

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009353.D
 Acq On : 27 Jun 2022 19:10
 Operator : KP/MD
 Sample : N3501-02
 Misc : 7.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2208-35

Quant Time: Jun 28 04:32:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	110937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	183153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77708	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	48381	58.705	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.400%
35) Dibromofluoromethane	7.710	113	49071	49.638	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	144219	49.919	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.477	95	65961	46.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.700%

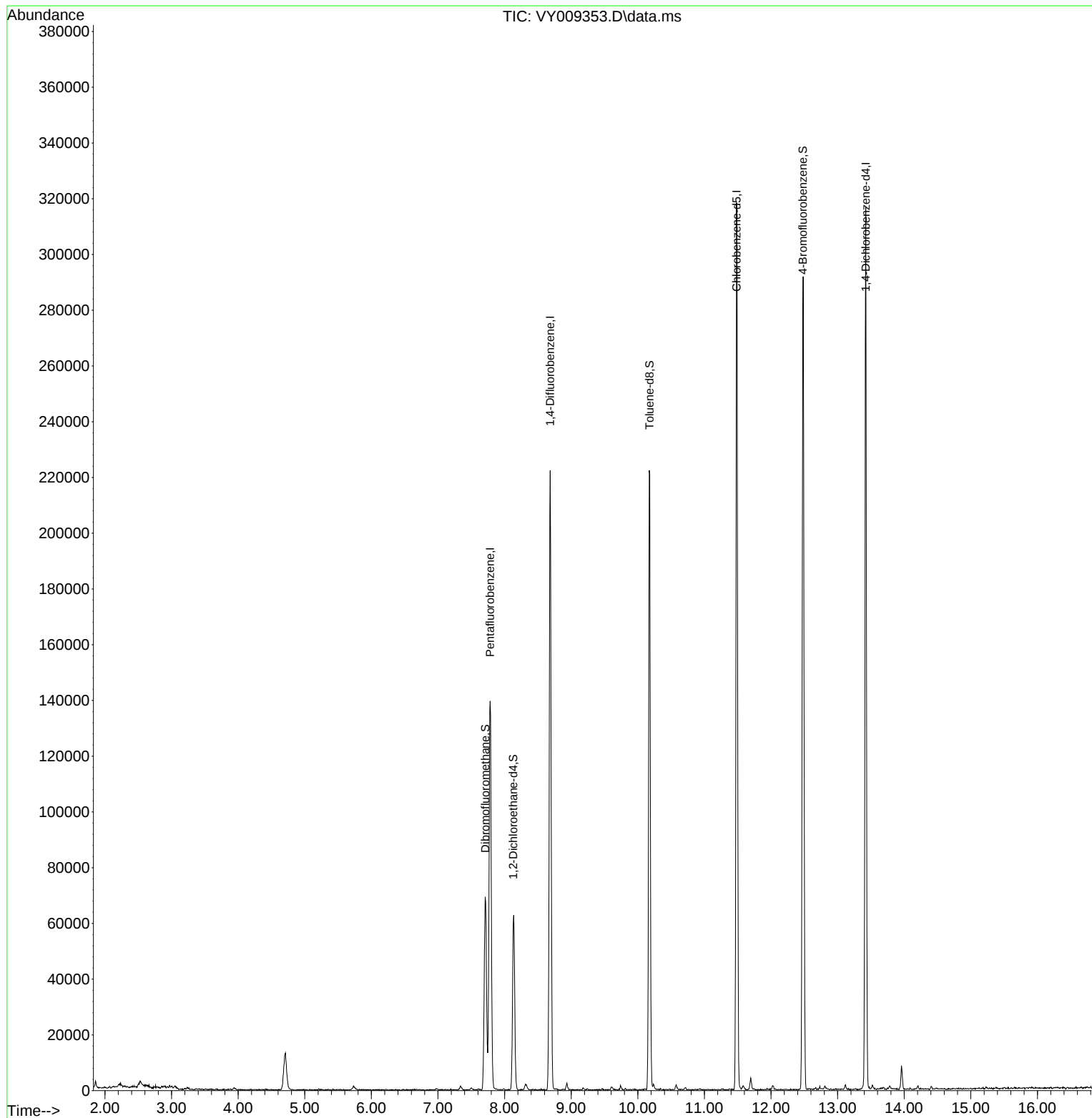
Target Compounds	Qvalue

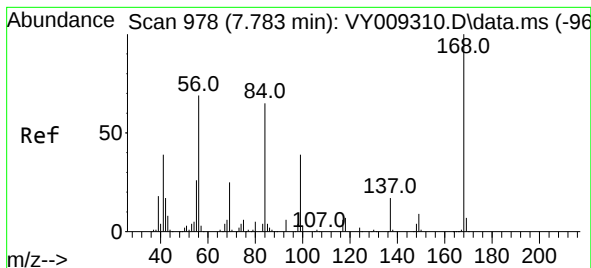
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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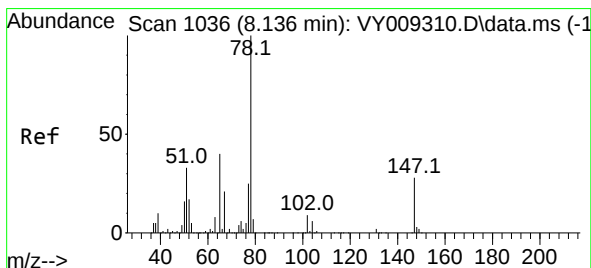
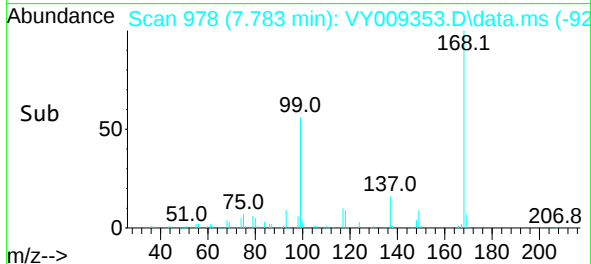
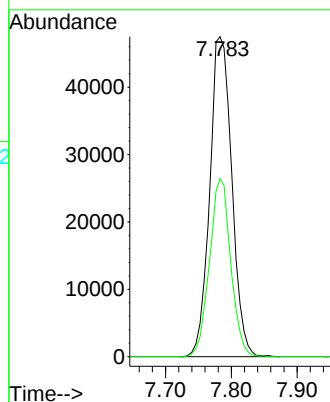
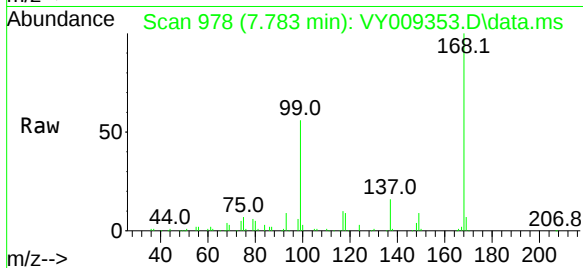




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009353.D
Acq: 27 Jun 2022 19:10

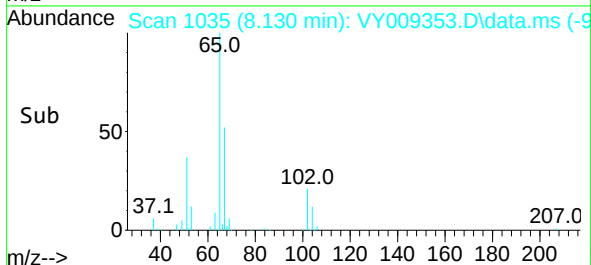
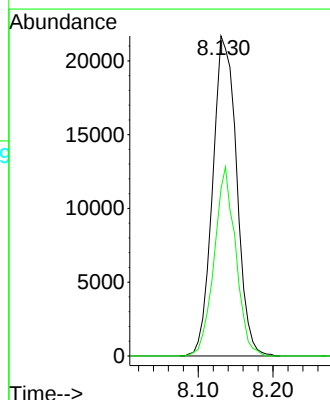
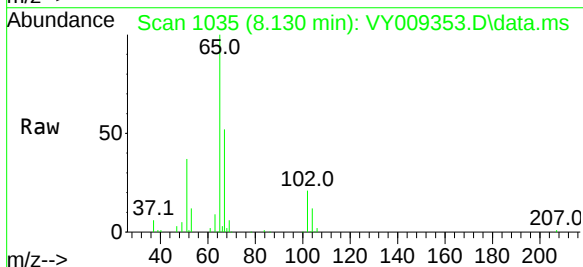
Instrument :
MSVOA_Y
ClientSampleId :
B2208-35

