

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010463.D
 Acq On : 13 Sep 2022 16:55
 Operator : KP/MD
 Sample : N4509-04RE
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_115D-20220902RE

Quant Time: Sep 14 05:25:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	209519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353715	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139225	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	115952	54.948	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.900%
35) Dibromofluoromethane	7.709	113	109294	43.507	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.020%
50) Toluene-d8	10.179	98	422388	51.880	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.477	95	138501	41.923	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.840%

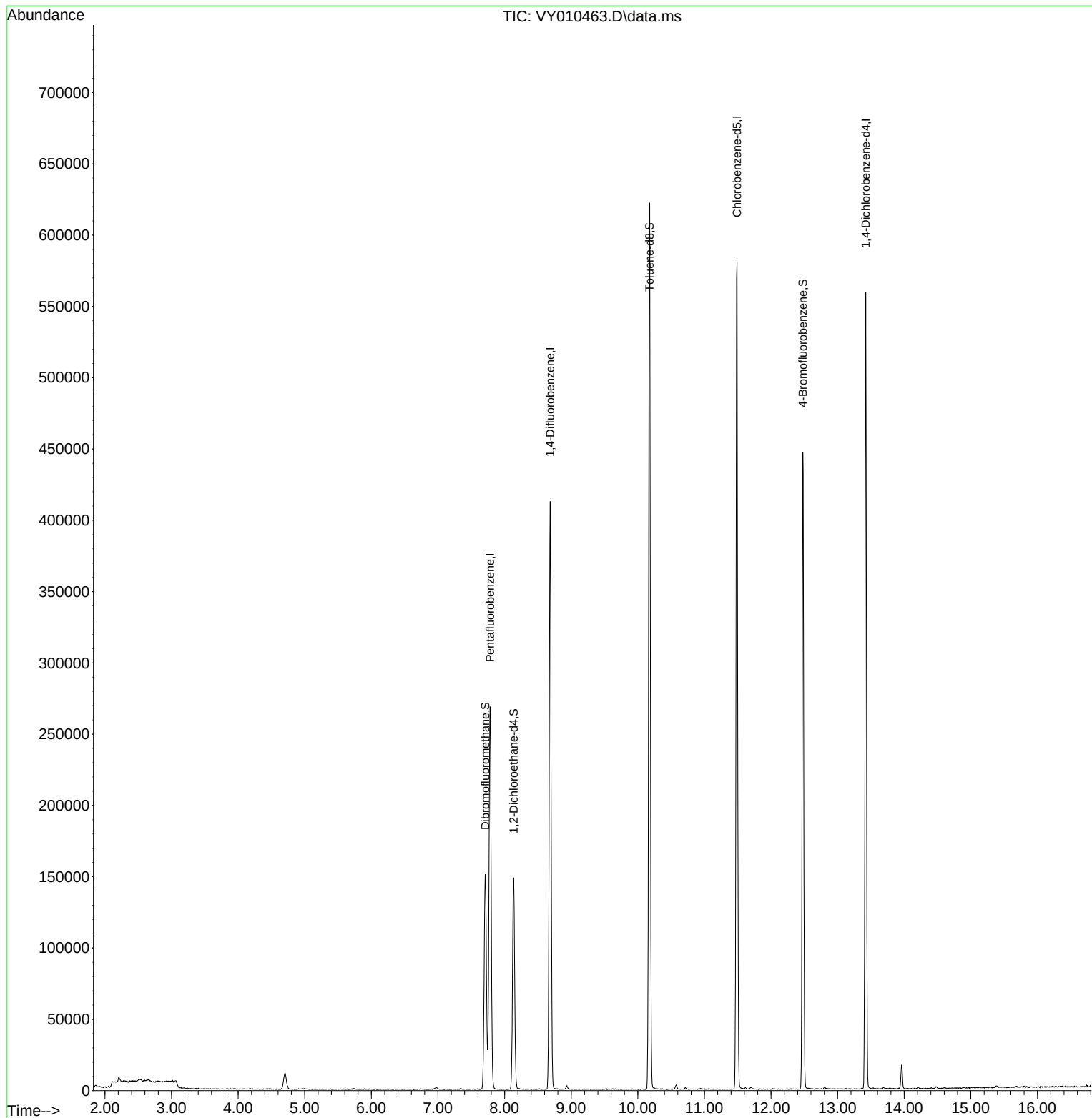
Target Compounds	Qvalue

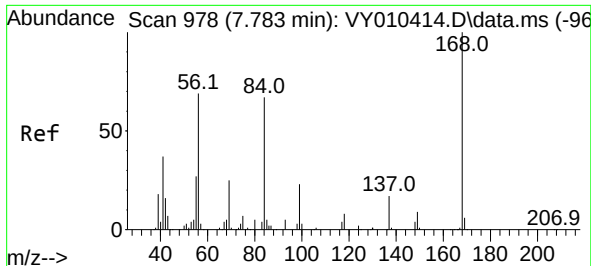
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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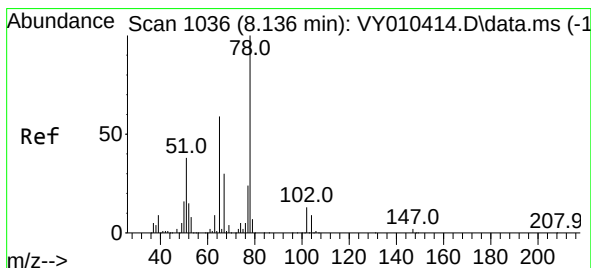
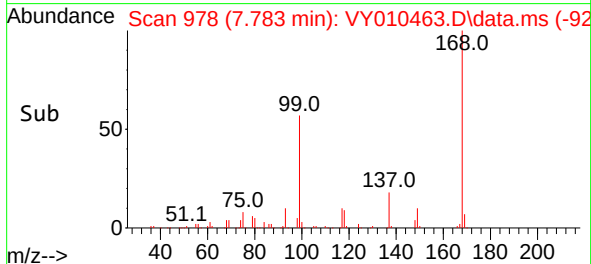
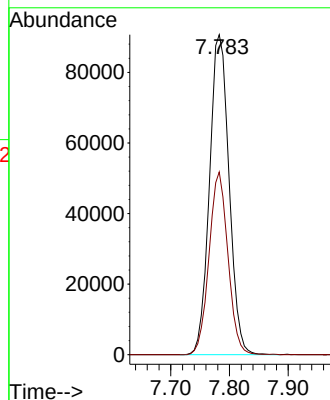
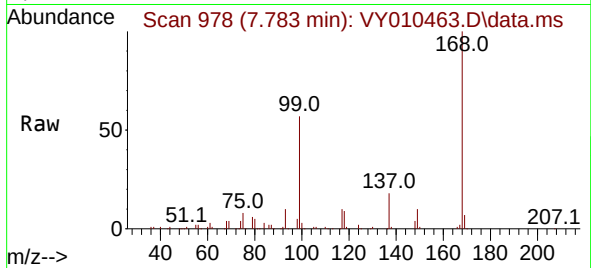




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010463.D
Acq: 13 Sep 2022 16:55

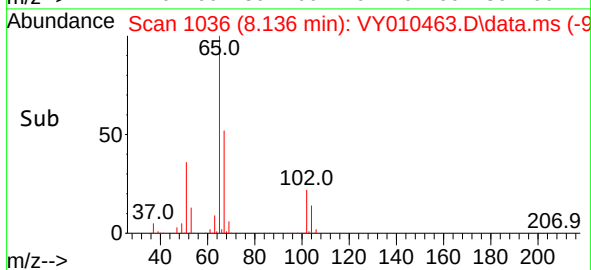
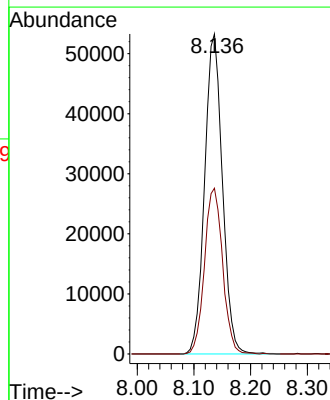
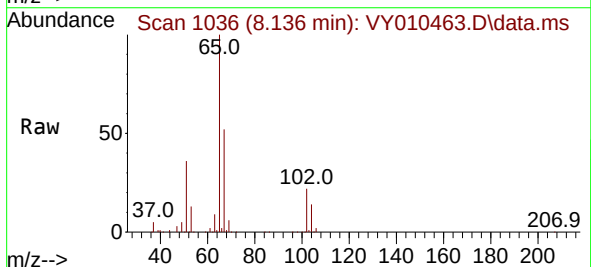
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_115D-20220902RE

