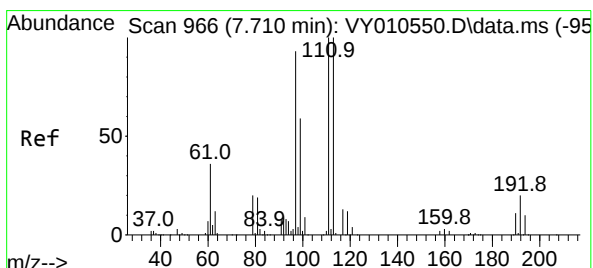
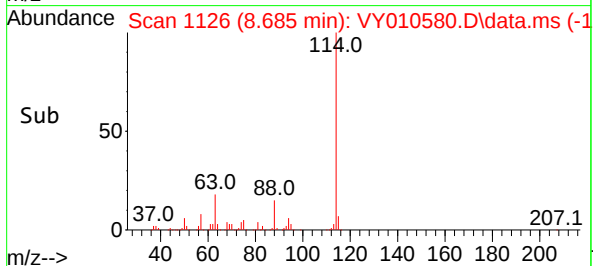
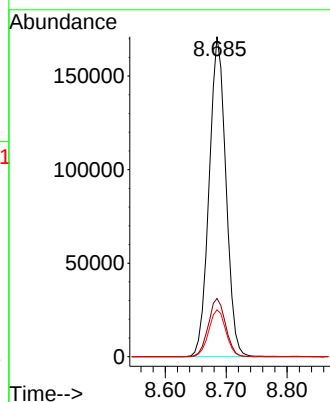
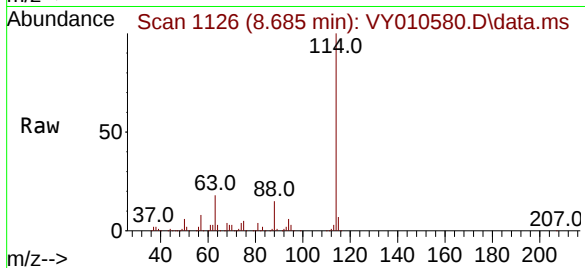
Tgt Ion:114 Resp: 327129

Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.608 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010580.D

Acq: 20 Sep 2022 17:10

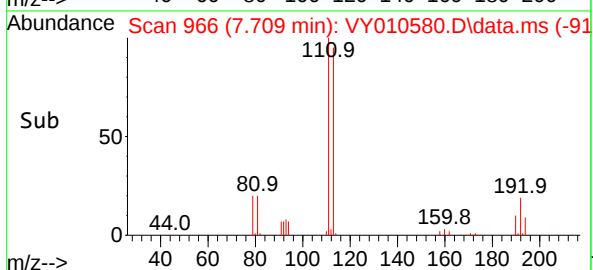
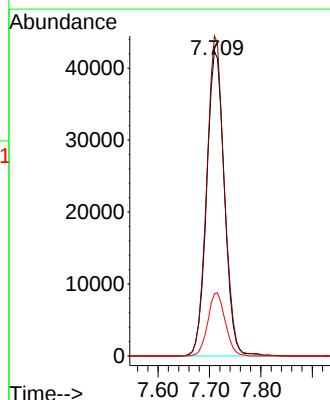
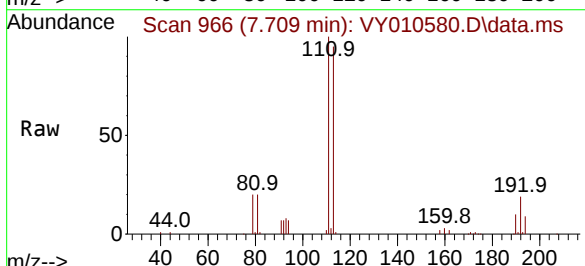
Tgt Ion:113 Resp: 101481

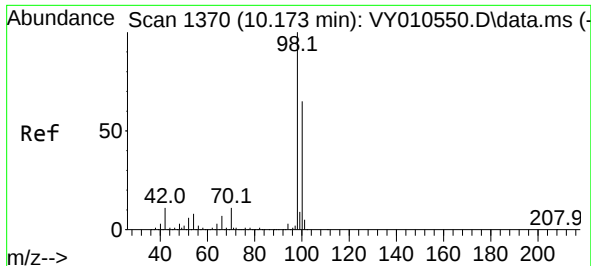
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.3 17.6 26.4

