

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009210.D
 Acq On : 16 Jun 2022 18:26
 Operator : KP/MD
 Sample : N3301-02
 Misc : 6.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-214(29-30)

Quant Time: Jun 17 02:27:57 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	221132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	385251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	357831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181917	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	133444	57.769	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.540%
35) Dibromofluoromethane	7.710	113	120613	49.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.880%
50) Toluene-d8	10.179	98	461236	50.164	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.477	95	155323	47.538	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.080%

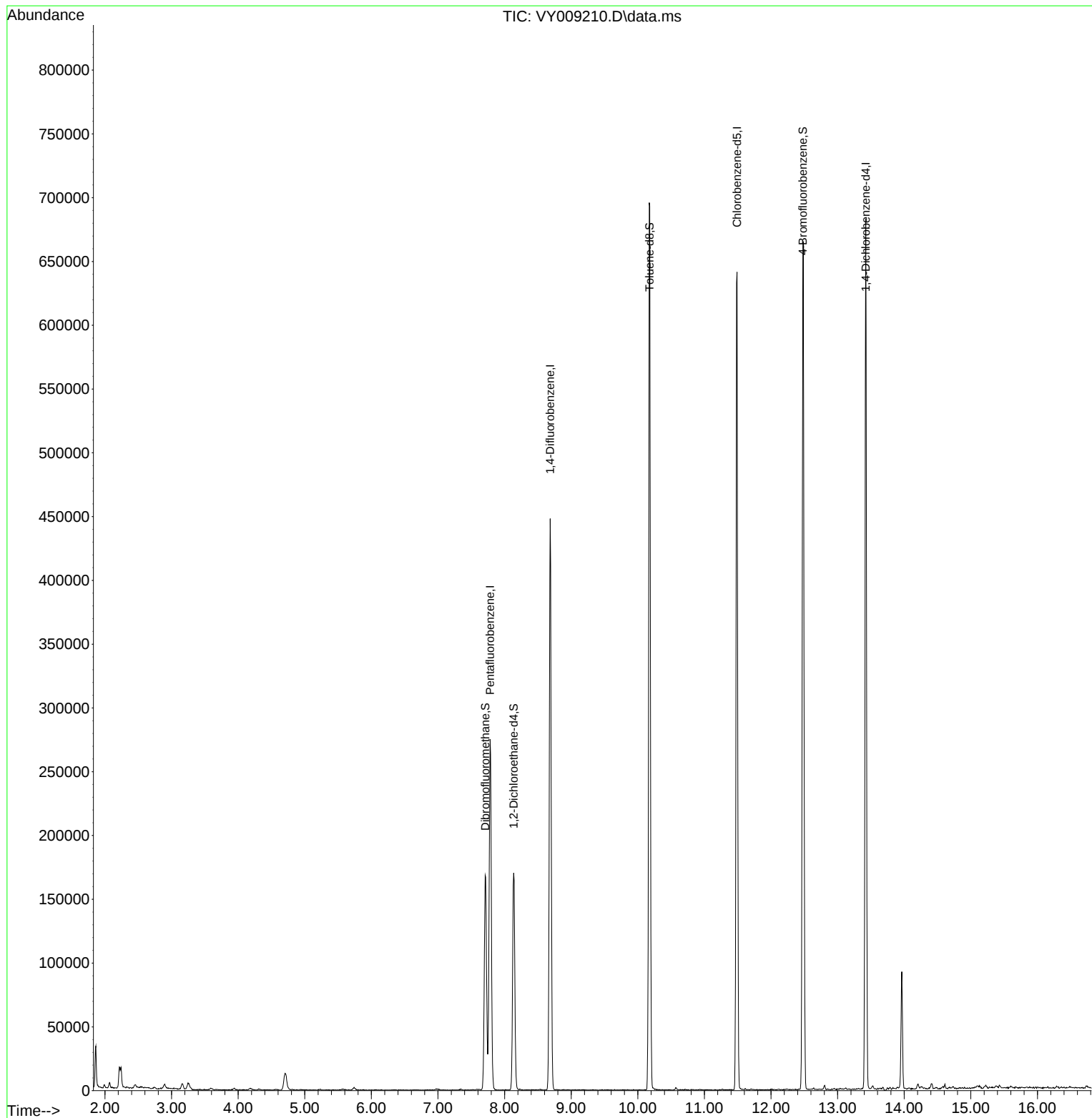
Target Compounds	Qvalue

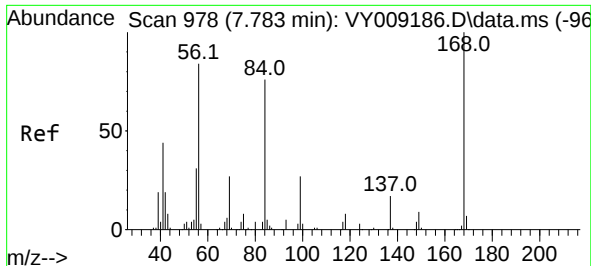
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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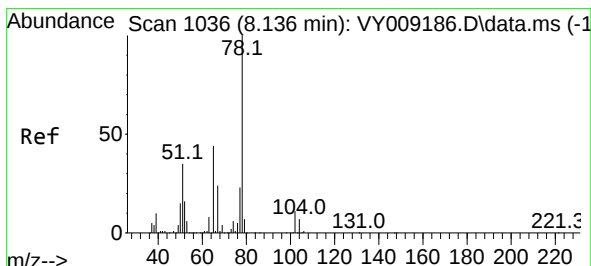
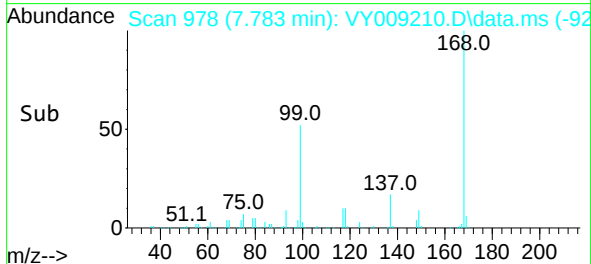
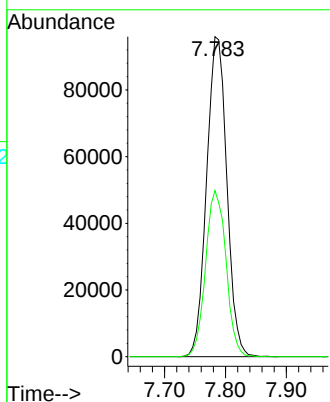
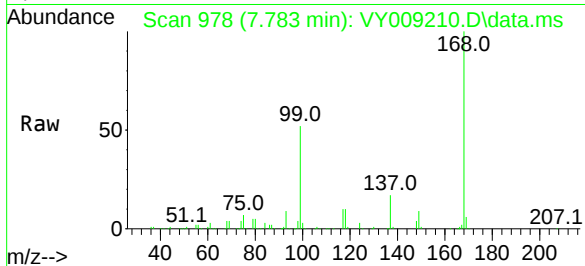




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009210.D
Acq: 16 Jun 2022 18:26

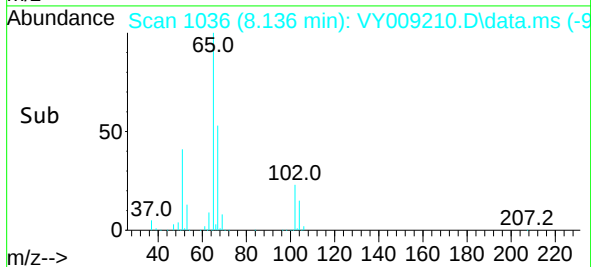
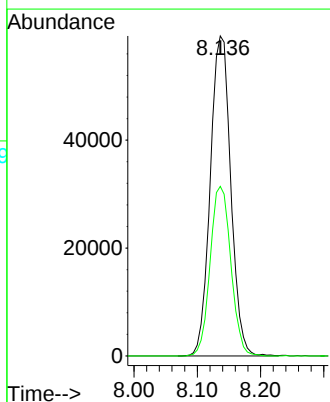
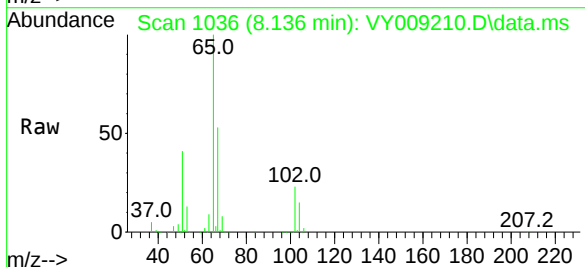
Instrument :
MSVOA_Y
ClientSampleId :
B-214(29-30)

