

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009340.D
 Acq On : 27 Jun 2022 13:55
 Operator : KP/MD
 Sample : VY0627SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBL01

Quant Time: Jun 28 04:29:19 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	150101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	224203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102627	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57006	50.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.940%
35) Dibromofluoromethane	7.710	113	61345	46.764	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.520%
50) Toluene-d8	10.173	98	183310	47.485	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.980%
62) 4-Bromofluorobenzene	12.477	95	81923	43.849	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.700%

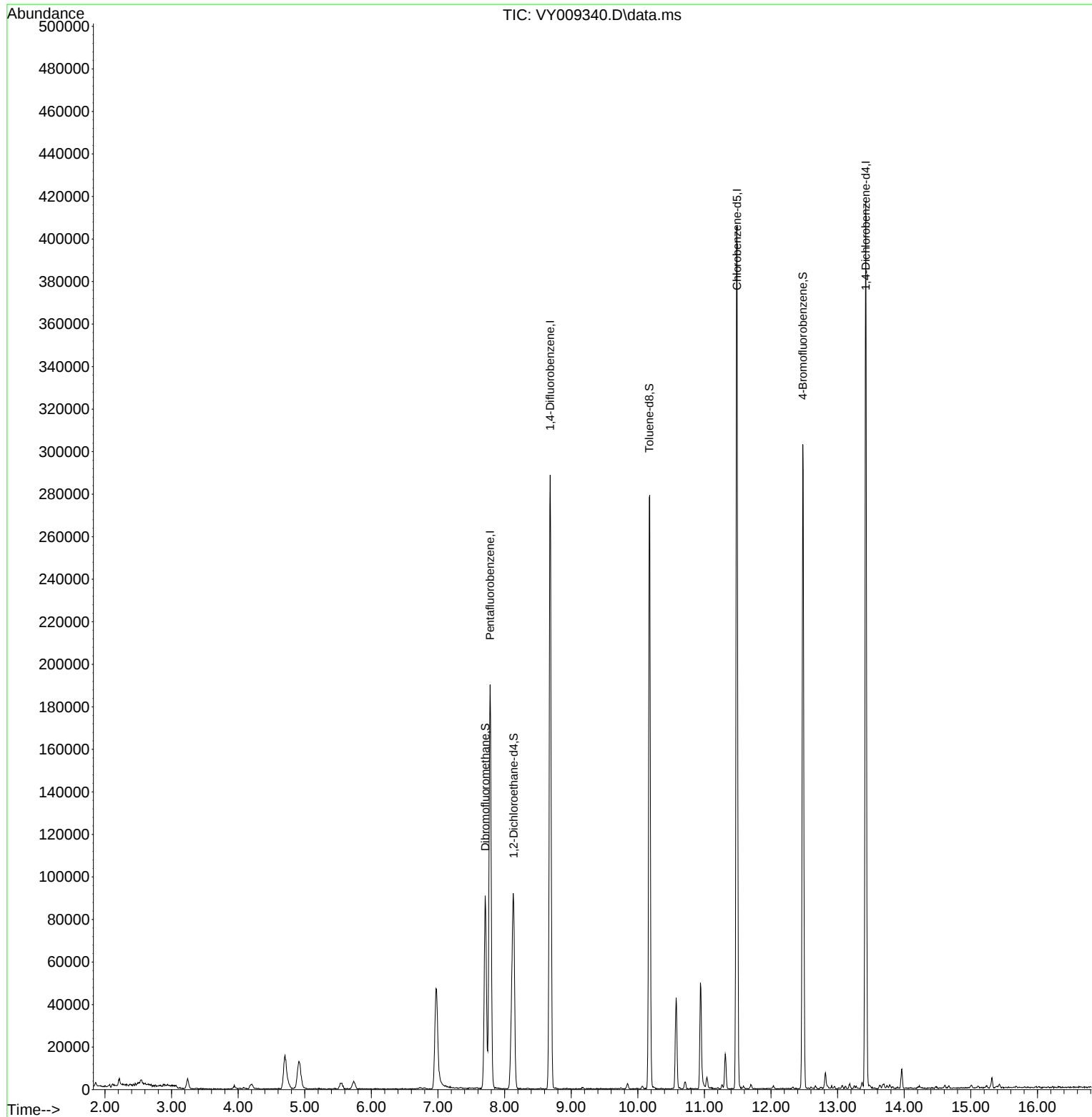
