

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009216.D
 Acq On : 17 Jun 2022 11:00
 Operator : KP/MD
 Sample : VY0617SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBL01

Quant Time: Jun 17 14:14:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	341037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	321927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	144921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	118797	57.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.440%
35) Dibromofluoromethane	7.710	113	105794	49.479	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.960%
50) Toluene-d8	10.179	98	412536	50.685	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.360%
62) 4-Bromofluorobenzene	12.477	95	153425	53.045	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.100%

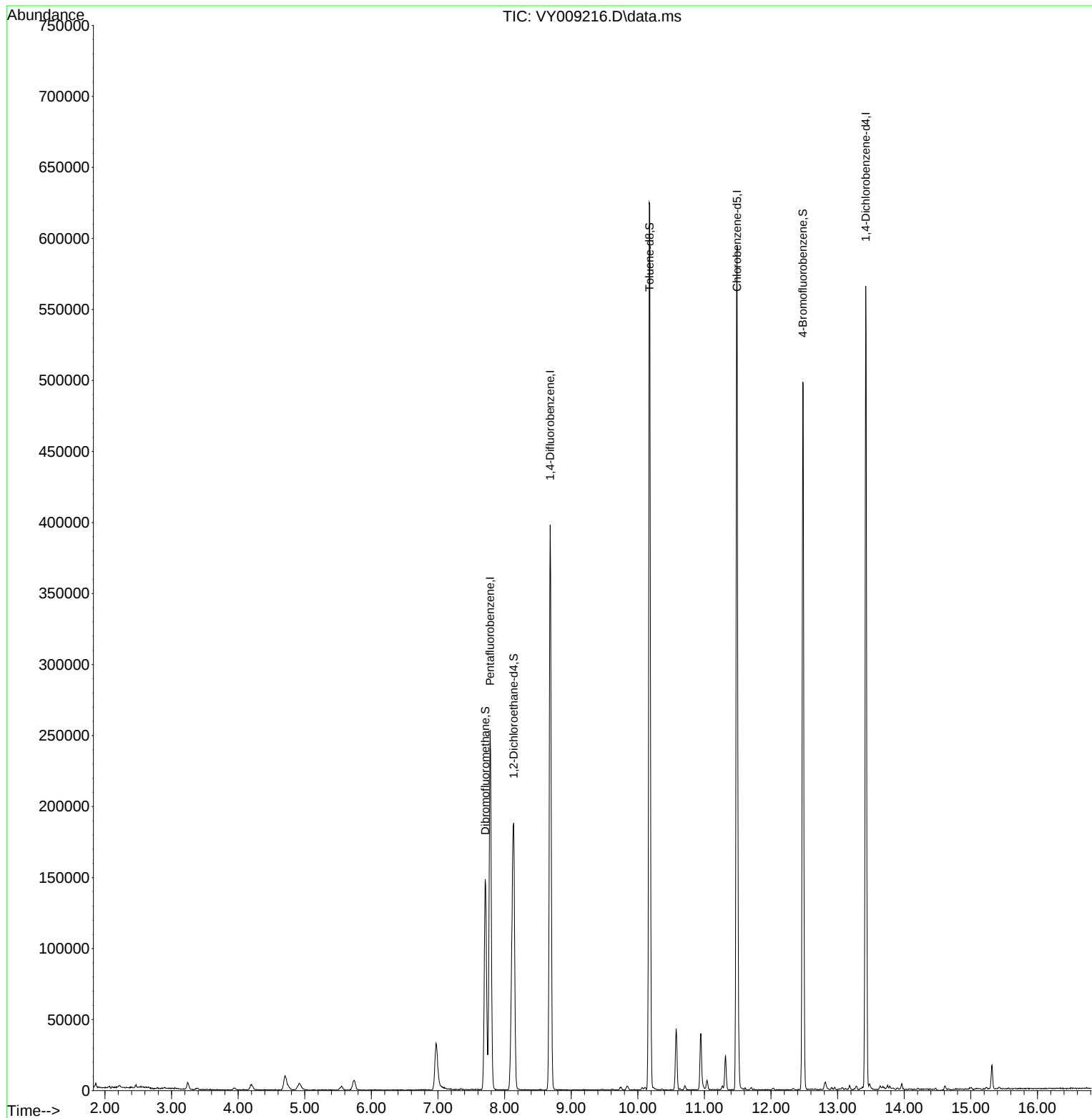
Target Compounds	Qvalue

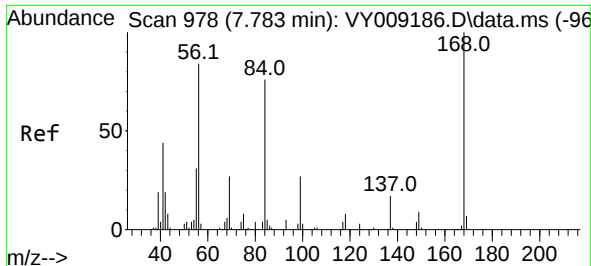
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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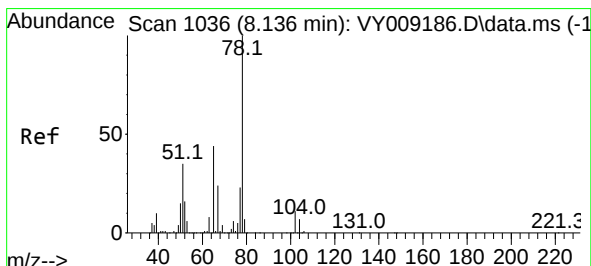
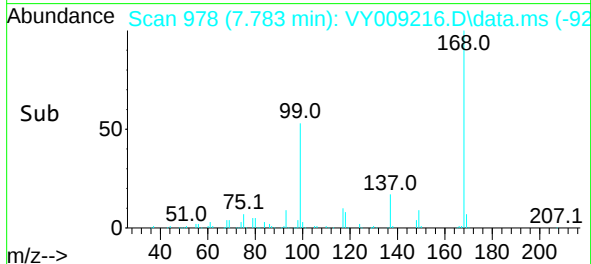
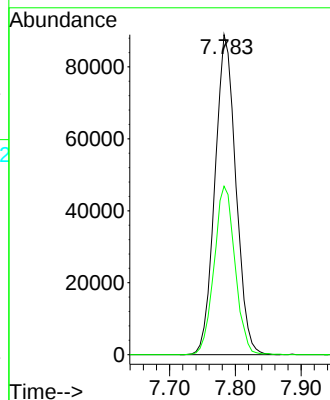
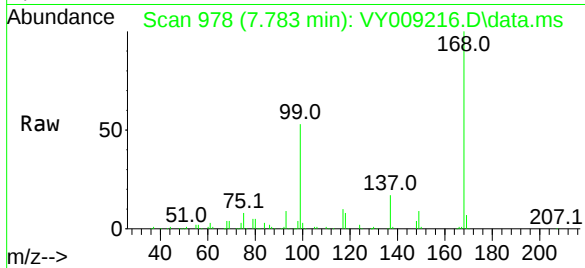




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

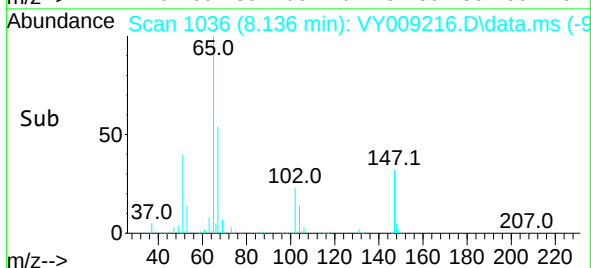
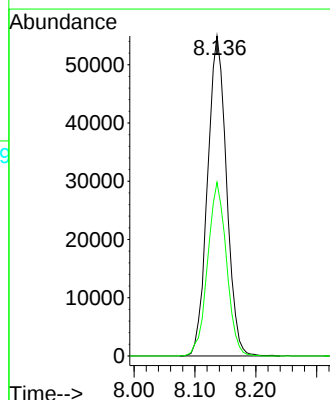
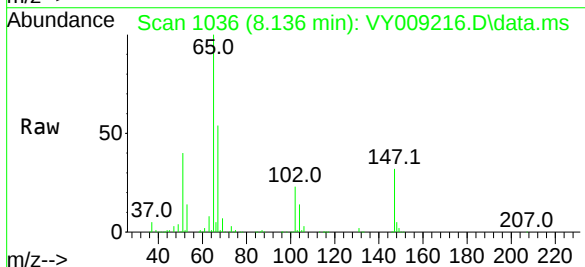
Instrument :
MSVOA_Y
ClientSampleId :
VY0617SBL01

