

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009257.D
 Acq On : 21 Jun 2022 15:38
 Operator : KP/MD
 Sample : VY0621SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBL01

Quant Time: Jun 22 06:16:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225679	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	386284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	360787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160333	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126709	51.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.240%
35) Dibromofluoromethane	7.710	113	120551	48.188	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.380%
50) Toluene-d8	10.179	98	459690	47.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.660%
62) 4-Bromofluorobenzene	12.477	95	154957	45.887	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.780%

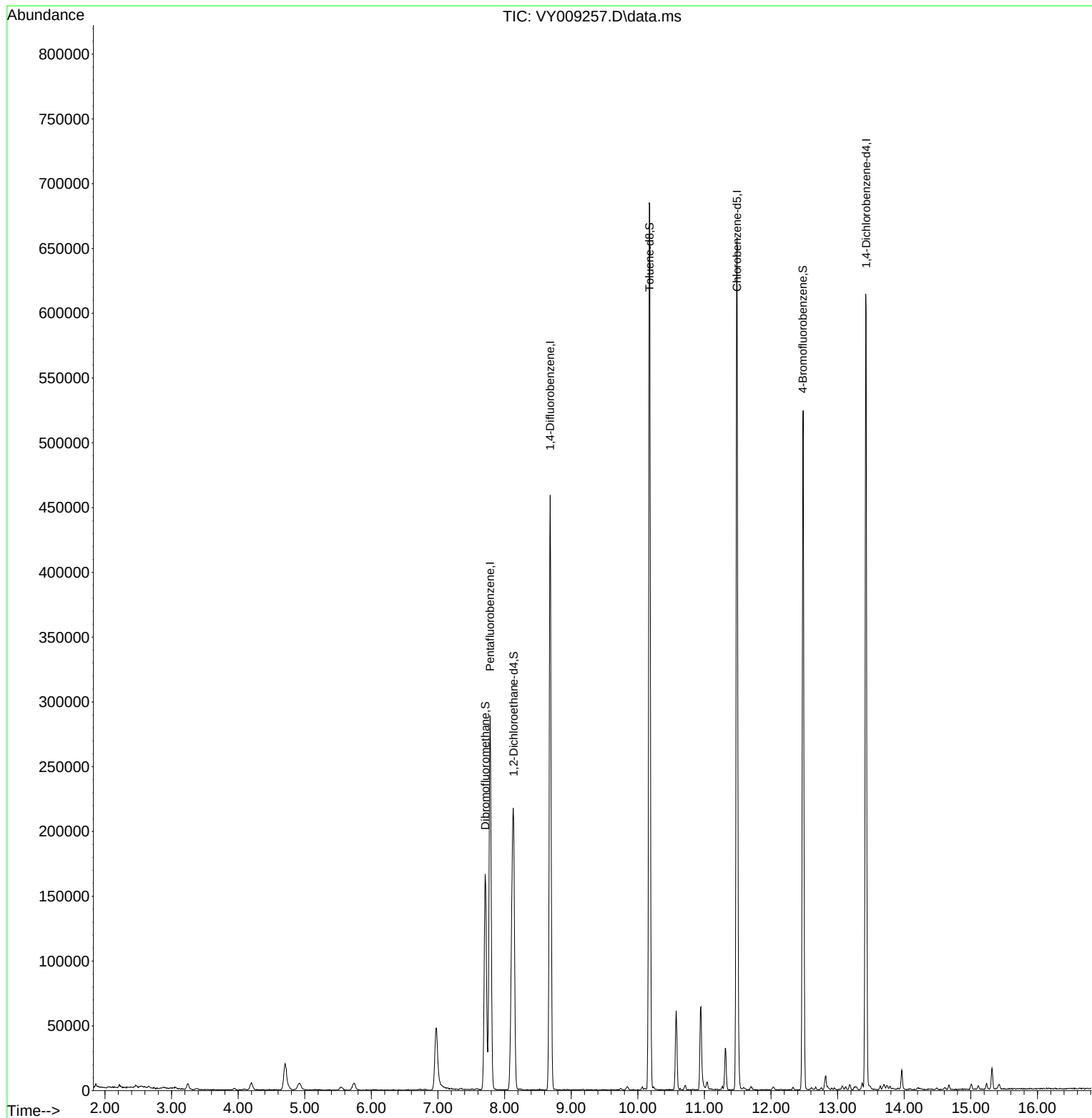
Target Compounds	Qvalue

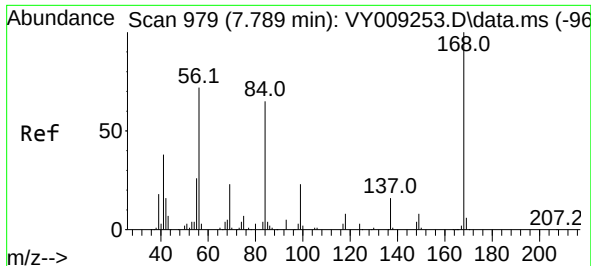
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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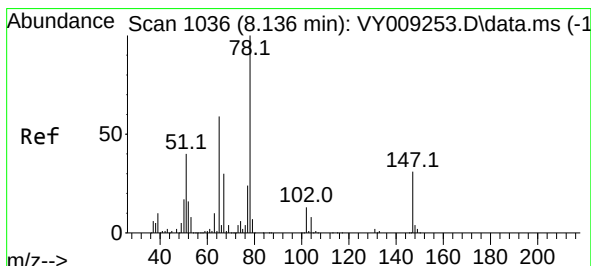
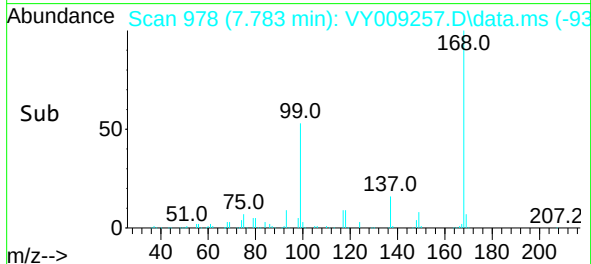
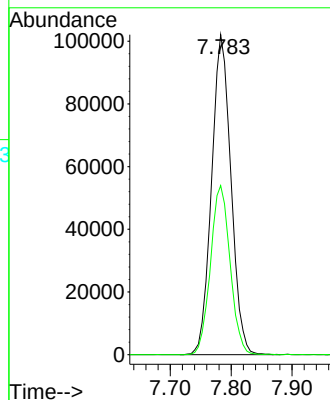
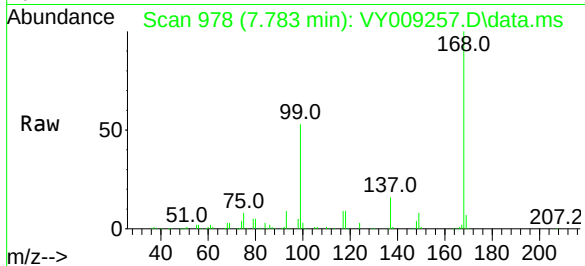




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

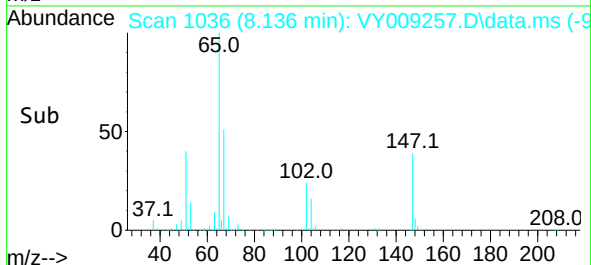
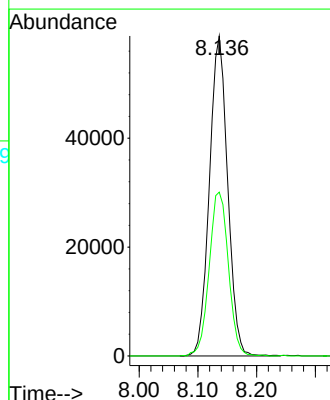
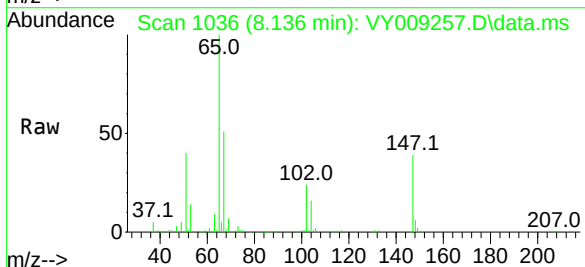
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