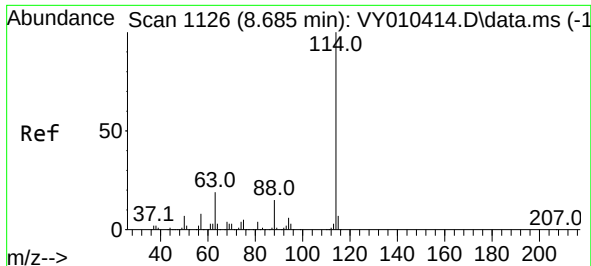
Tgt Ion:168 Resp: 209519
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.948 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010463.D
Acq: 13 Sep 2022 16:55

Tgt Ion: 65 Resp: 115952
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: VY010463.D

Acq: 13 Sep 2022 16:55

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_115D-20220902RE

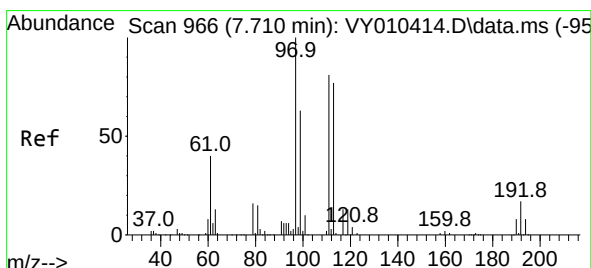
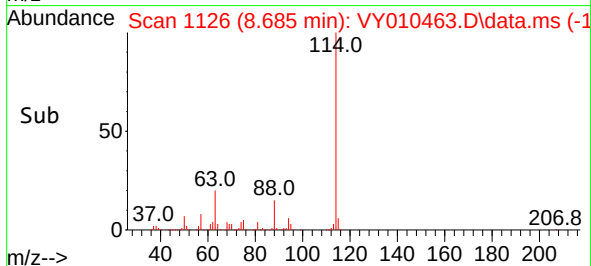
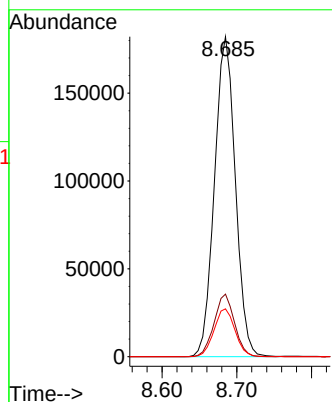
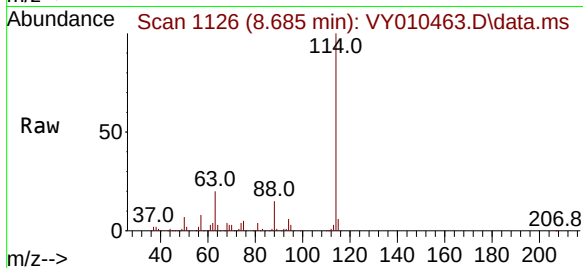
Tgt Ion:114 Resp: 353715

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 43.507 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.001 min

Lab File: VY010463.D

Acq: 13 Sep 2022 16:55

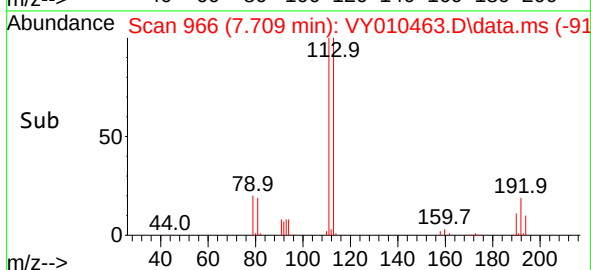
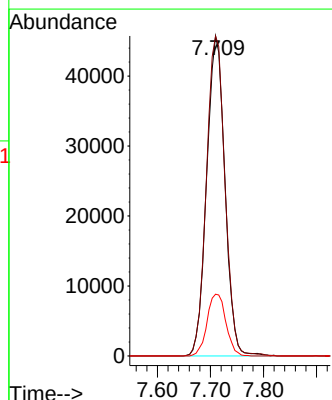
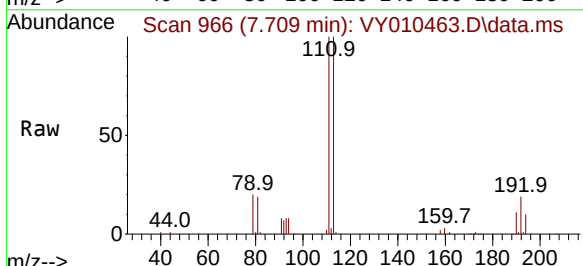
Tgt Ion:113 Resp: 109294