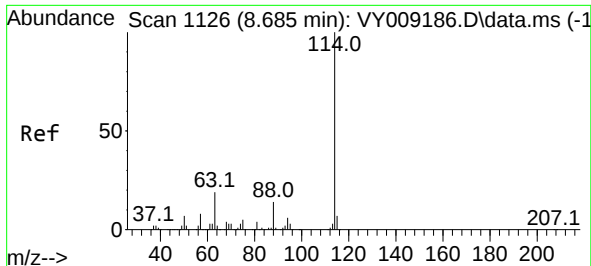
Tgt Ion:168 Resp: 197029
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.720 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Tgt Ion: 65 Resp: 118797
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0617SBL01

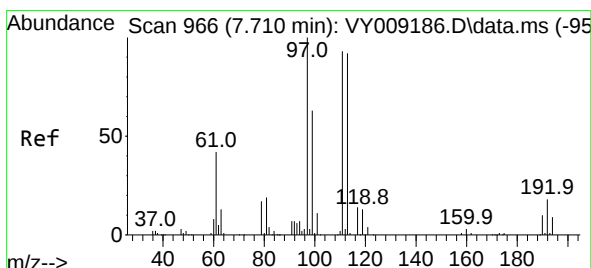
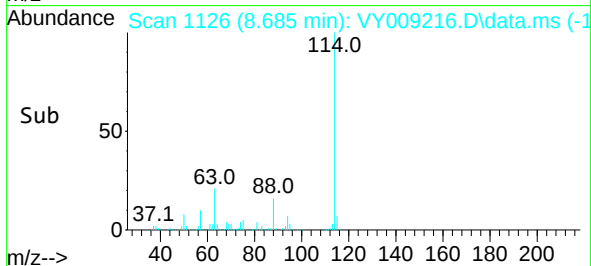
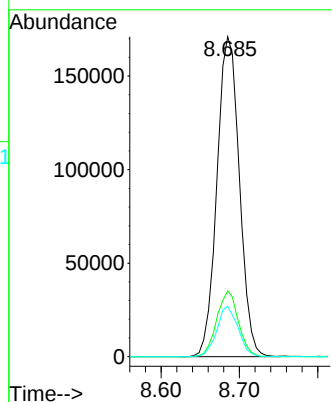
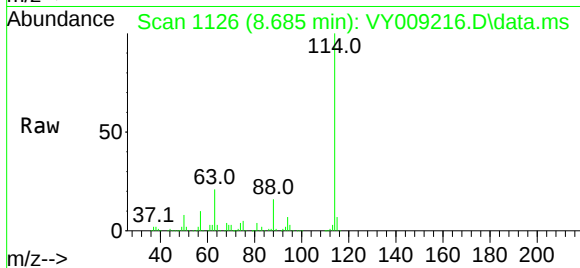
Tgt Ion:114 Resp: 341037

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.479 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

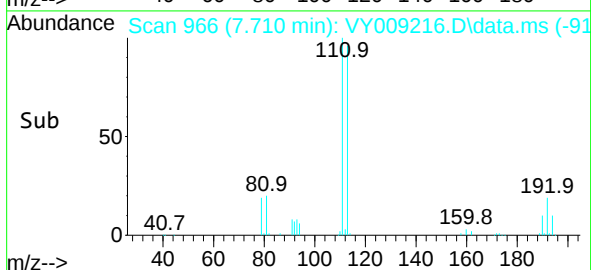
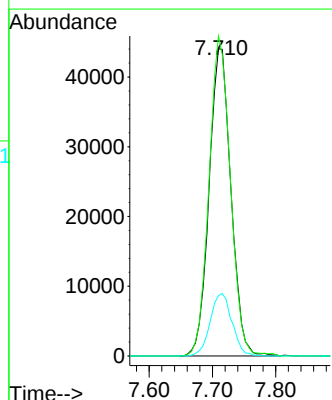
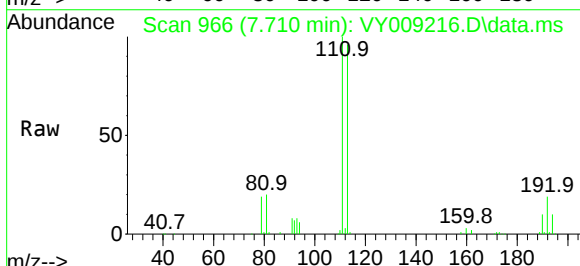
Tgt Ion:113 Resp: 105794