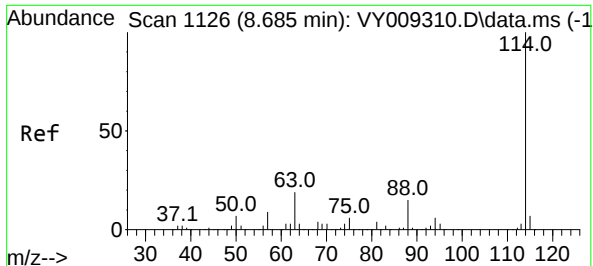
Tgt Ion:168 Resp: 110937
Ion Ratio Lower Upper
168 100
99 55.6 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 58.705 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY009353.D
Acq: 27 Jun 2022 19:10

Tgt Ion: 65 Resp: 48381
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.4

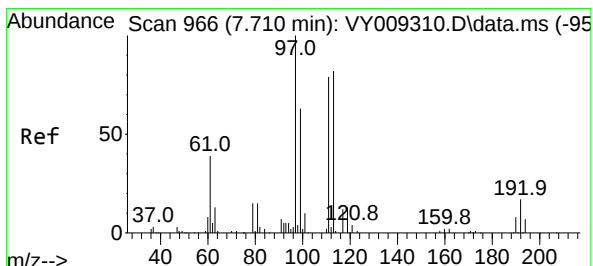
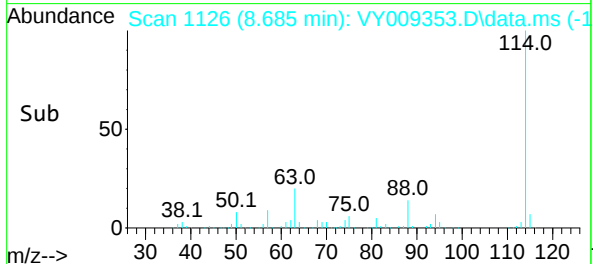
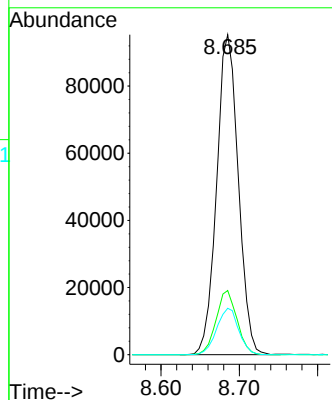
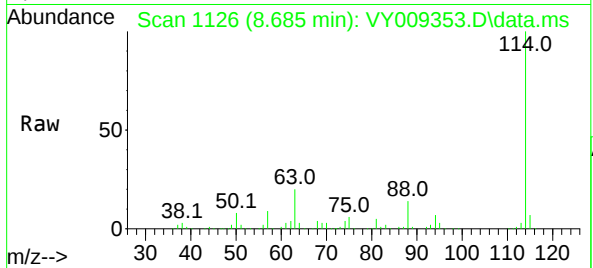




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009353.D
Acq: 27 Jun 2022 19:10

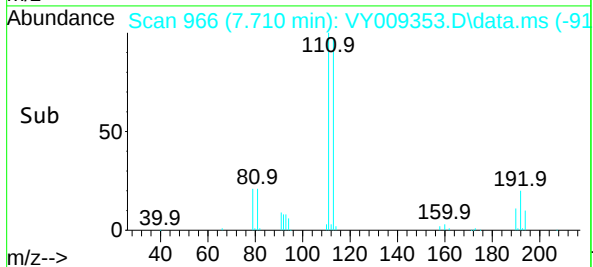
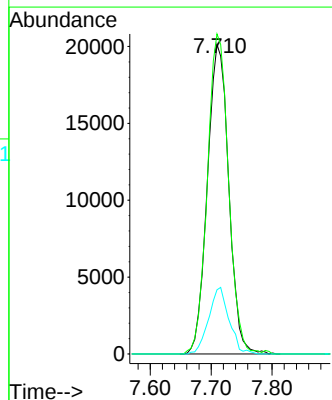
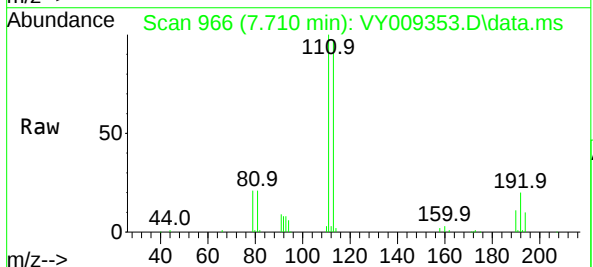
Instrument :
MSVOA_Y
ClientSampleId :
B2208-35

