

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009192.D
 Acq On : 16 Jun 2022 10:47
 Operator : KP/MD
 Sample : VY0616SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBL01

Quant Time: Jun 16 15:54:01 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	7.789	168	199748	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	344977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	319998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	140703	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	114840	55.038	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.080%
35) Dibromofluoromethane	7.710	113	104571	48.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.179	98	408653	49.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.477	95	138133	47.213	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.420%

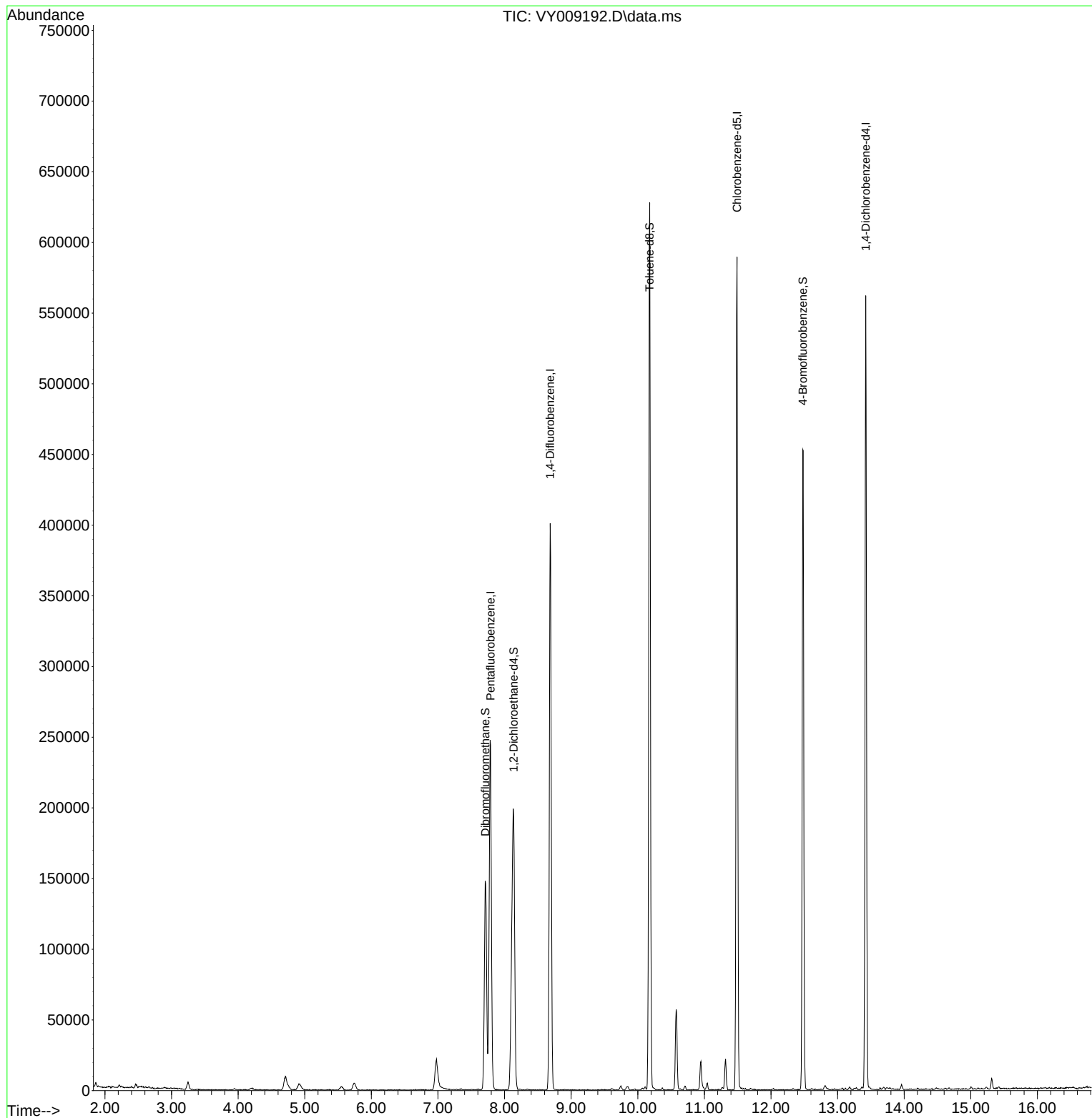
Target Compounds	Qvalue

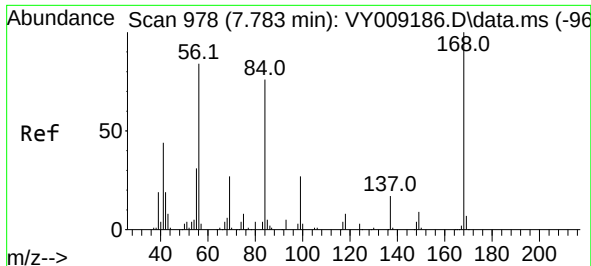
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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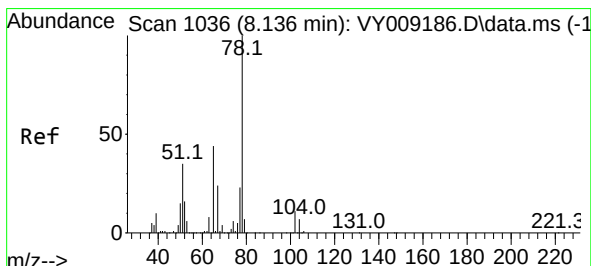
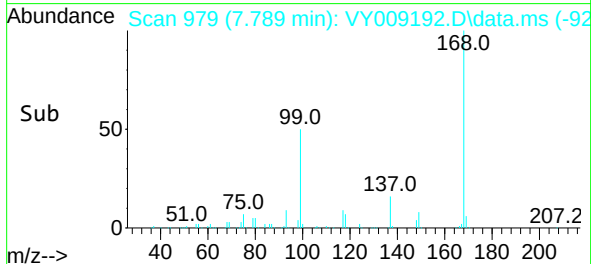
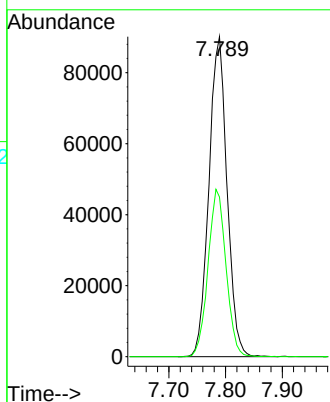
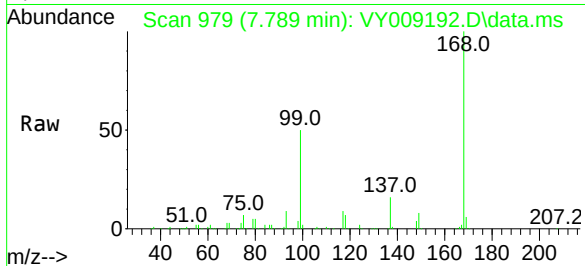




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009192.D
Acq: 16 Jun 2022 10:47

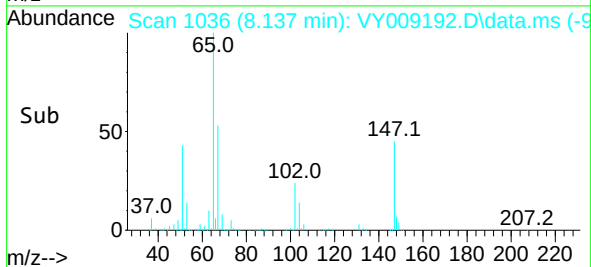
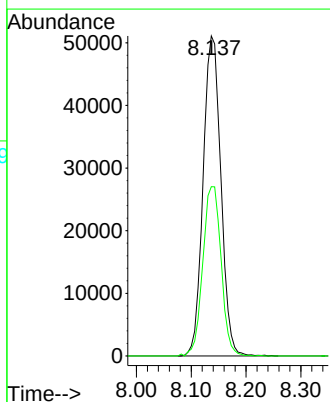
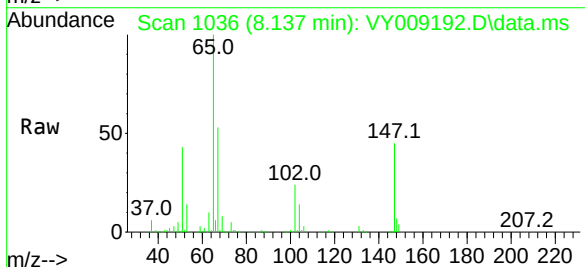
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

