

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090922\
 Data File : VY010436.D
 Acq On : 09 Sep 2022 22:26
 Operator : KP/MD
 Sample : N4520-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 600540642

Quant Time: Sep 12 03:01:41 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	7.789	168	198880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	313944	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144881	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106907	53.372	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.740%
35) Dibromofluoromethane	7.716	113	103191	43.482	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.960%
50) Toluene-d8	10.179	98	394162	51.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.483	95	132670	42.607	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.220%

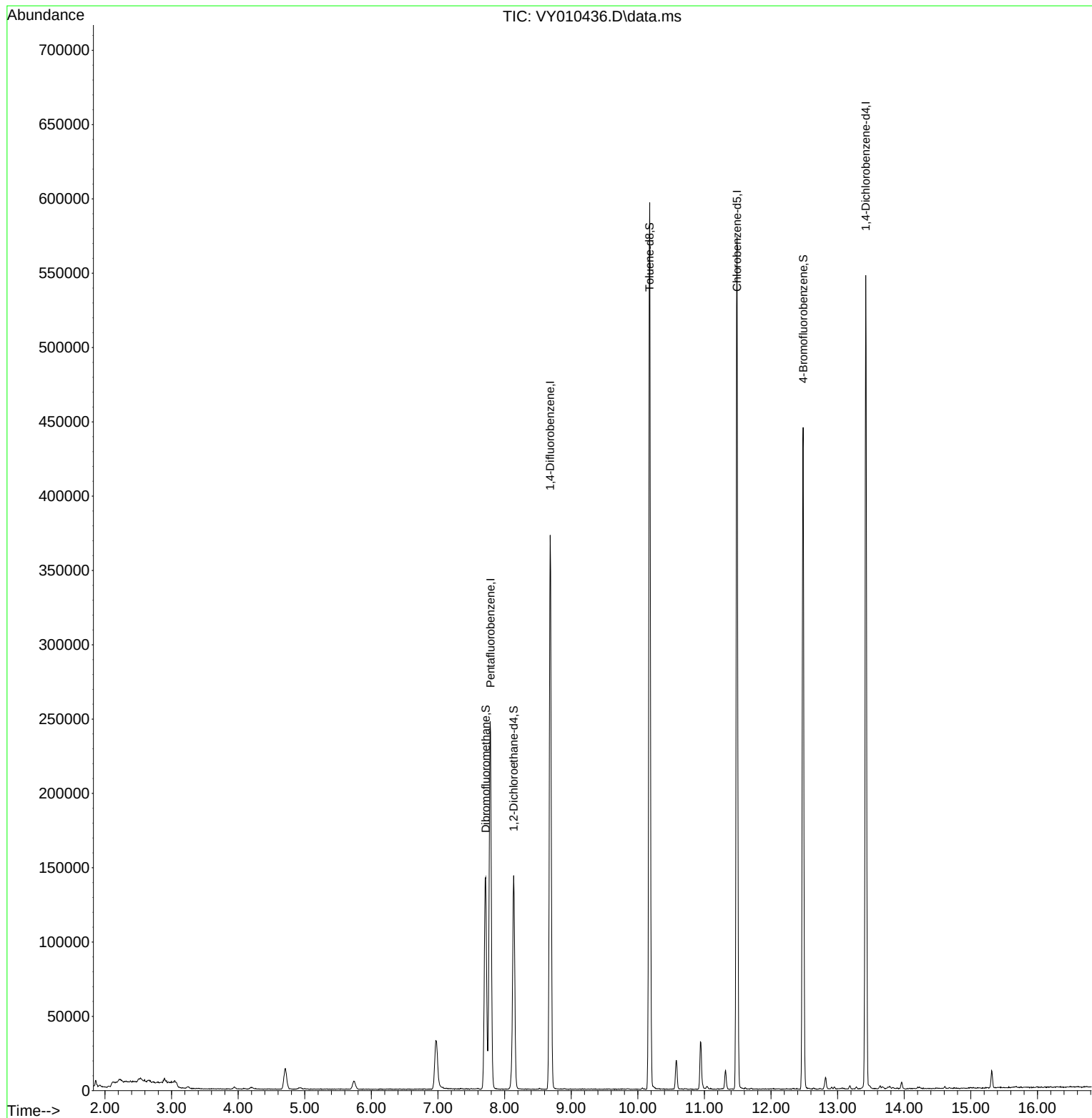
Target Compounds	Qvalue

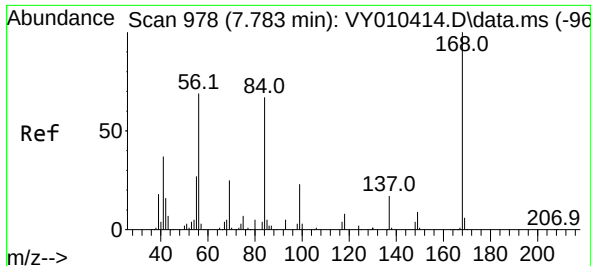
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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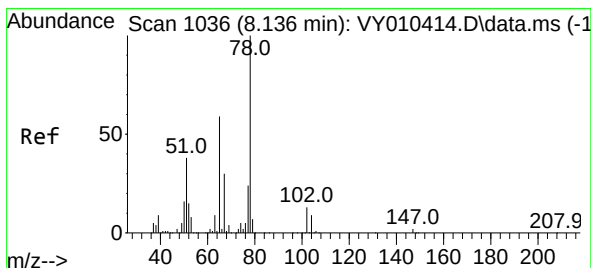
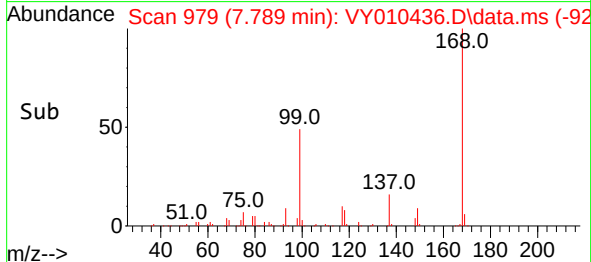
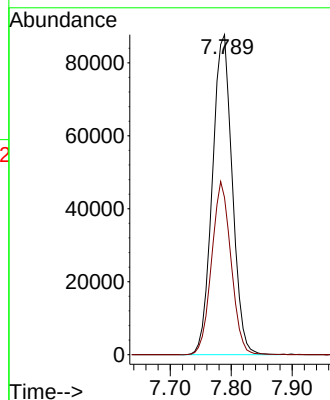
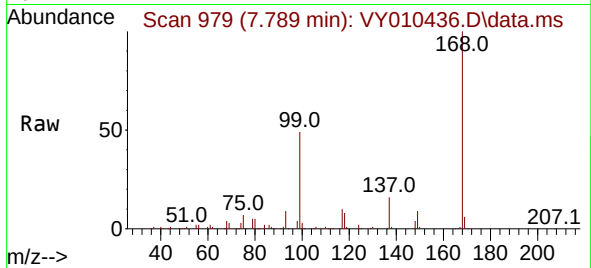




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

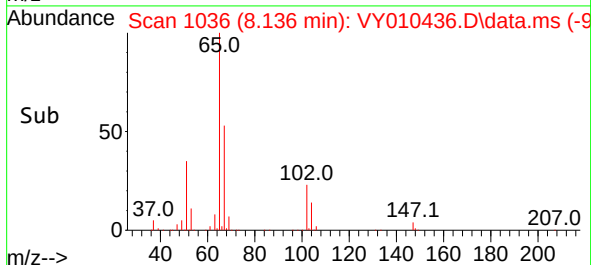
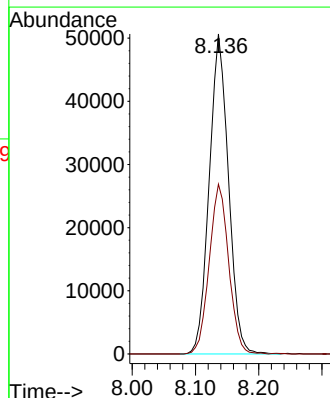
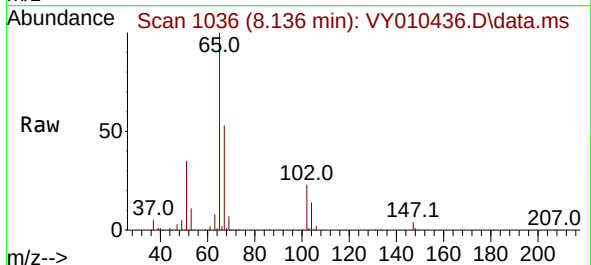
Instrument :
MSVOA_Y
ClientSampleId :
600540642

