

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010465.D
 Acq On : 13 Sep 2022 17:42
 Operator : KP/MD
 Sample : N4509-06
 Misc : 5.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S1-SO_PW001-20220902

Quant Time: Sep 14 05:26:06 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	211944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	323073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138117	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114824	53.791	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.580%
35) Dibromofluoromethane	7.710	113	109274	42.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.840%
50) Toluene-d8	10.173	98	423239	51.288	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.580%
62) 4-Bromofluorobenzene	12.477	95	135148	40.098	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.200%

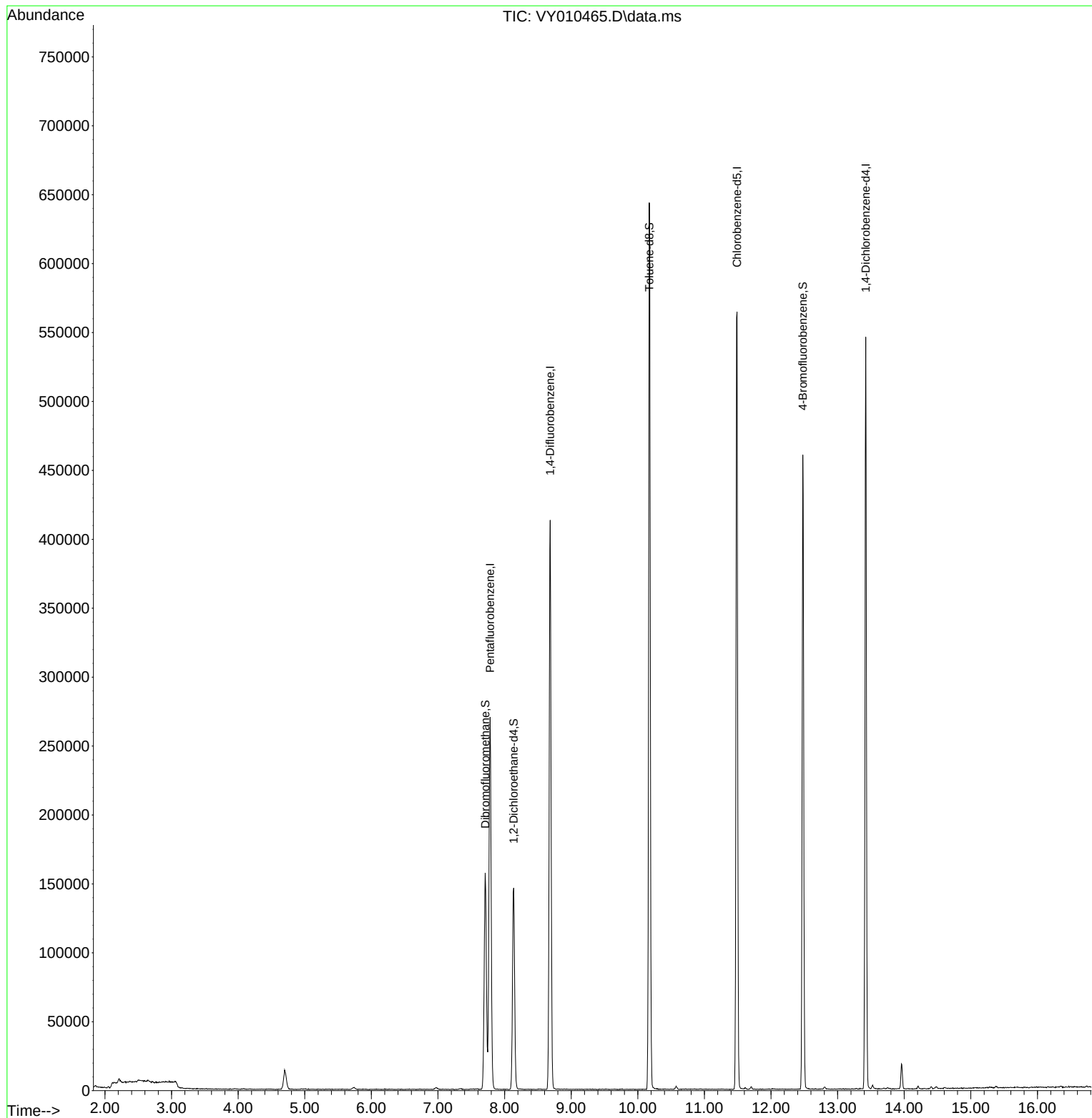
Target Compounds	Qvalue

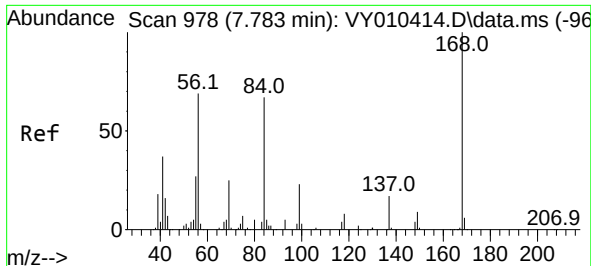
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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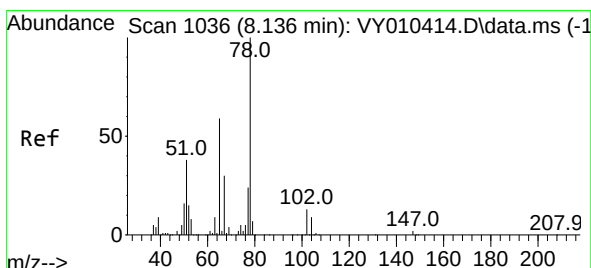
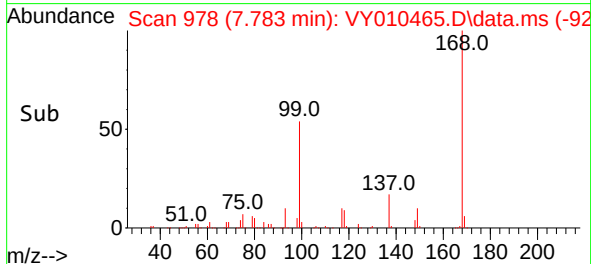
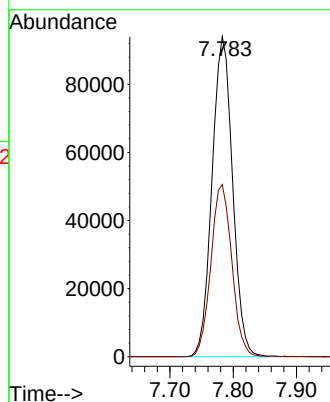
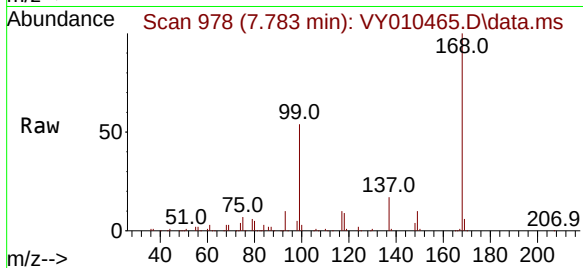




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

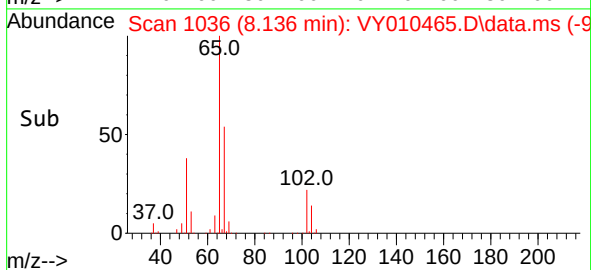
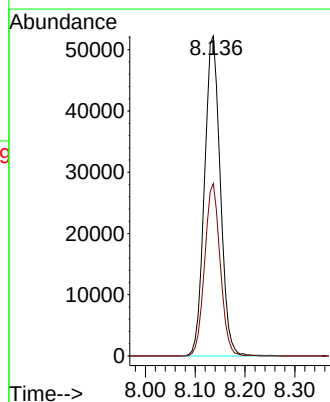
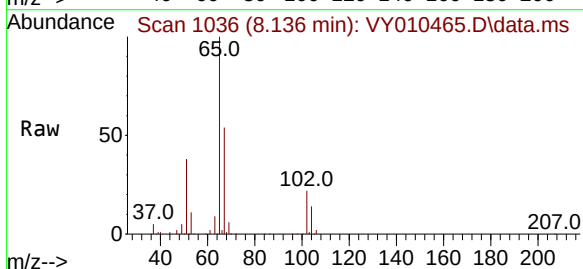
Instrument :
MSVOA_Y
ClientSampleId :
S1-SO_PW001-20220902