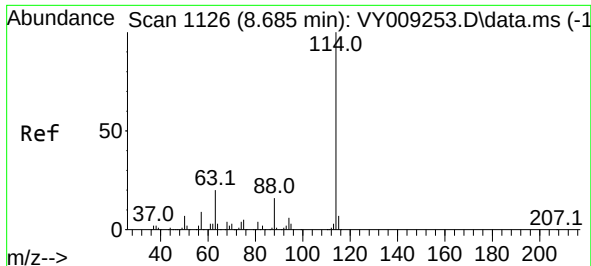
Tgt Ion:168 Resp: 225679
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 51.122 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 65 Resp: 126709
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

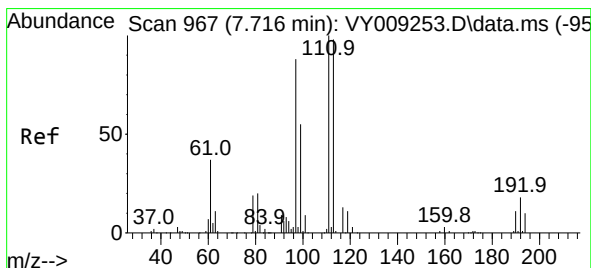
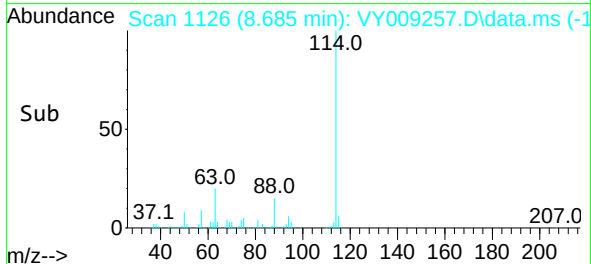
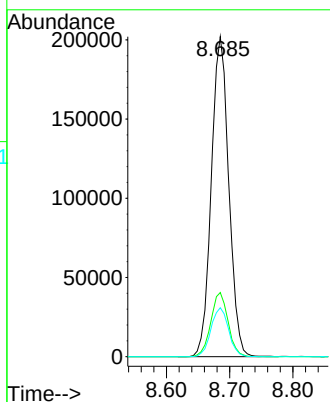
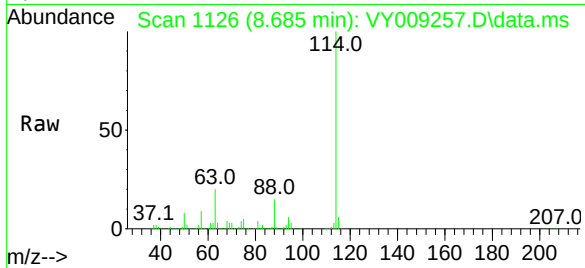




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

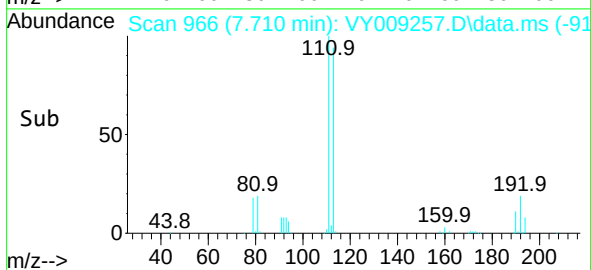
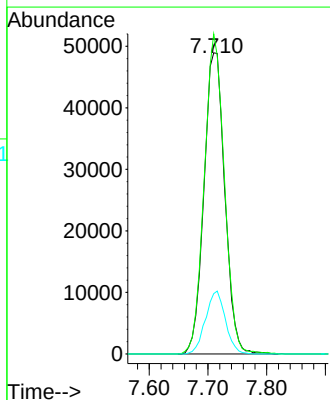
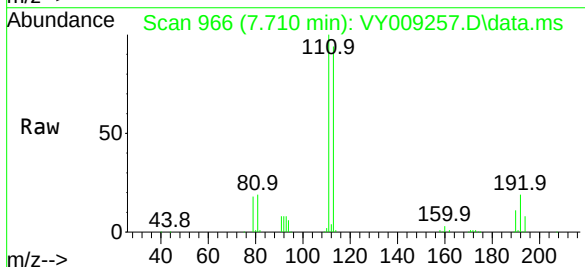
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