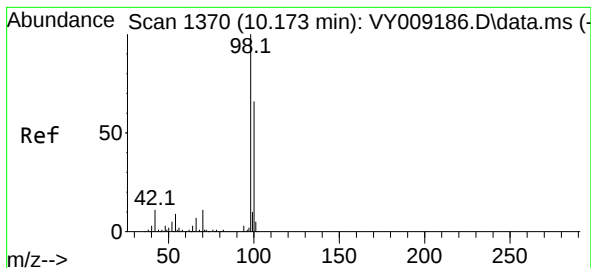
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.2 17.6 26.4

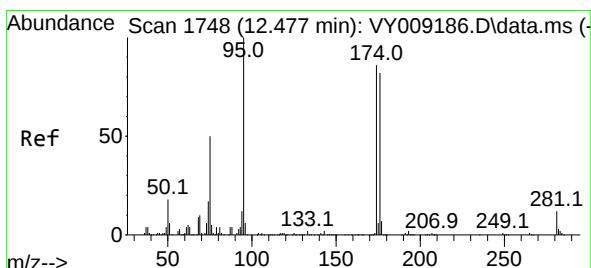
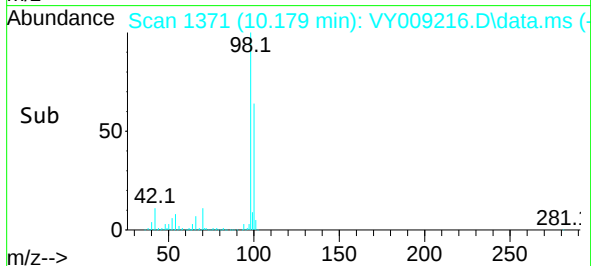
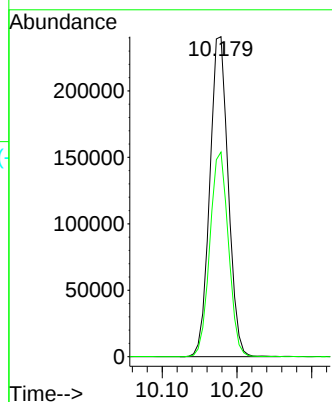
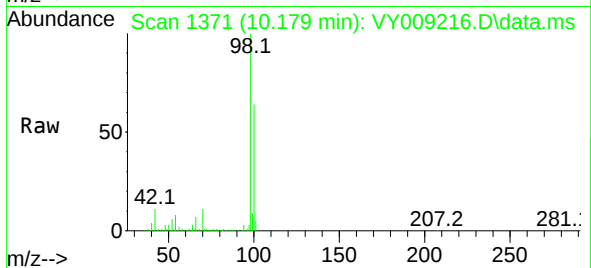




#50
Toluene-d8
Concen: 50.685 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