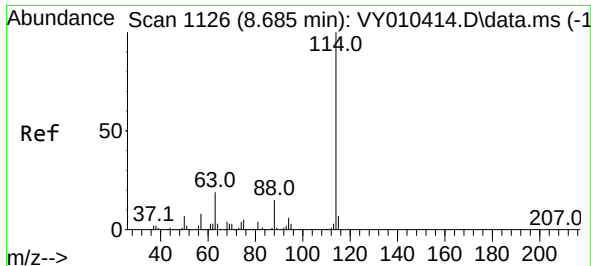
Tgt Ion:168 Resp: 211944
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.791 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 65 Resp: 114824
Ion Ratio Lower Upper
65 100
67 53.1 0.0 99.4

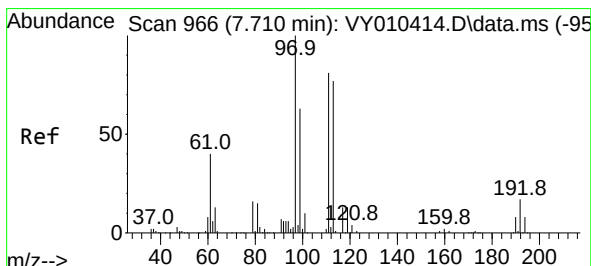
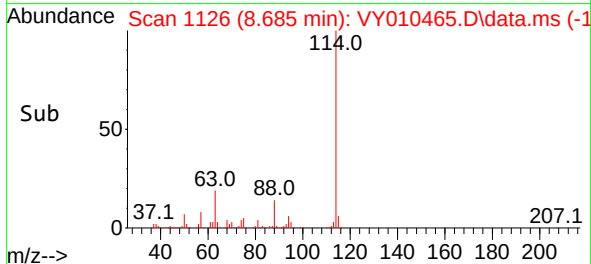
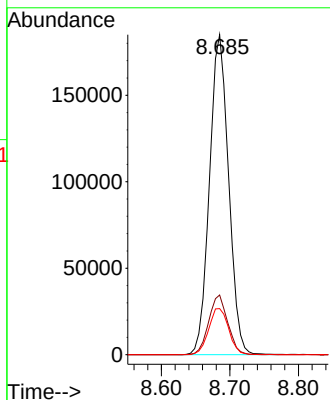
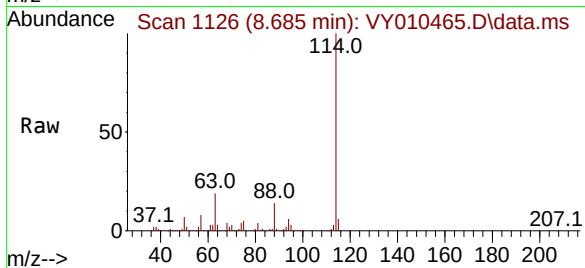




