

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010437.D
 Acq On : 09 Sep 2022 22:49
 Operator : KP/MD
 Sample : N4509-04
 Misc : 5.74g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_115D-20220902

Quant Time: Sep 12 03:01:58 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	215359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	329100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	255793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71684	33.049	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.100%
35) Dibromofluoromethane	7.710	113	78058	33.397	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.800%
50) Toluene-d8	10.179	98	373641	49.326	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.660%
62) 4-Bromofluorobenzene	12.483	95	93956	28.666	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	57.340%

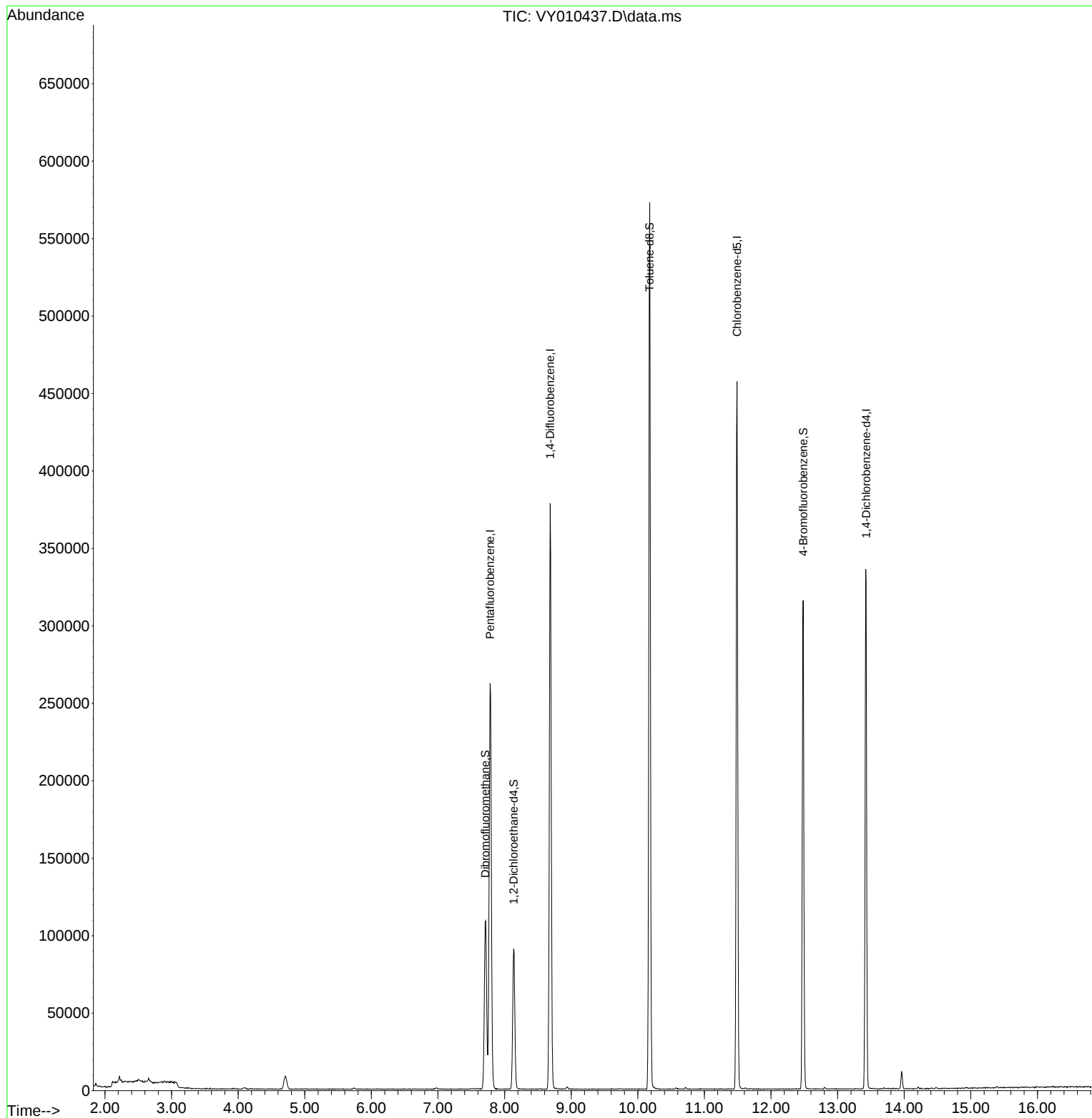
Target Compounds	Qvalue

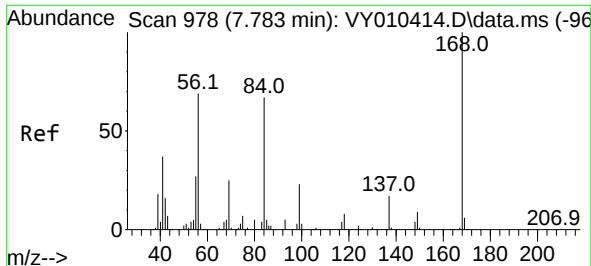
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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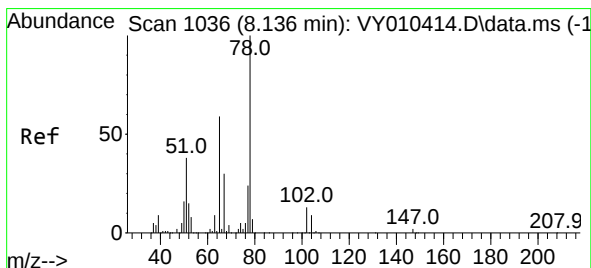
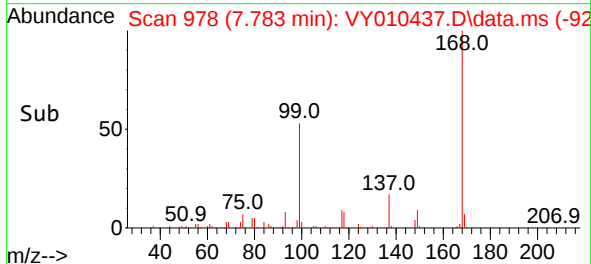
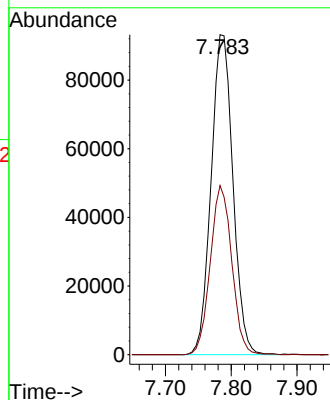
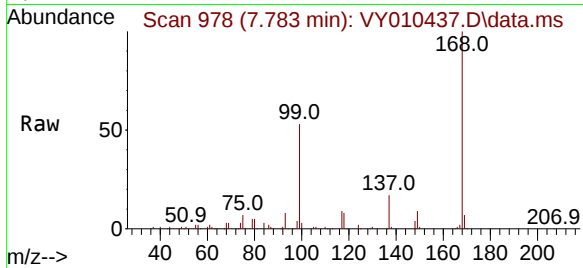




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010437.D
Acq: 09 Sep 2022 22:49

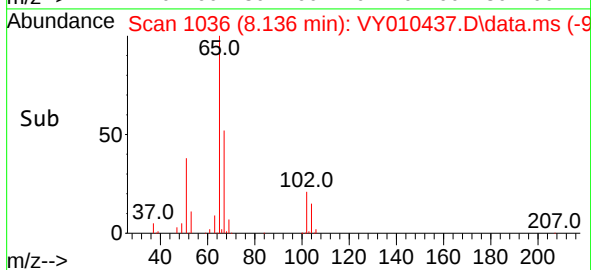
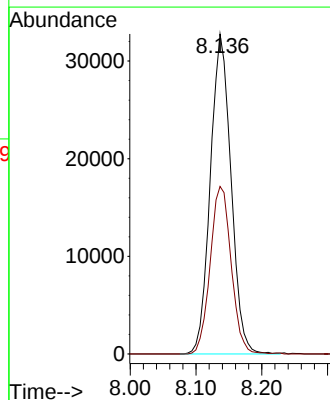
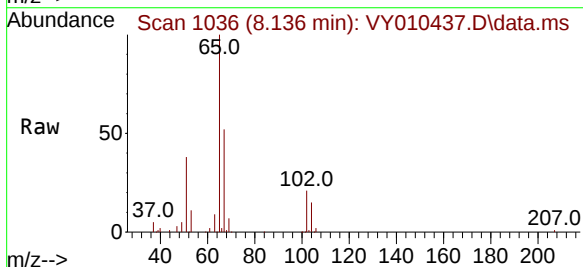
Instrument :
MSVOA_Y
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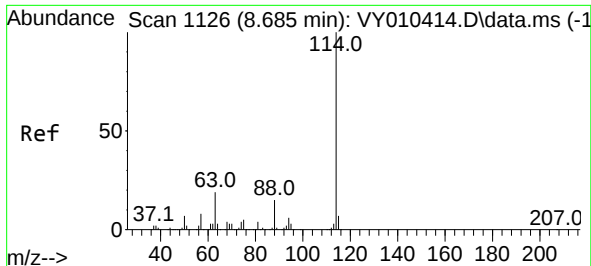
Tgt Ion:168 Resp: 215359
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 33.049 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010437.D
Acq: 09 Sep 2022 22:49