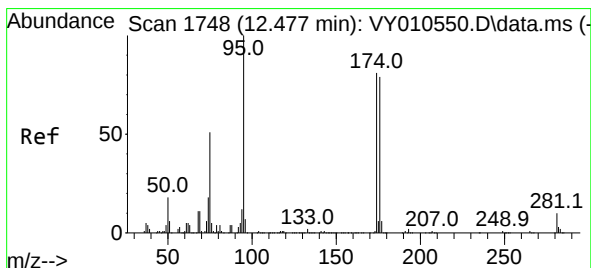
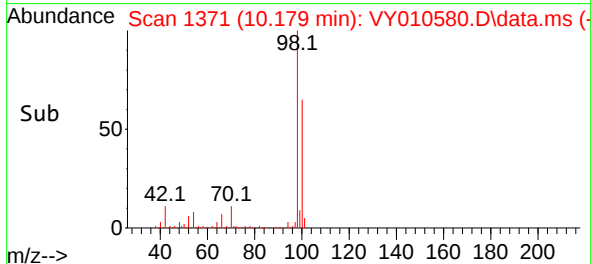
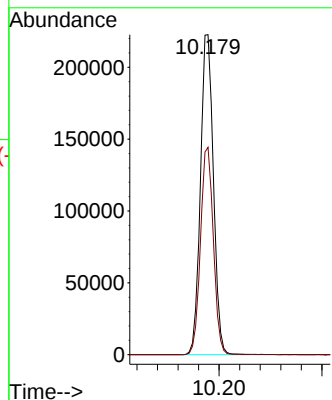
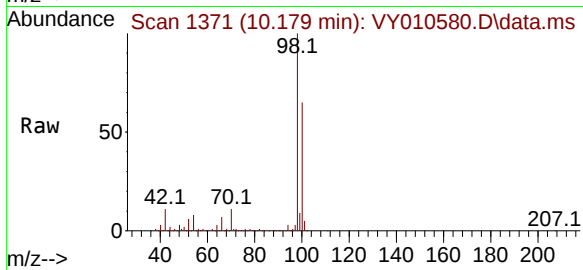




#50
Toluene-d8
Concen: 50.479 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010580.D
Acq: 20 Sep 2022 17:10

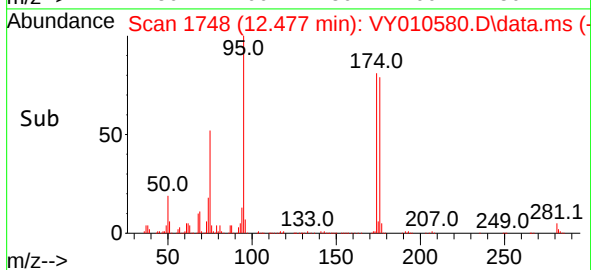
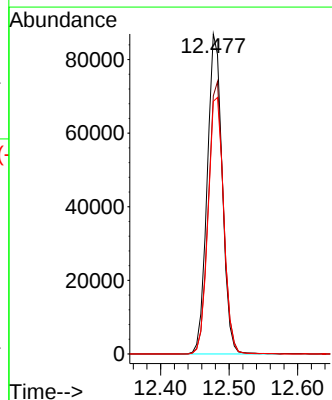
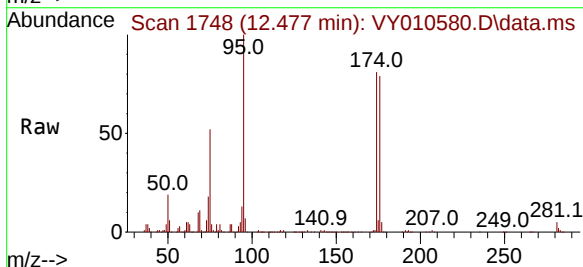
Instrument :
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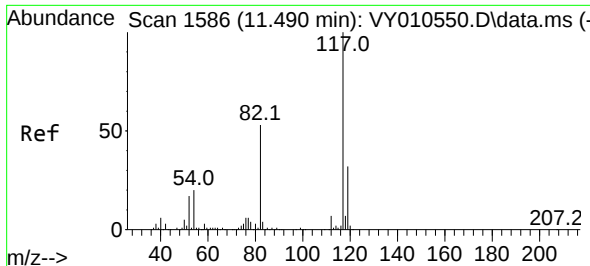
Tgt Ion: 98 Resp: 389732
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.256 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010580.D
Acq: 20 Sep 2022 17:10

Tgt Ion: 95 Resp: 133036
Ion Ratio Lower Upper
95 100
174 85.7 0.0 177.0
176 83.1 0.0 175.8