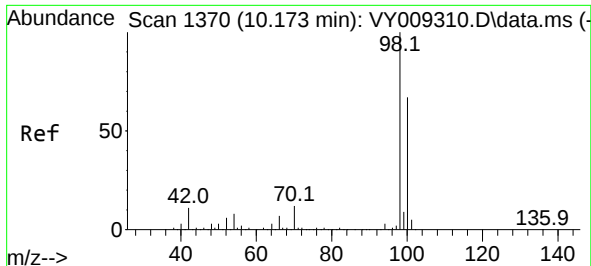
Tgt Ion:114 Resp: 183153
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.0
88 14.5 0.0 30.0



#35
Dibromofluoromethane
Concen: 49.638 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009353.D
Acq: 27 Jun 2022 19:10

Tgt Ion:113 Resp: 49071
Ion Ratio Lower Upper
113 100
111 102.5 80.6 120.8
192 20.5 16.2 24.4

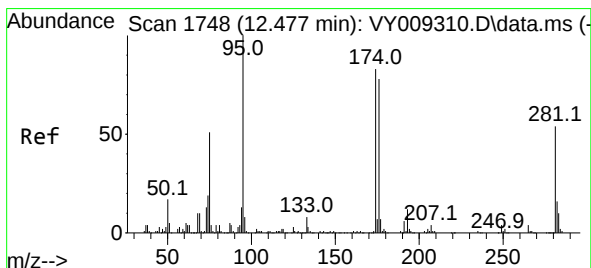
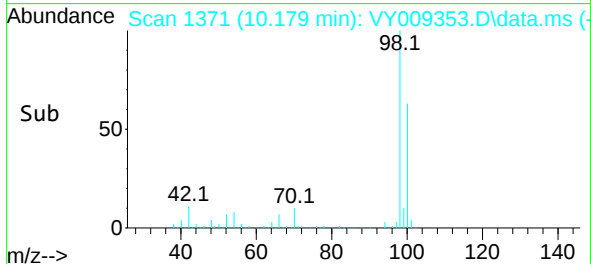
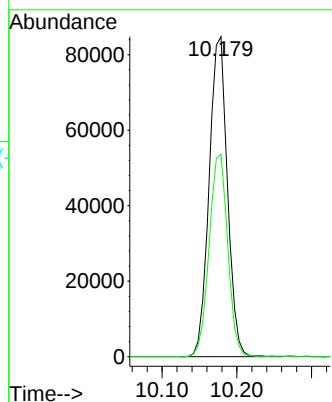
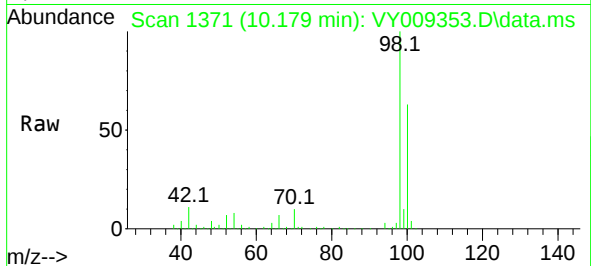




#50
Toluene-d8
Concen: 49.919 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009353.D
Acq: 27 Jun 2022 19:10