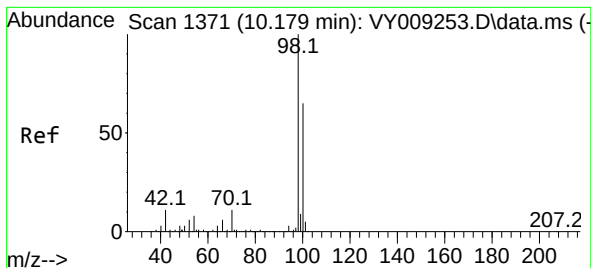
Tgt Ion:114 Resp: 386284
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.188 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion:113 Resp: 120551
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 19.9 17.6 26.4

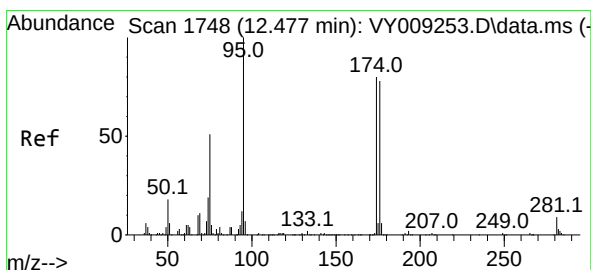
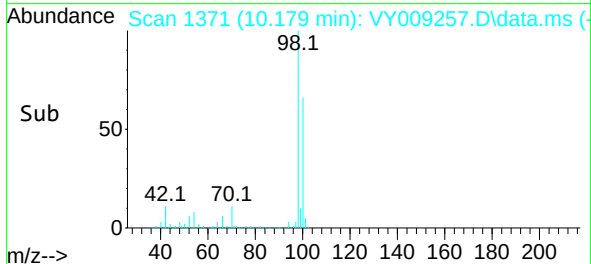
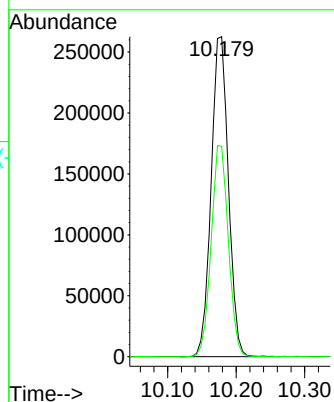
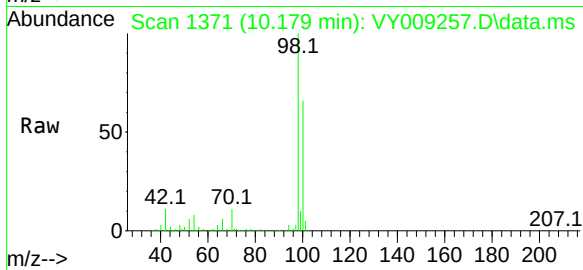




#50
Toluene-d8
Concen: 47.834 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