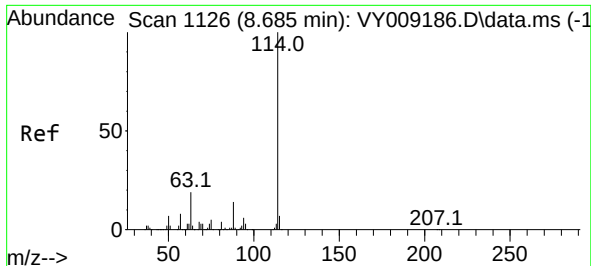
Tgt Ion:168 Resp: 199748
Ion Ratio Lower Upper
168 100
99 49.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.038 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009192.D
Acq: 16 Jun 2022 10:47

Tgt Ion: 65 Resp: 114840
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4

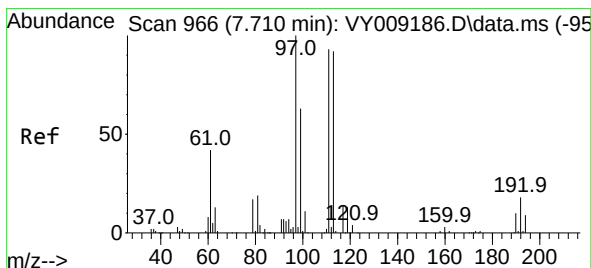
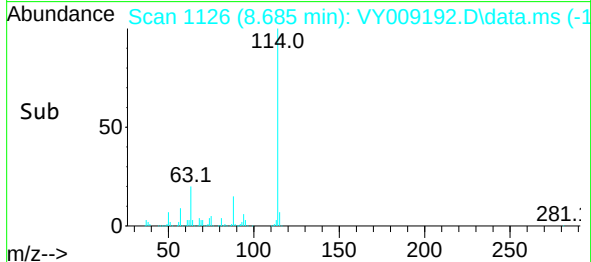
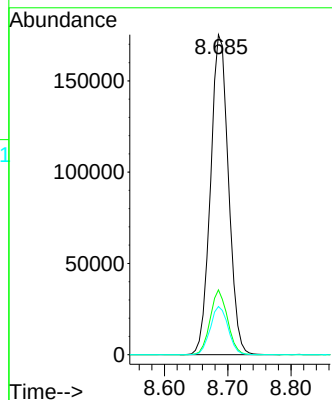
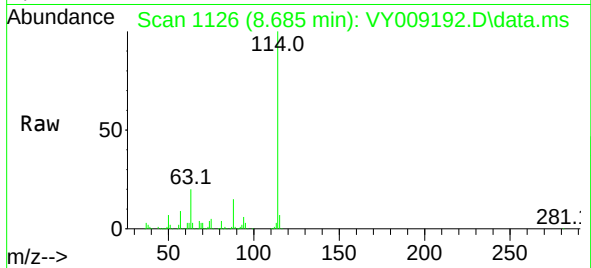




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009192.D
Acq: 16 Jun 2022 10:47

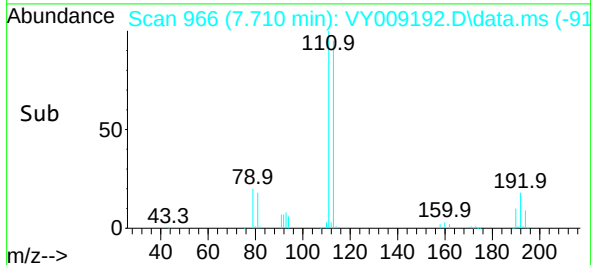
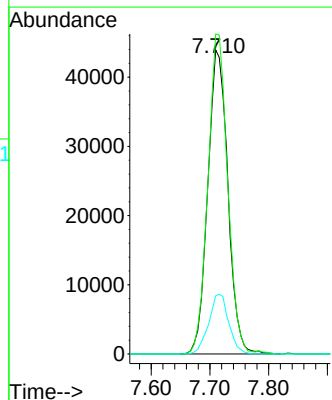
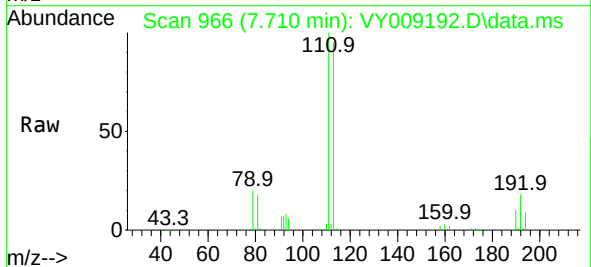
Instrument :
MSVOA_Y
ClientSampleId :
VY0616SBL01