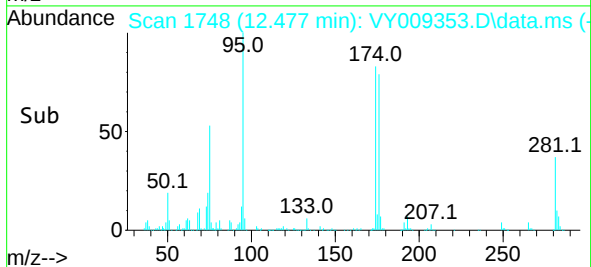
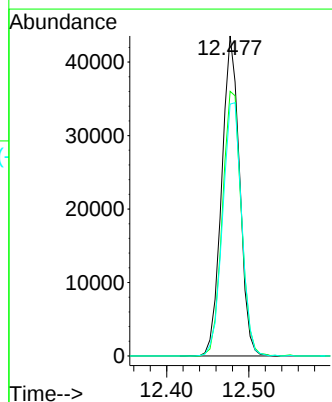
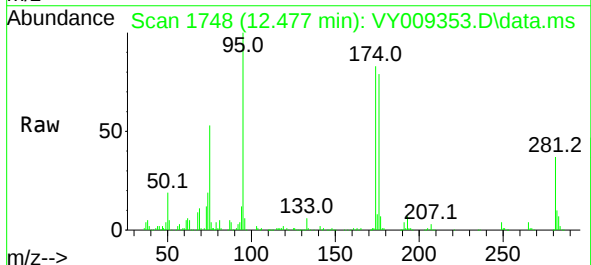
Instrument :
MSVOA_Y
ClientSampleId :
B2208-35

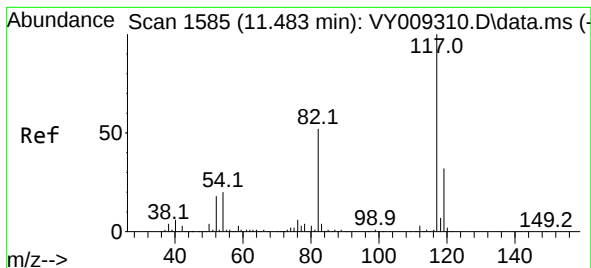
Tgt Ion: 98 Resp: 144219
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009353.D
Acq: 27 Jun 2022 19:10

Tgt Ion: 95 Resp: 65961
Ion Ratio Lower Upper
95 100
174 86.9 0.0 173.8
176 84.2 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009353.D

Acq: 27 Jun 2022 19:10

Instrument :

MSVOA_Y

ClientSampleId :

B2208-35

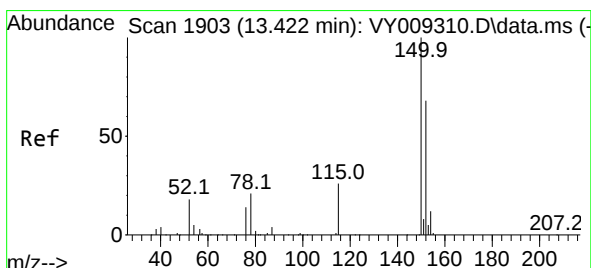
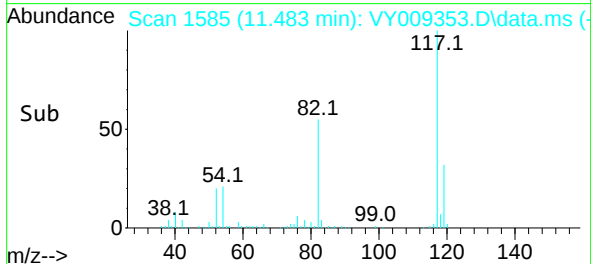
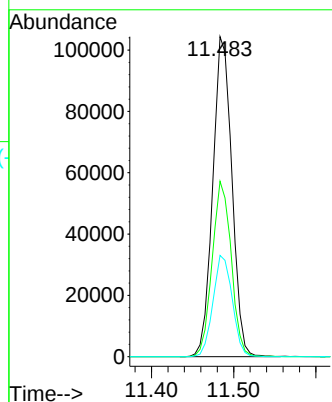
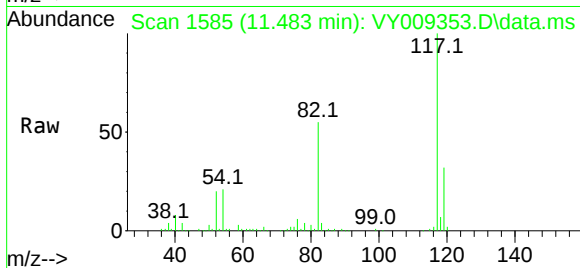
Tgt Ion:117 Resp: 168868

Ion Ratio Lower Upper

117 100

82 54.8 41.8 62.6

119 31.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009353.D

Acq: 27 Jun 2022 19:10

Tgt Ion:152 Resp: 77708

Ion Ratio Lower Upper

152 100

115 57.0 28.6 85.9

150 155.3 0.0 349.8