Target Compounds	Qvalue

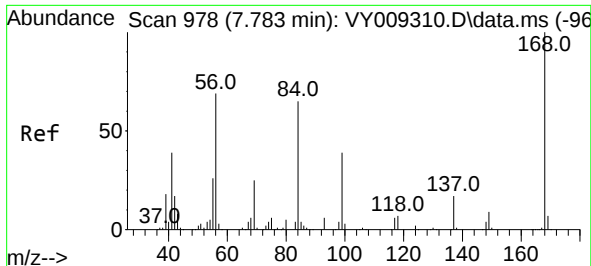
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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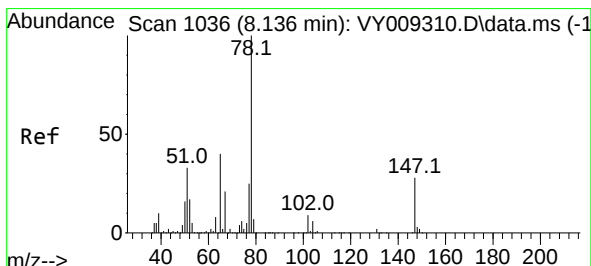
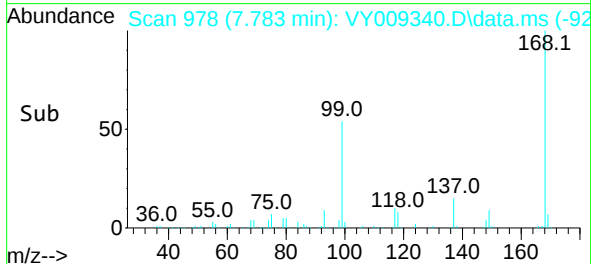
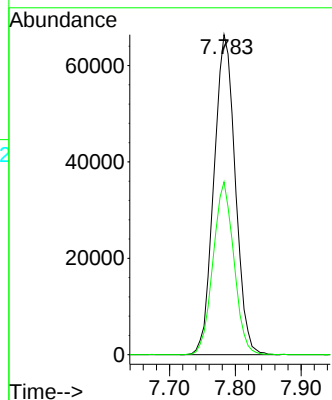
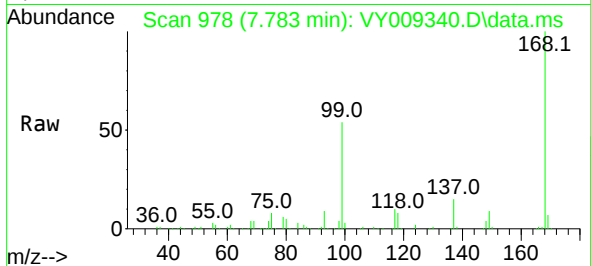




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009340.D
Acq: 27 Jun 2022 13:55

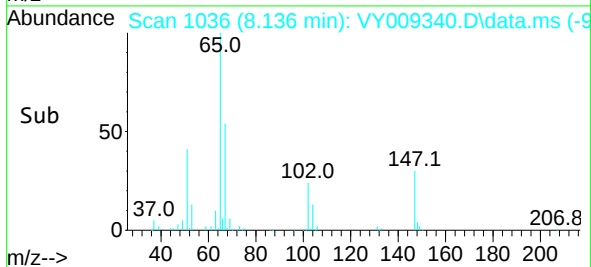
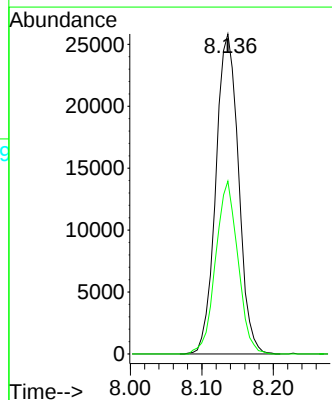
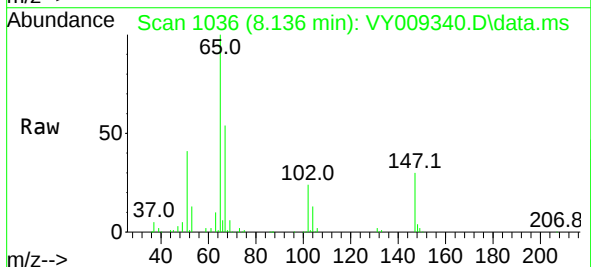
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

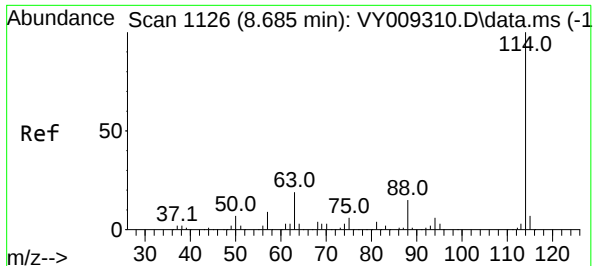
Tgt Ion:168 Resp: 150101
Ion Ratio Lower Upper
168 100
99 54.0 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 50.468 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009340.D
Acq: 27 Jun 2022 13:55