Tgt Ion: 65 Resp: 71684
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

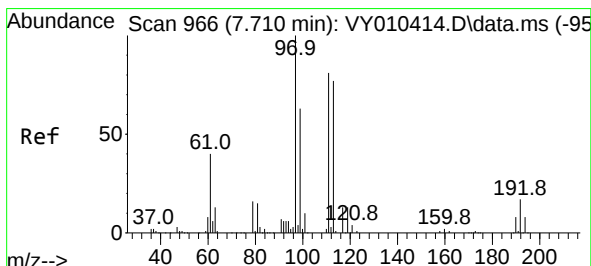
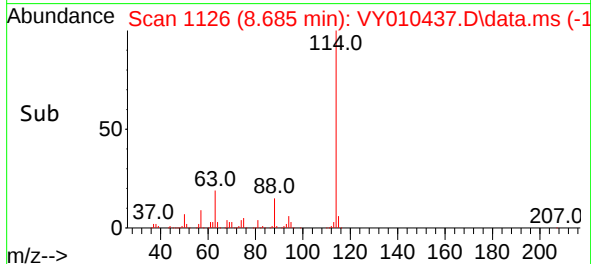
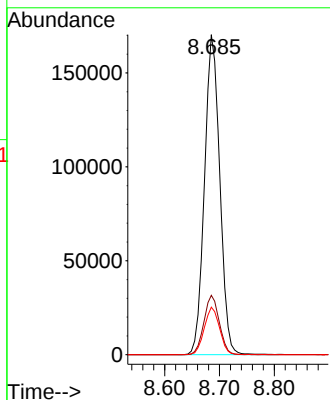
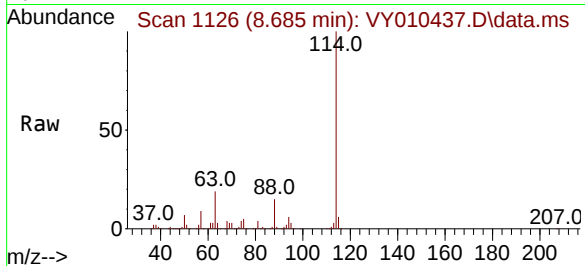




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010437.D
Acq: 09 Sep 2022 22:49