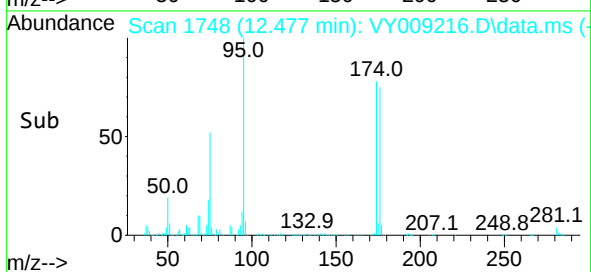
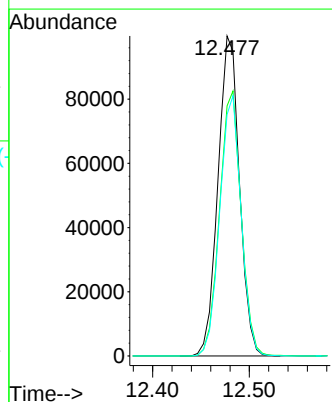
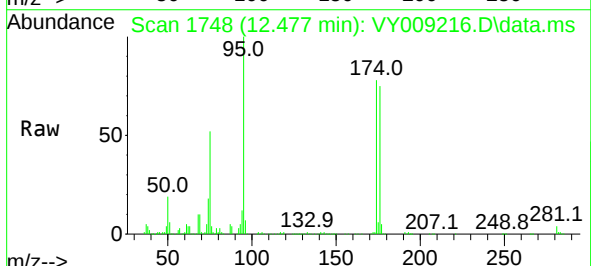
Instrument :
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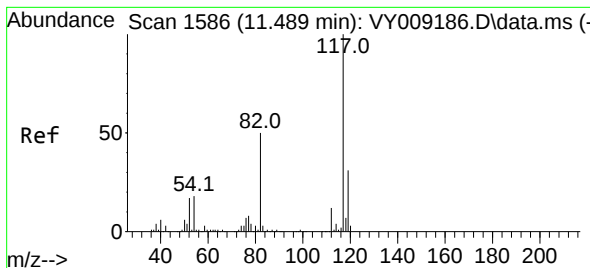
Tgt Ion: 98 Resp: 412536
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.045 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009216.D
Acq: 17 Jun 2022 11:00

Tgt Ion: 95 Resp: 153425
Ion Ratio Lower Upper
95 100
174 83.1 0.0 177.0
176 80.8 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

Lab File: VY009216.D

Acq: 17 Jun 2022 11:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0617SBL01

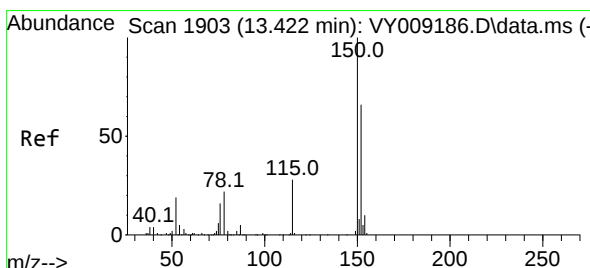
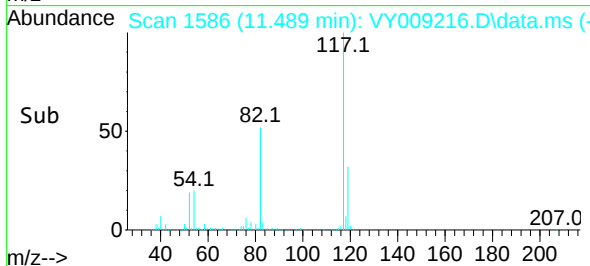
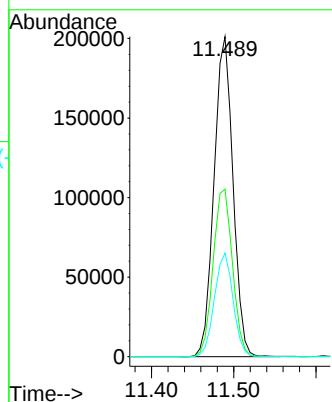
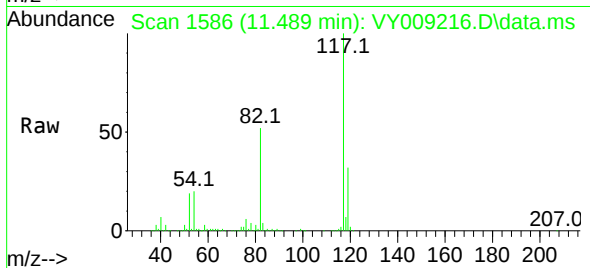
Tgt Ion:117 Resp: 321927

Ion Ratio Lower Upper

117 100

82 52.4 43.0 64.4

119 32.4 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: VY009216.D

Acq: 17 Jun 2022 11:00

Tgt Ion:152 Resp: 144921

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.2 0.0 347.6