Tgt Ion: 65 Resp: 57006
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.4

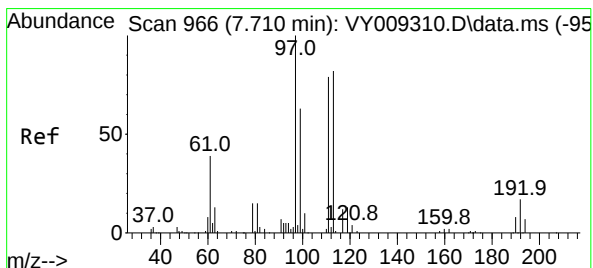
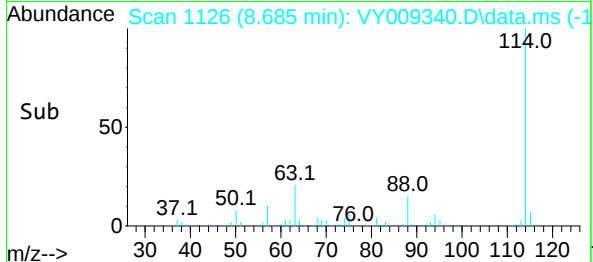
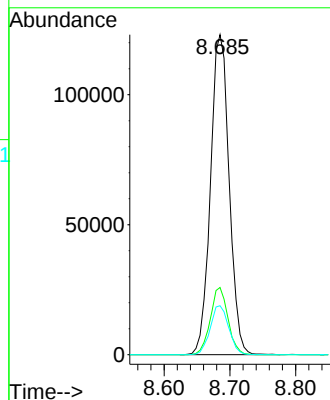
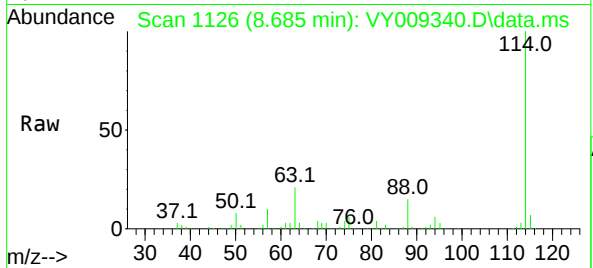




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009340.D
Acq: 27 Jun 2022 13:55

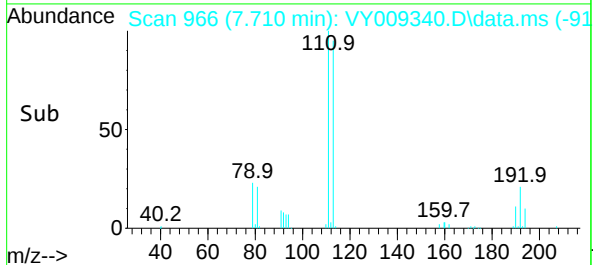
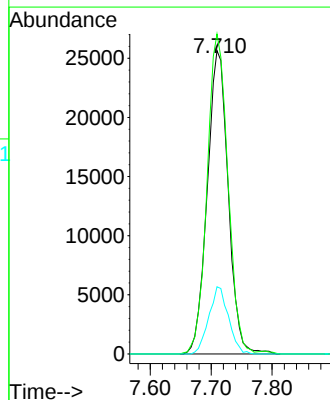
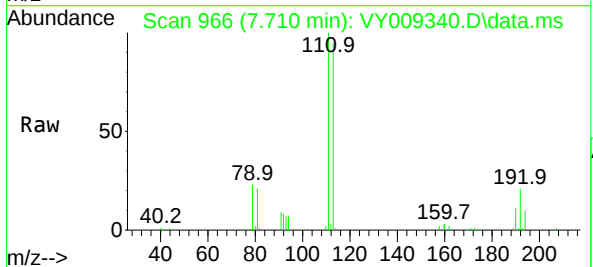
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

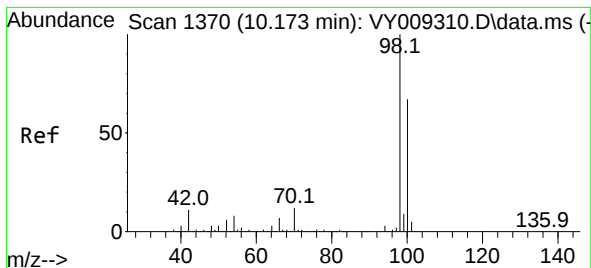
Tgt Ion:114 Resp: 243035
Ion Ratio Lower Upper
114 100
63 21.0 0.0 38.0
88 15.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 46.764 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009340.D
Acq: 27 Jun 2022 13:55

Tgt Ion:113 Resp: 61345
Ion Ratio Lower Upper
113 100
111 104.6 80.6 120.8
192 20.7 16.2 24.4