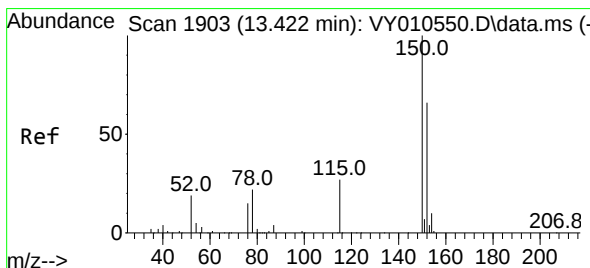
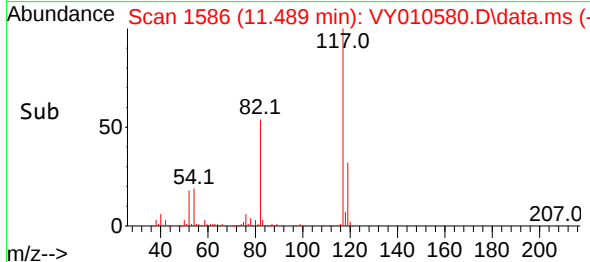
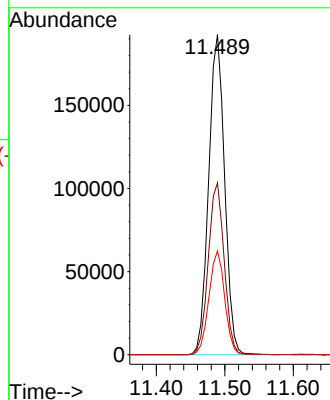
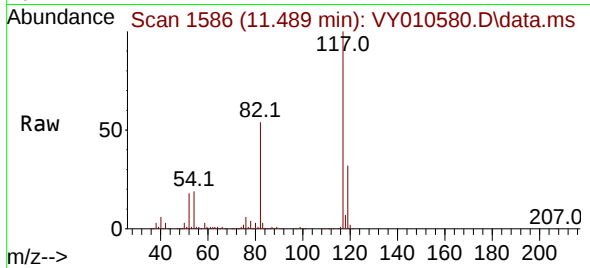




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010580.D
Acq: 20 Sep 2022 17:10

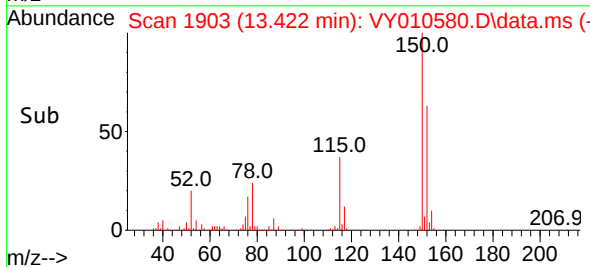
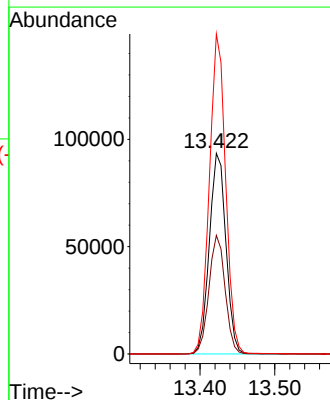
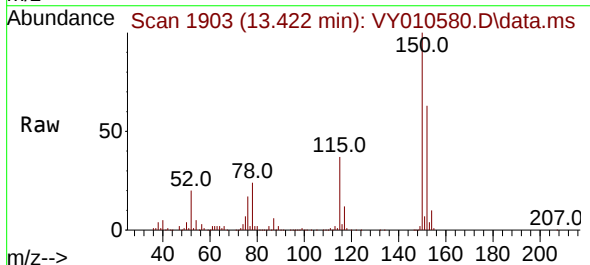
Instrument :
MSVOA_Y
ClientSampleId :
SB-23-6.5-7.0

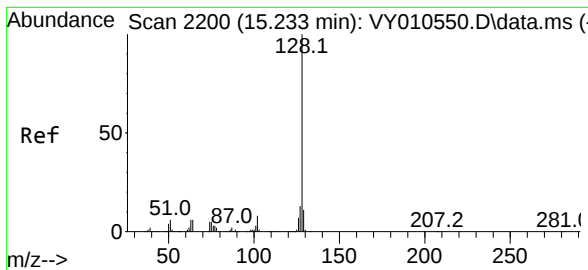
Tgt Ion:117 Resp: 311392
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY010580.D
Acq: 20 Sep 2022 17:10

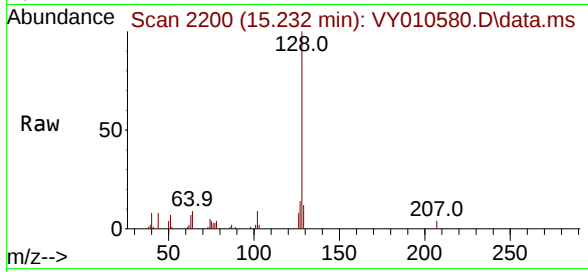
Tgt Ion:152 Resp: 144216
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 155.9 0.0 347.6





#95
 Naphthalene
 Concen: 2.497 ug/l
 RT: 15.232 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: VY010580.D
 Acq: 20 Sep 2022 17:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-23-6.5-7.0



Tgt Ion:	128	Resp:	11768
Ion	Ratio	Lower	Upper
128	100		
127	12.4	11.0	16.4
129	11.0	8.4	12.6