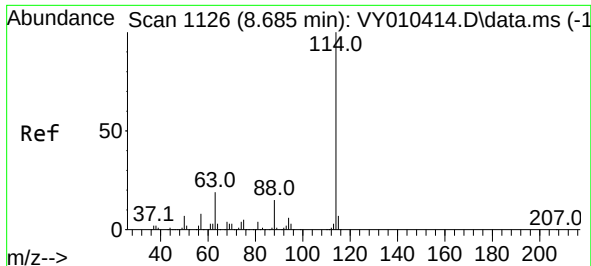
Tgt Ion:168 Resp: 198880
Ion Ratio Lower Upper
168 100
99 49.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.372 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion: 65 Resp: 106907
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

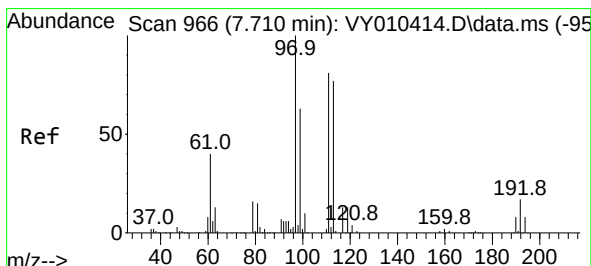
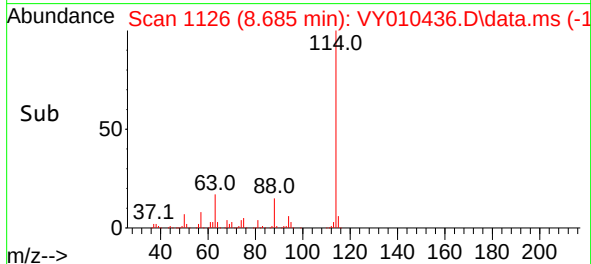
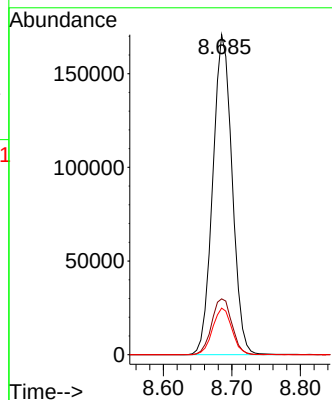
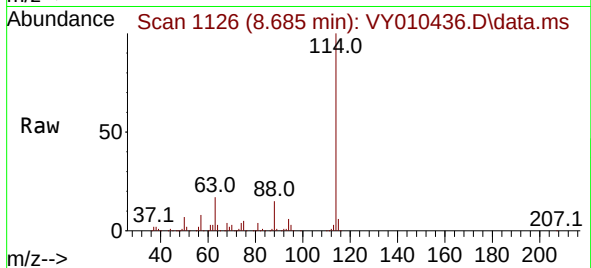