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

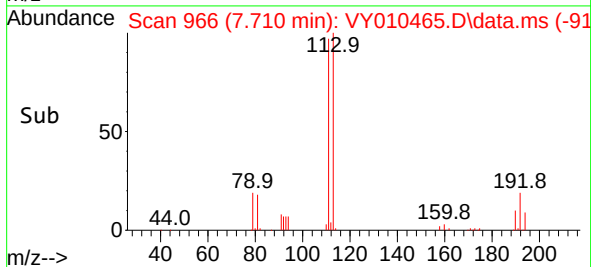
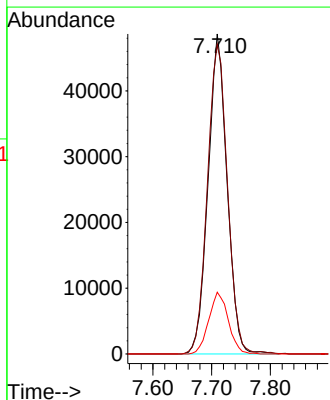
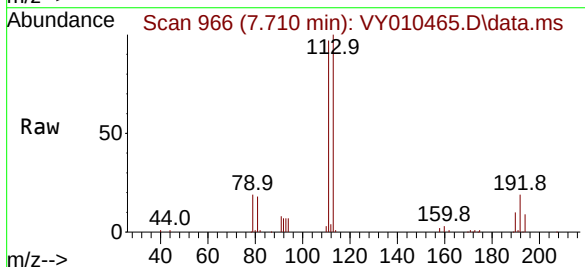
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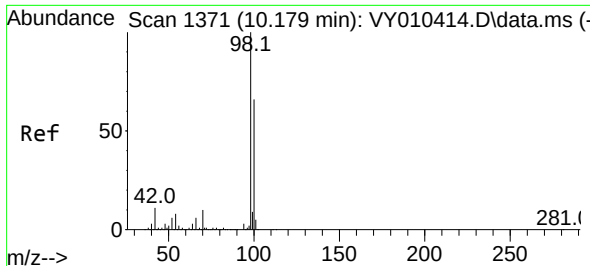
Tgt Ion:114 Resp: 358520
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.2
88 14.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 42.916 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion:113 Resp: 109274
Ion Ratio Lower Upper
113 100
111 101.9 82.6 124.0
192 19.8 17.6 26.4

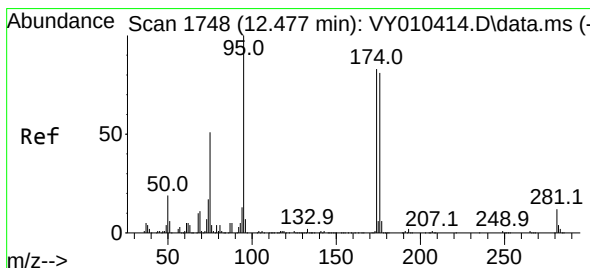
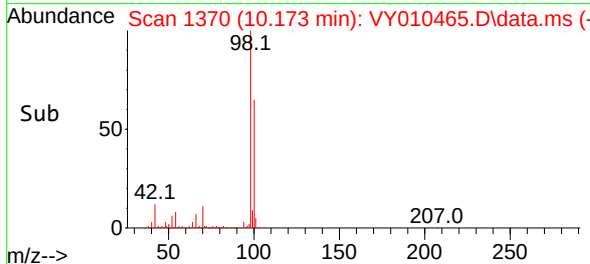
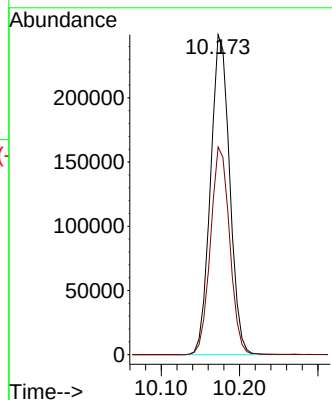
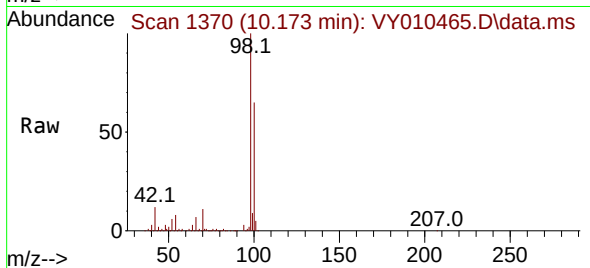




#50
Toluene-d8
Concen: 51.288 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