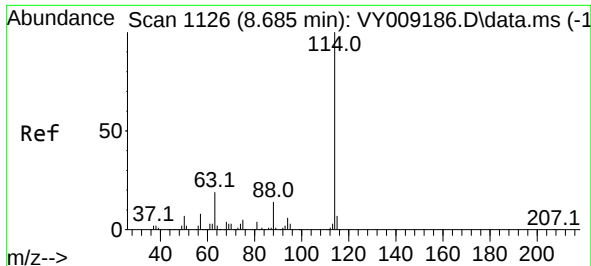
Tgt Ion:168 Resp: 221132
Ion Ratio Lower Upper
168 100
99 51.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 57.769 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009210.D
Acq: 16 Jun 2022 18:26

Tgt Ion: 65 Resp: 133444
Ion Ratio Lower Upper
65 100
67 53.6 0.0 99.4

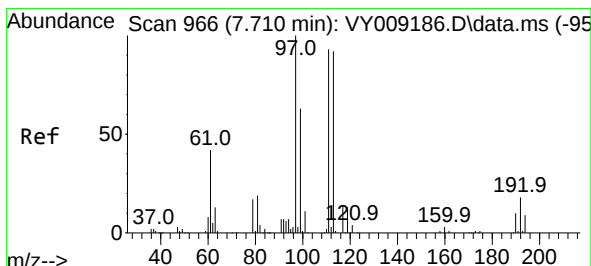
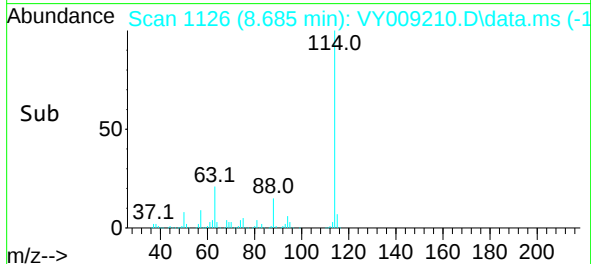
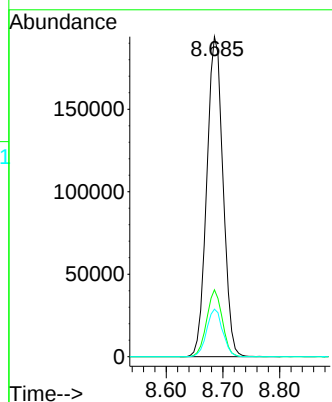
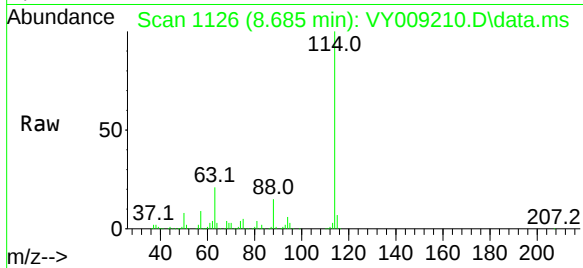




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009210.D
Acq: 16 Jun 2022 18:26

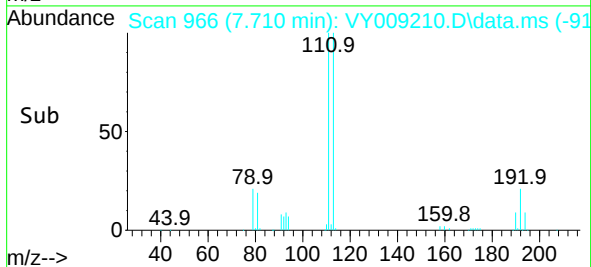
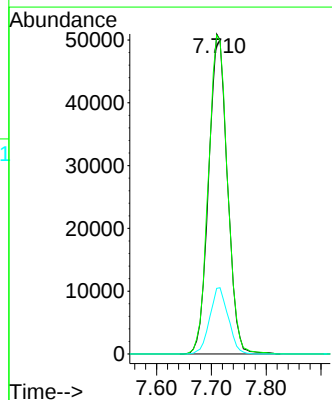
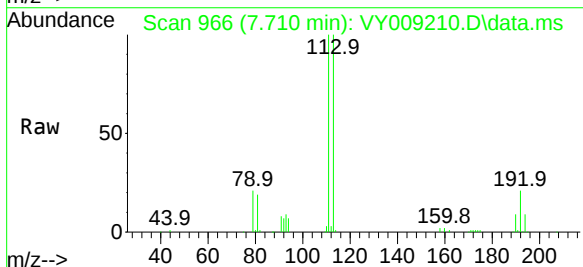
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ClientSampleId :
B-214(29-30)