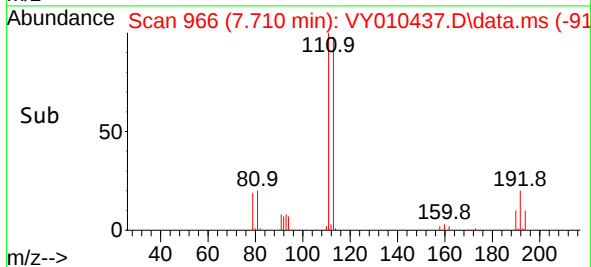
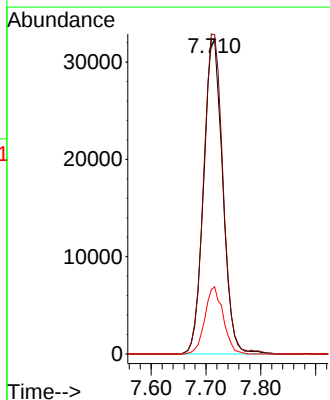
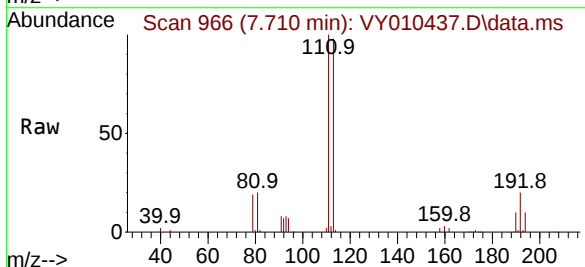
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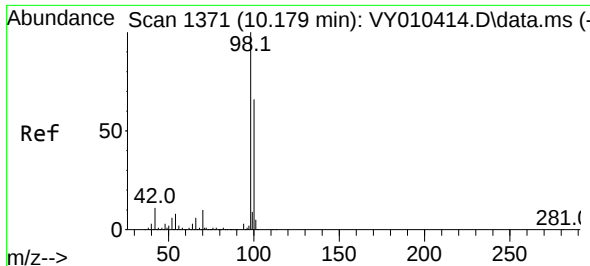
Tgt Ion:114 Resp: 329100
Ion Ratio Lower Upper
114 100
63 18.6 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 33.397 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010437.D
Acq: 09 Sep 2022 22:49

Tgt Ion:113 Resp: 78058
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 20.4 17.6 26.4

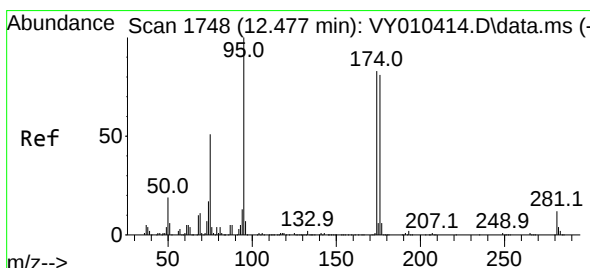
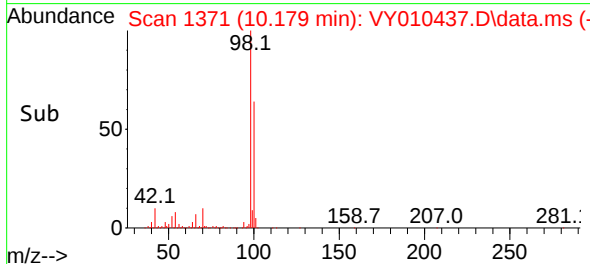
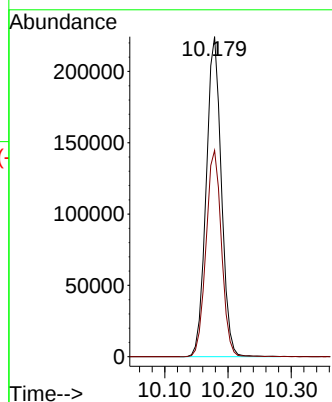
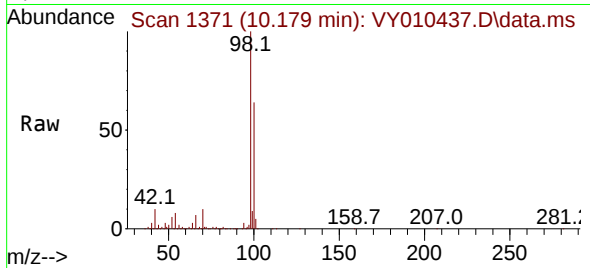




#50
Toluene-d8
Concen: 49.326 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010437.D
Acq: 09 Sep 2022 22:49