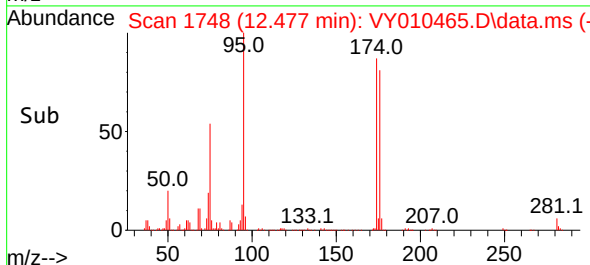
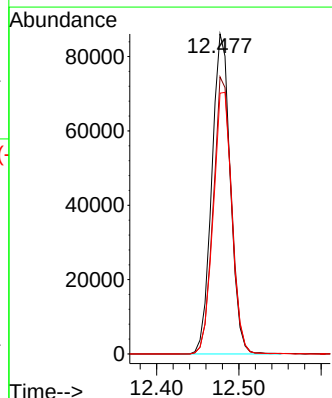
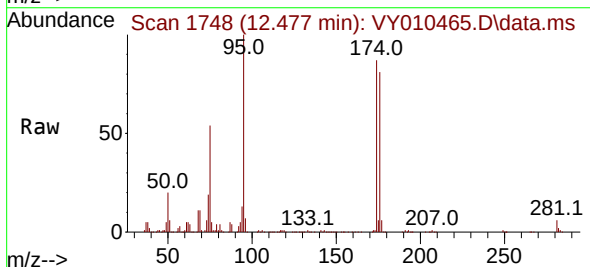
Instrument :
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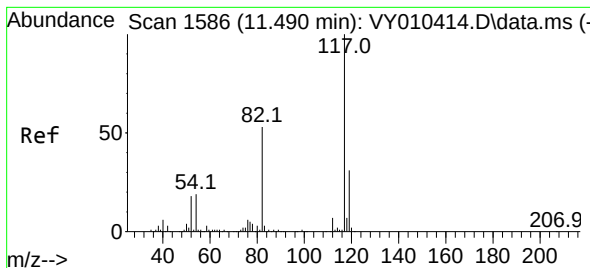
Tgt Ion: 98 Resp: 423239
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.098 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010465.D
Acq: 13 Sep 2022 17:42

Tgt Ion: 95 Resp: 135148
Ion Ratio Lower Upper
95 100
174 86.0 0.0 177.0
176 82.6 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: VY010465.D

Acq: 13 Sep 2022 17:42

Instrument :

MSVOA_Y

ClientSampleId :

S1-SO_PW001-20220902

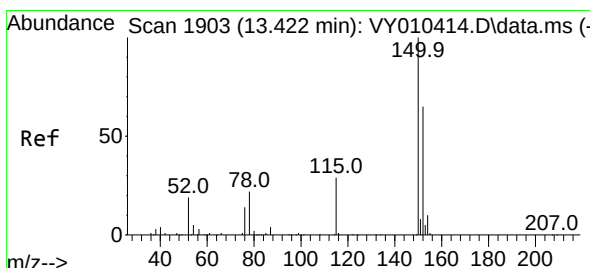
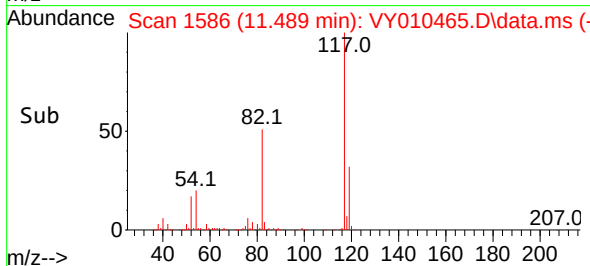
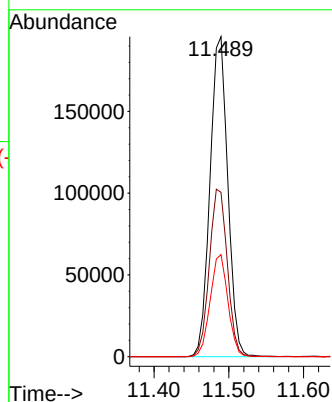
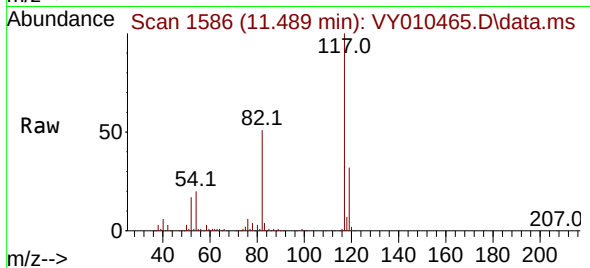
Tgt Ion:117 Resp: 323073

Ion Ratio Lower Upper

117 100

82 51.3 43.0 64.4

119 31.9 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: VY010465.D

Acq: 13 Sep 2022 17:42

Tgt Ion:152 Resp: 138117

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 158.3 0.0 347.6