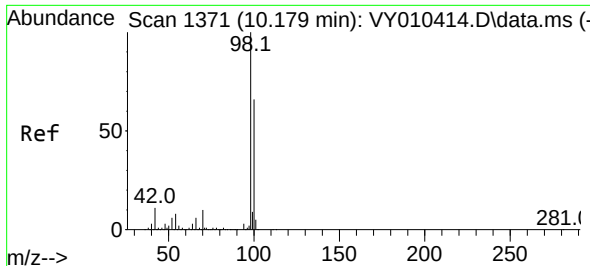
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 19.9 17.6 26.4

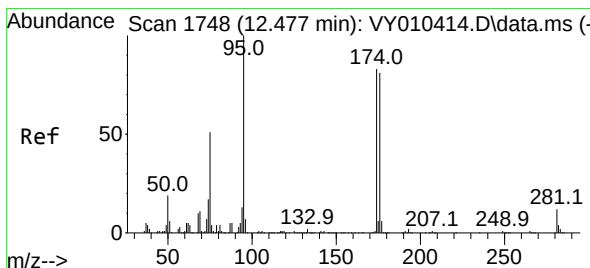
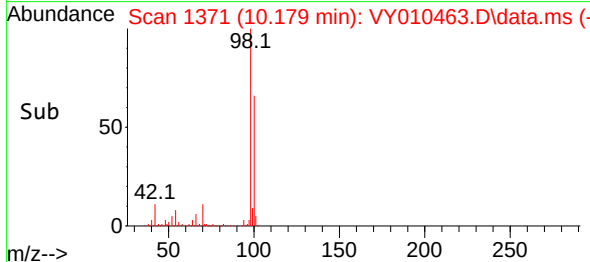
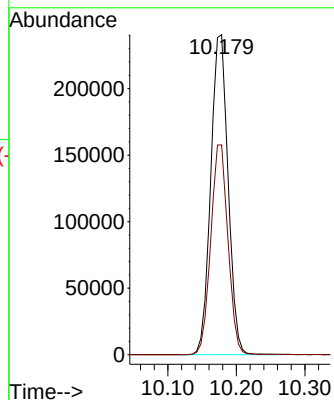
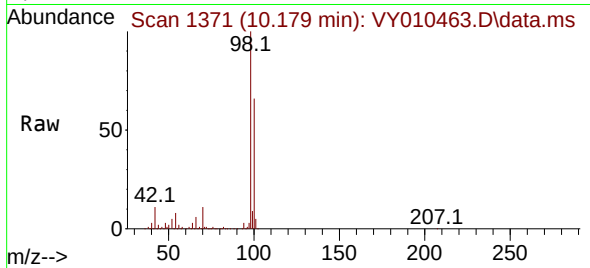




#50
Toluene-d8
Concen: 51.880 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY010463.D
Acq: 13 Sep 2022 16:55