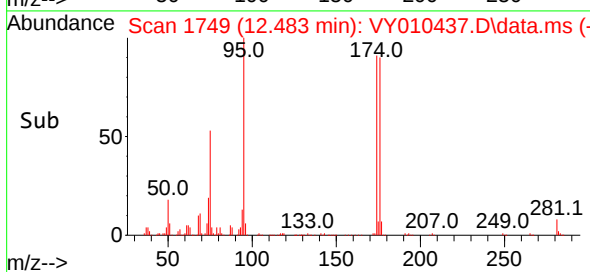
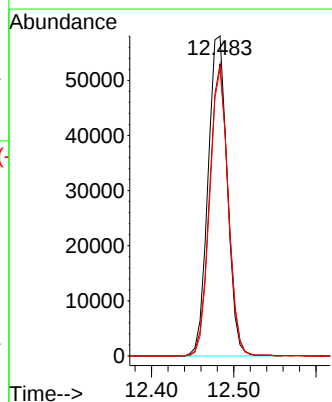
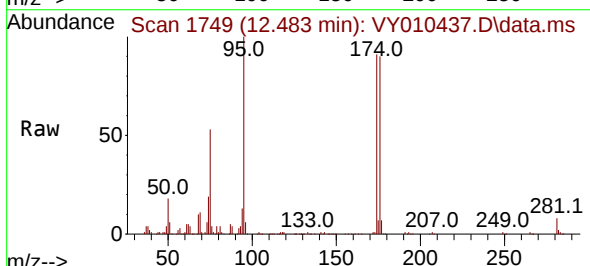
Instrument :
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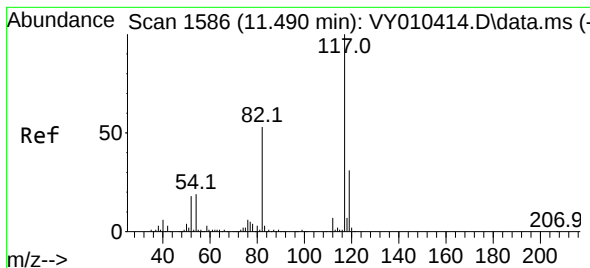
Tgt Ion: 98 Resp: 373641
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 28.666 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010437.D
Acq: 09 Sep 2022 22:49

Tgt Ion: 95 Resp: 93956
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 86.2 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010437.D

Acq: 09 Sep 2022 22:49

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_115D-20220902

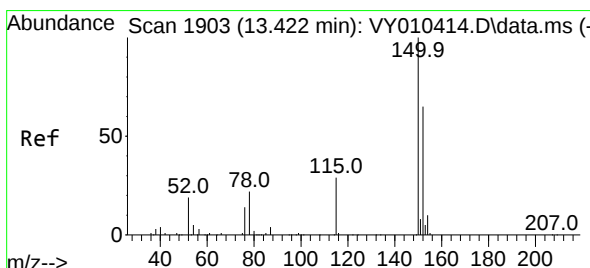
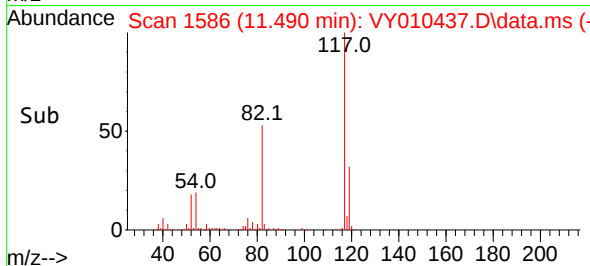
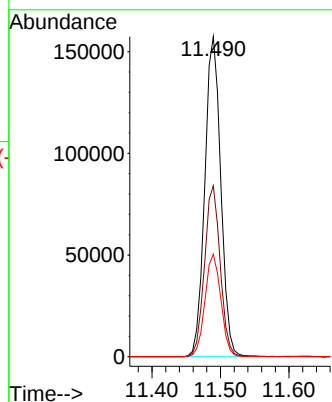
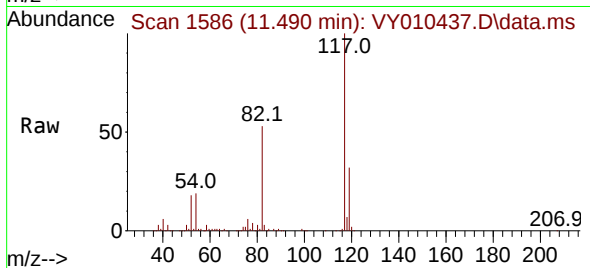
Tgt Ion:117 Resp: 255793

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 32.0 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: VY010437.D

Acq: 09 Sep 2022 22:49

Tgt Ion:152 Resp: 91150

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 157.7 0.0 347.6