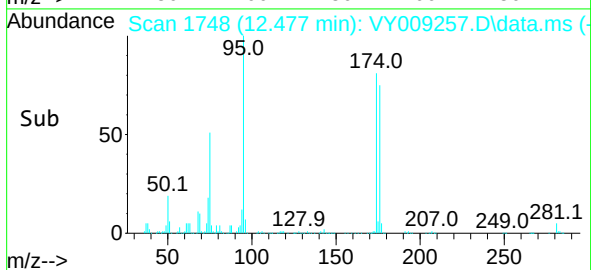
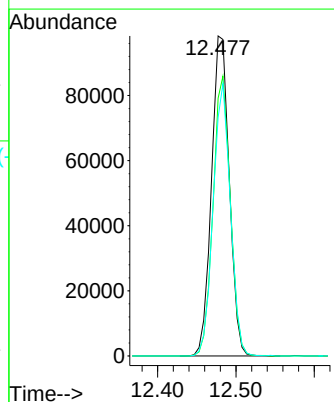
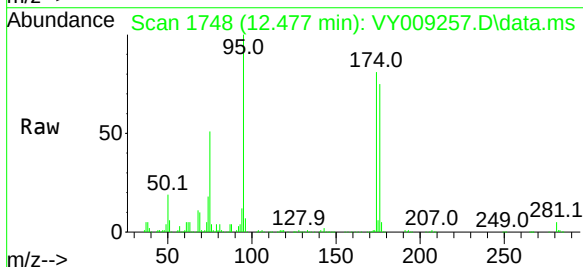
Instrument :
MSVOA_Y
ClientSampleId :
VY0621SBL01

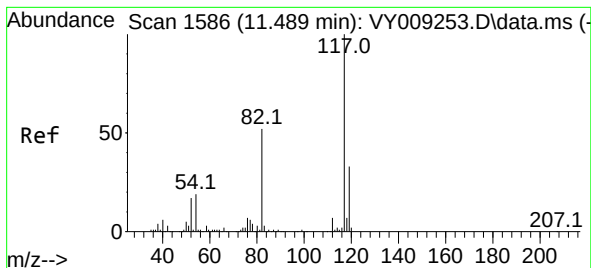
Tgt Ion: 98 Resp: 459690
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 45.887 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009257.D
Acq: 21 Jun 2022 15:38

Tgt Ion: 95 Resp: 154957
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.5 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009257.D

Acq: 21 Jun 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0621SBL01

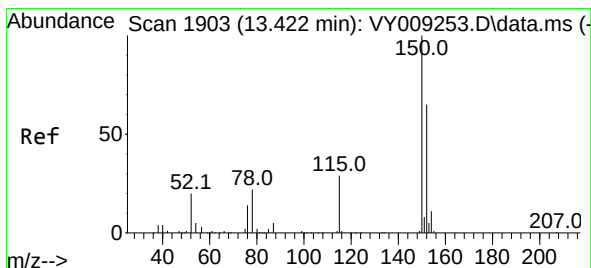
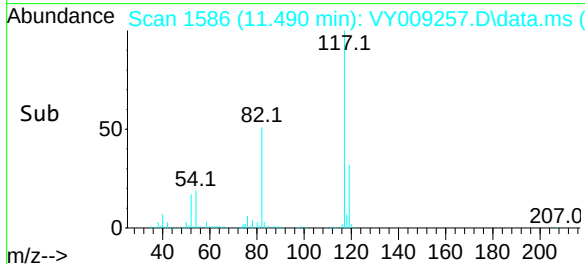
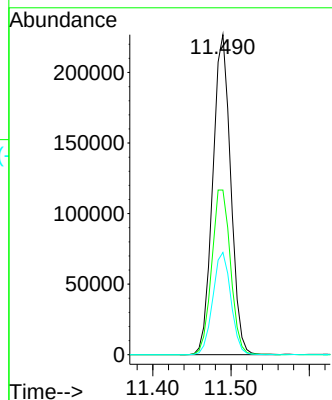
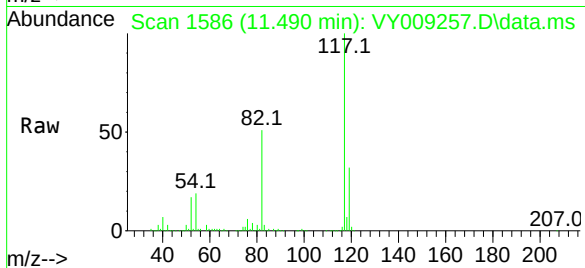
Tgt Ion:117 Resp: 360787

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009257.D

Acq: 21 Jun 2022 15:38

Tgt Ion:152 Resp: 160333

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.0 0.0 347.6