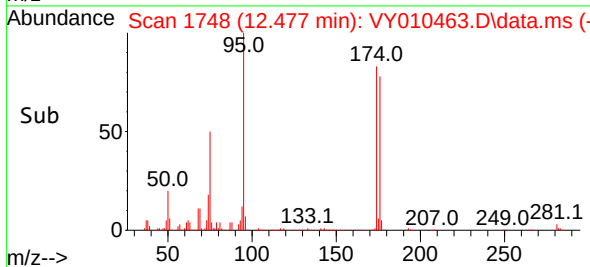
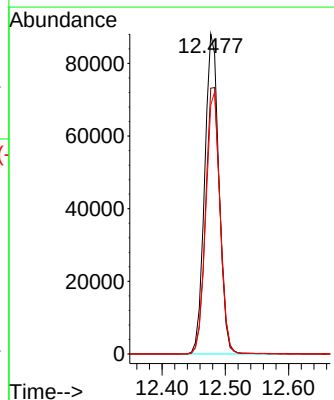
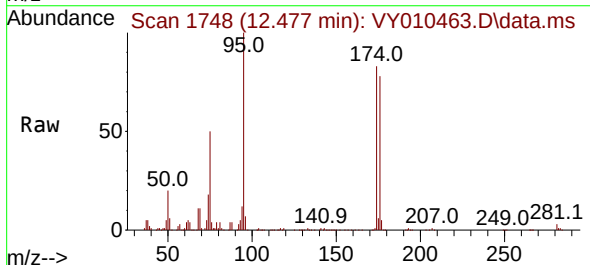
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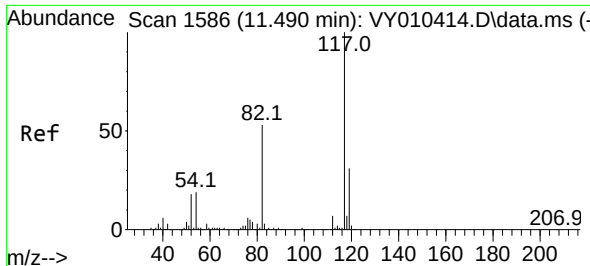
Tgt Ion: 98 Resp: 422388
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.923 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY010463.D
Acq: 13 Sep 2022 16:55

Tgt Ion: 95 Resp: 138501
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 81.0 0.0 175.8

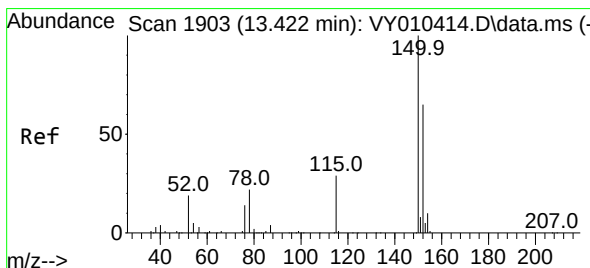
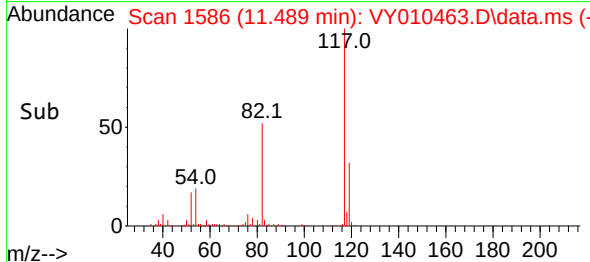
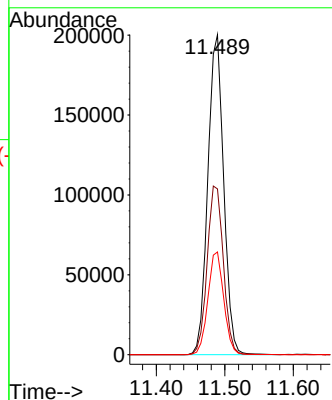
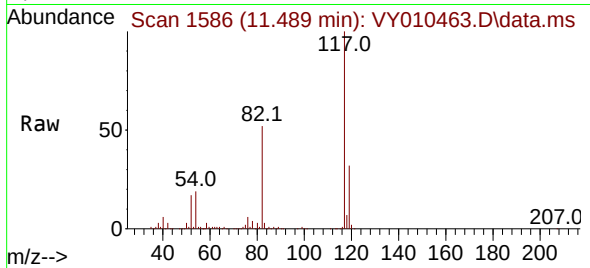




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010463.D
Acq: 13 Sep 2022 16:55

Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_115D-20220902RE

Tgt Ion:117 Resp: 321878
Ion Ratio Lower Upper
117 100
82 51.8 43.0 64.4
119 32.1 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: VY010463.D
Acq: 13 Sep 2022 16:55

Tgt Ion:152 Resp: 139225
Ion Ratio Lower Upper
152 100
115 57.6 28.2 84.7
150 155.9 0.0 347.6