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

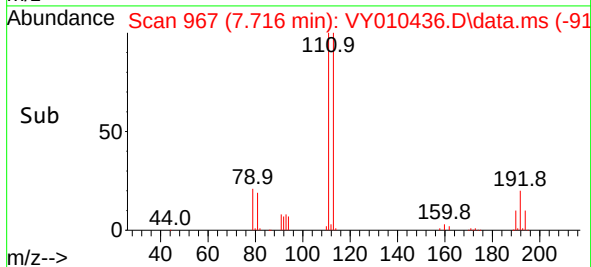
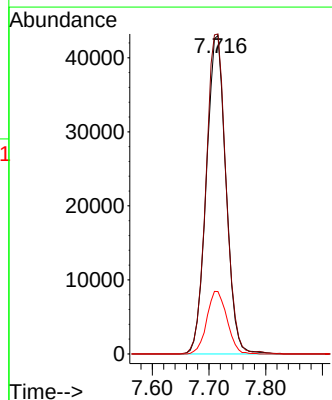
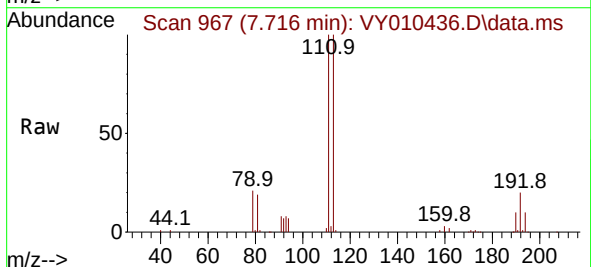
Instrument :
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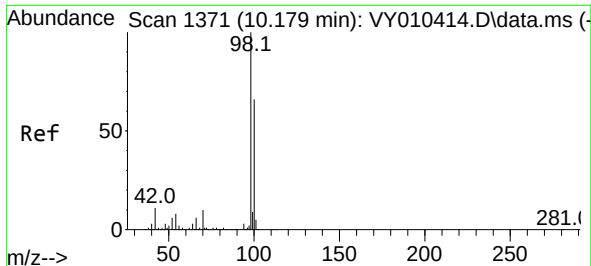
Tgt Ion:114 Resp: 334156
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 43.482 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion:113 Resp: 103191
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 20.2 17.6 26.4

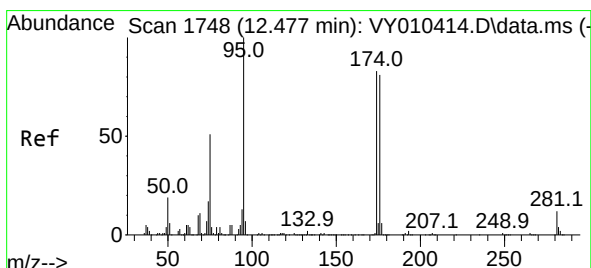
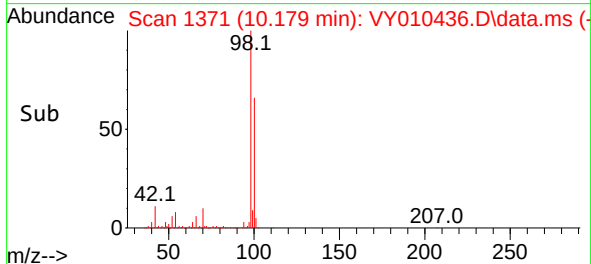
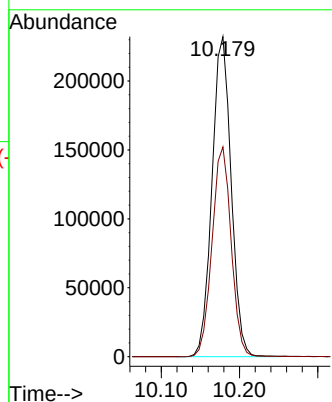
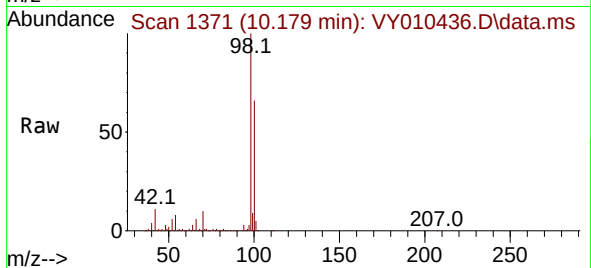