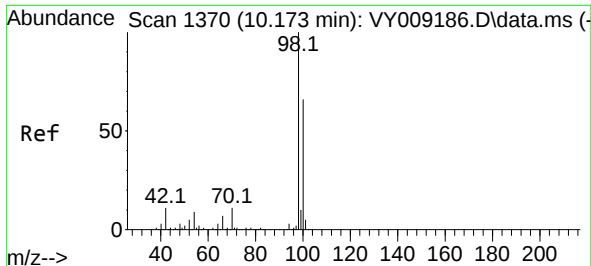
Tgt Ion:114 Resp: 385251
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 14.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.935 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009210.D
Acq: 16 Jun 2022 18:26

Tgt Ion:113 Resp: 120613
Ion Ratio Lower Upper
113 100
111 101.7 82.6 124.0
192 20.4 17.6 26.4

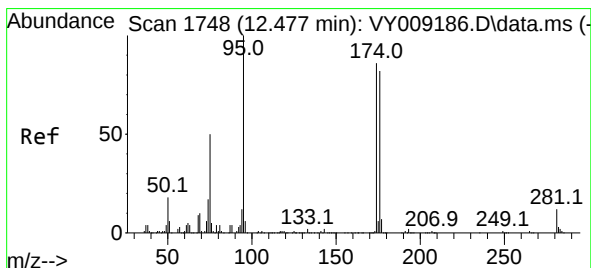
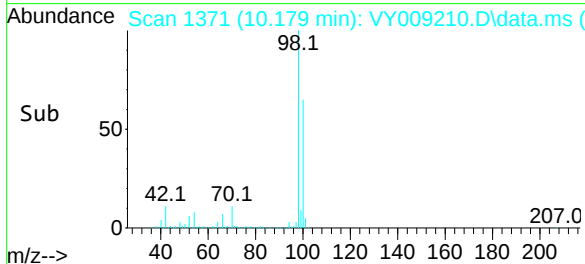
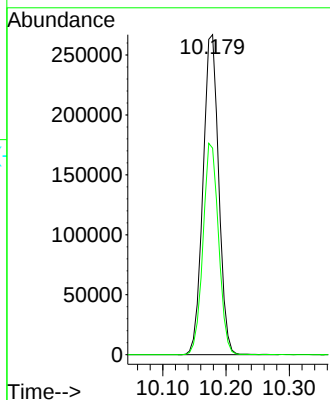
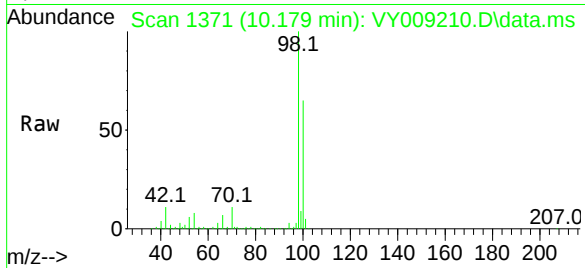




#50
Toluene-d8
Concen: 50.164 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009210.D
Acq: 16 Jun 2022 18:26