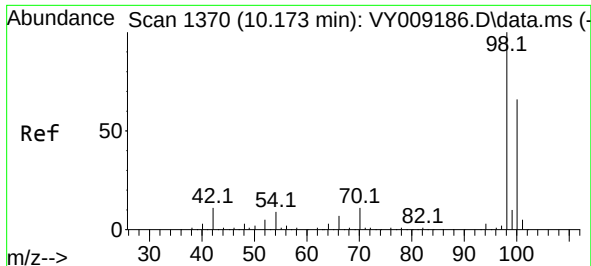
Tgt Ion:114 Resp: 344977
Ion Ratio Lower Upper
114 100
63 20.2 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.348 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009192.D
Acq: 16 Jun 2022 10:47

Tgt Ion:113 Resp: 104571
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 19.5 17.6 26.4

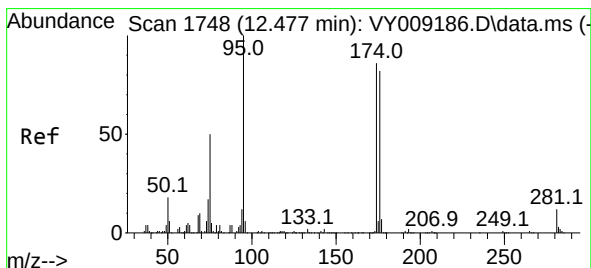
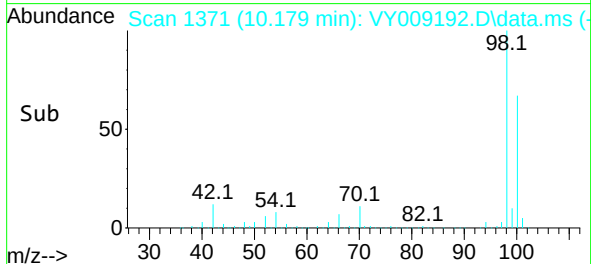
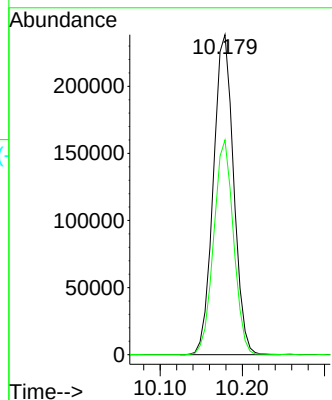
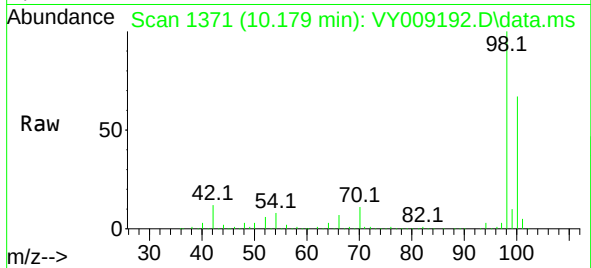




#50
Toluene-d8
Concen: 49.634 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009192.D
Acq: 16 Jun 2022 10:47