#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

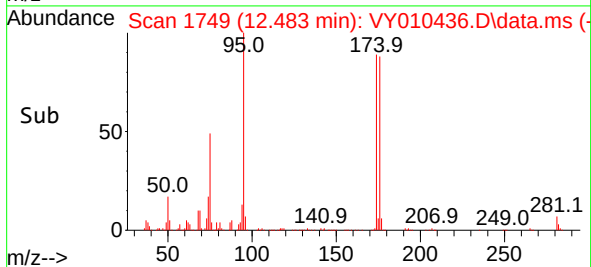
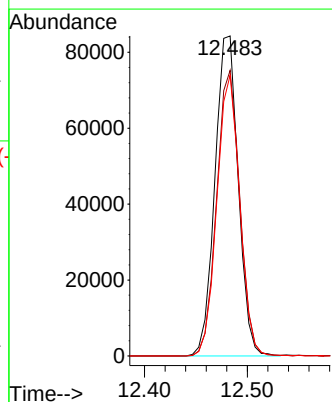
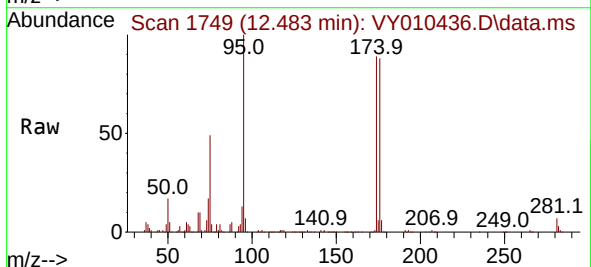
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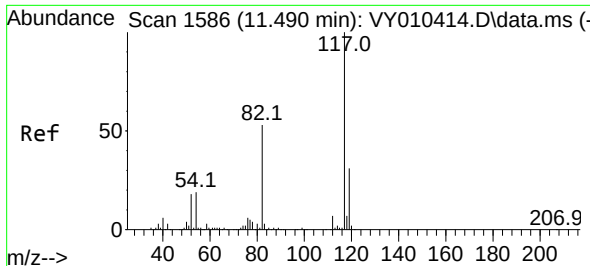
Tgt Ion: 98 Resp: 394162
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.607 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010436.D
Acq: 09 Sep 2022 22:26

Tgt Ion: 95 Resp: 132670
Ion Ratio Lower Upper
95 100
174 88.4 0.0 177.0
176 85.8 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: VY010436.D

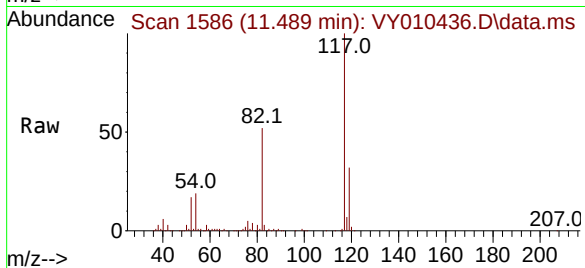
Acq: 09 Sep 2022 22:26

Instrument :

MSVOA_Y

ClientSampleId :

600540642



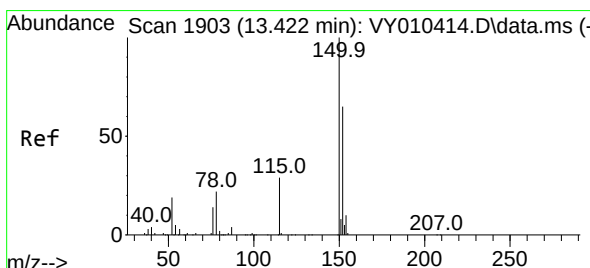
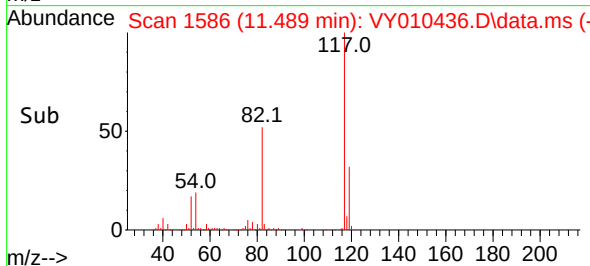
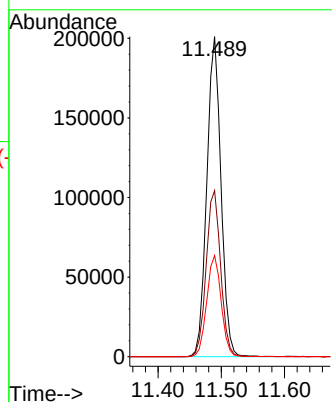
Tgt Ion:117 Resp: 313944

Ion Ratio Lower Upper

117 100

82 51.9 43.0 64.4

119 31.6 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: VY010436.D

Acq: 09 Sep 2022 22:26

Tgt Ion:152 Resp: 144881

Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

150 156.8 0.0 347.6