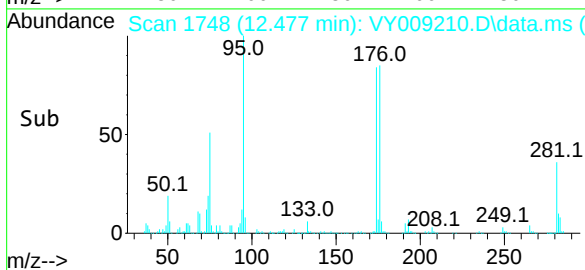
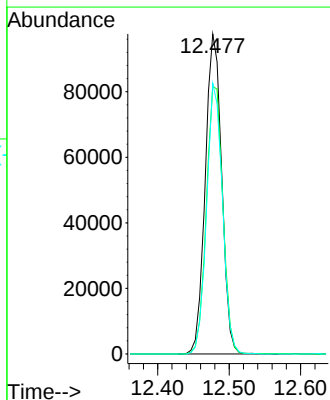
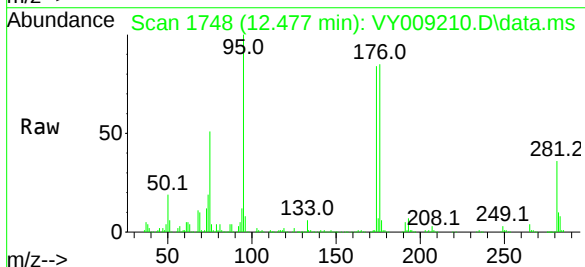
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B-214(29-30)

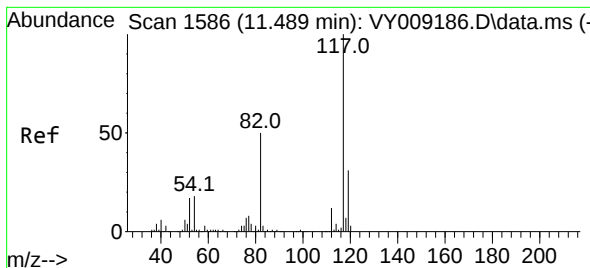
Tgt Ion: 98 Resp: 461236
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009210.D
Acq: 16 Jun 2022 18:26

Tgt Ion: 95 Resp: 155323
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 81.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009210.D

Acq: 16 Jun 2022 18:26

Instrument :

MSVOA_Y

ClientSampleId :

B-214(29-30)

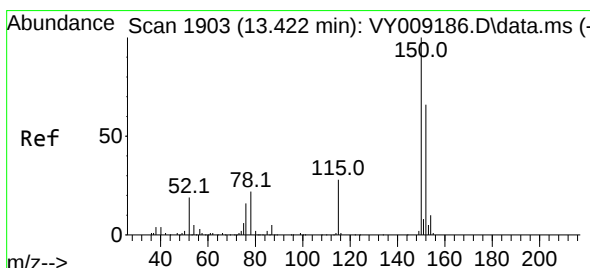
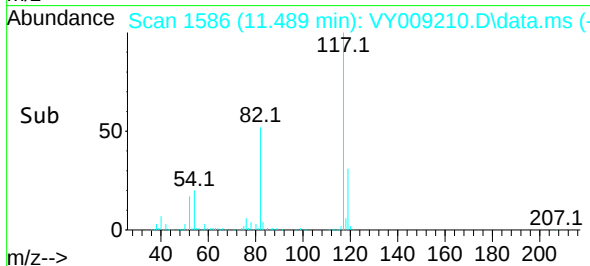
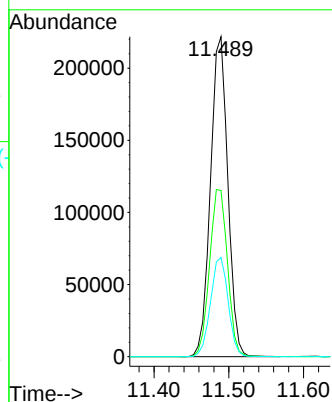
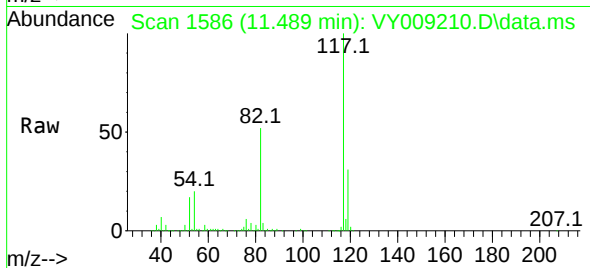
Tgt Ion:117 Resp: 357831

Ion Ratio Lower Upper

117 100

82 52.0 43.0 64.4

119 31.0 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: VY009210.D

Acq: 16 Jun 2022 18:26

Tgt Ion:152 Resp: 181917

Ion Ratio Lower Upper

152 100

115 56.4 28.2 84.7

150 159.6 0.0 347.6