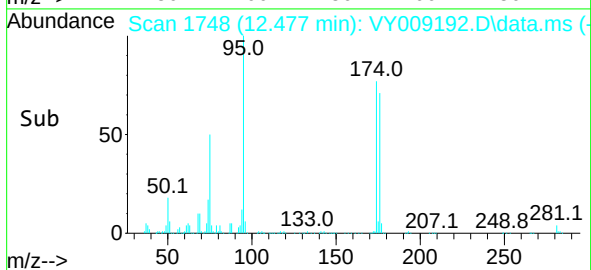
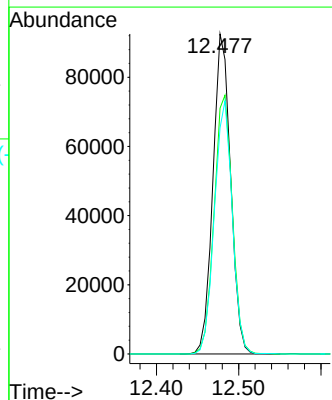
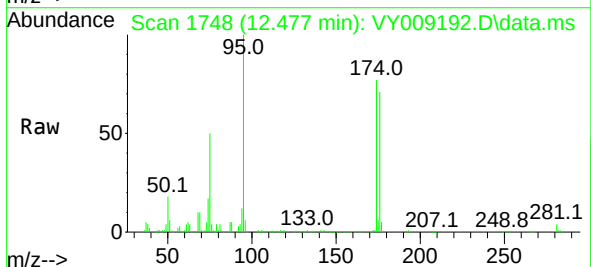
Instrument :
MSVOA_Y
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VY0616SBL01

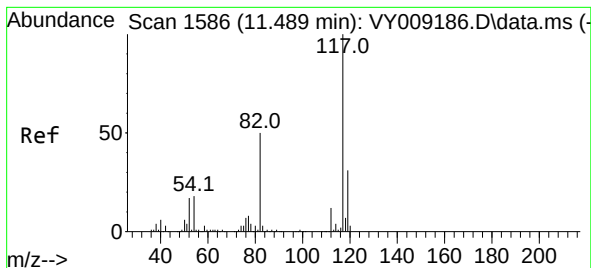
Tgt Ion: 98 Resp: 408653
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.213 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009192.D
Acq: 16 Jun 2022 10:47

Tgt Ion: 95 Resp: 138133
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009192.D

Acq: 16 Jun 2022 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0616SBL01

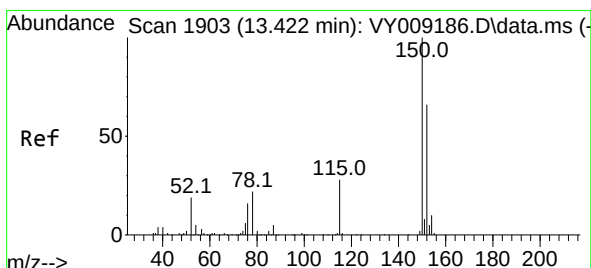
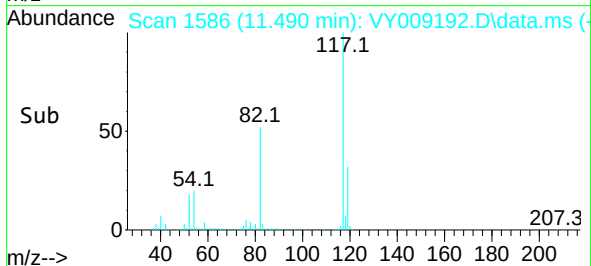
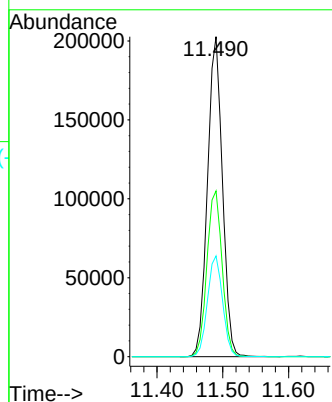
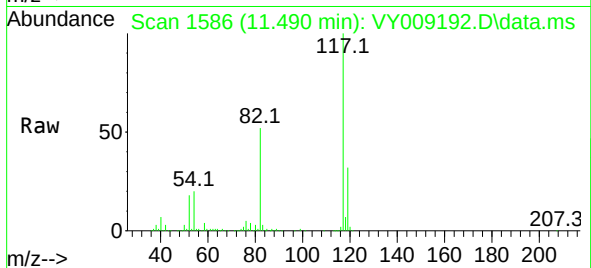
Tgt Ion:117 Resp: 319998

Ion Ratio Lower Upper

117 100

82 51.8 43.0 64.4

119 31.5 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: VY009192.D

Acq: 16 Jun 2022 10:47

Tgt Ion:152 Resp: 140703

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 158.8 0.0 347.6