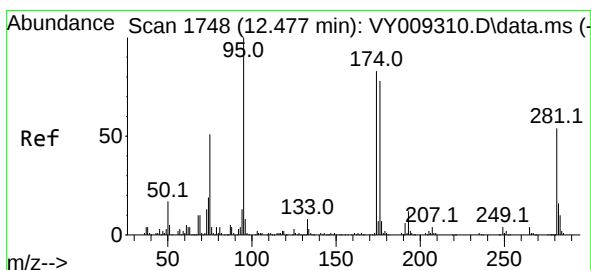
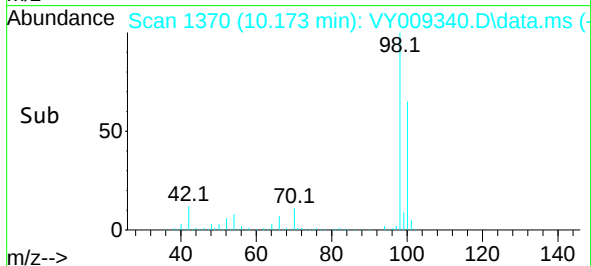
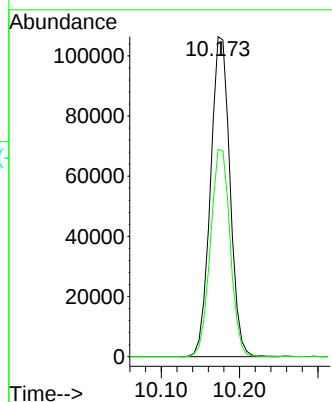
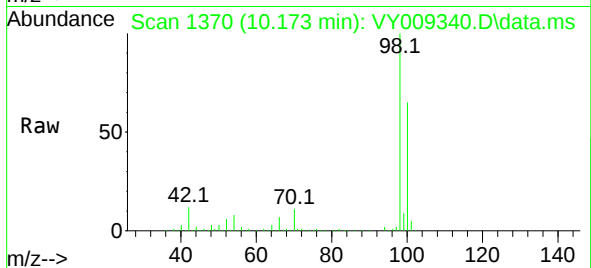




#50
Toluene-d8
Concen: 47.485 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009340.D
Acq: 27 Jun 2022 13:55

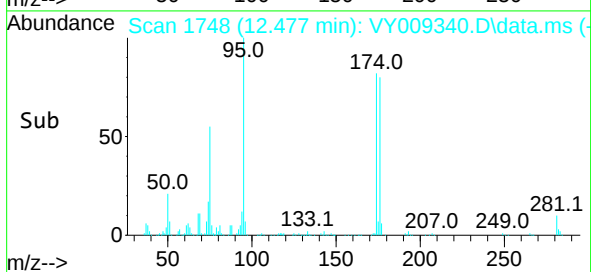
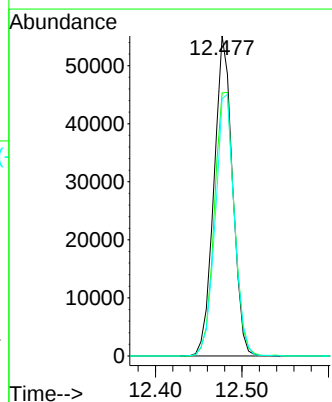
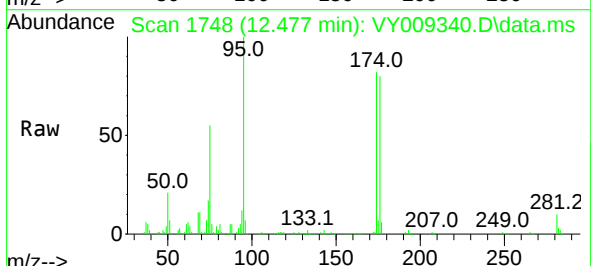
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBL01

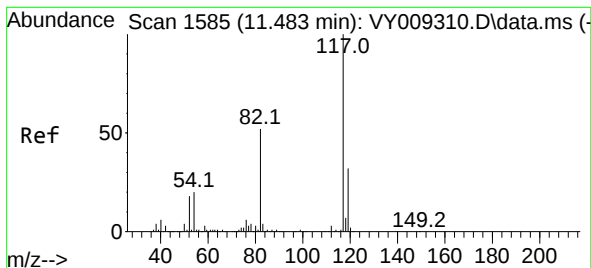
Tgt Ion: 98 Resp: 183310
Ion Ratio Lower Upper
98 100
100 65.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.849 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009340.D
Acq: 27 Jun 2022 13:55

Tgt Ion: 95 Resp: 81923
Ion Ratio Lower Upper
95 100
174 88.2 0.0 173.8
176 84.2 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009340.D

Acq: 27 Jun 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBL01

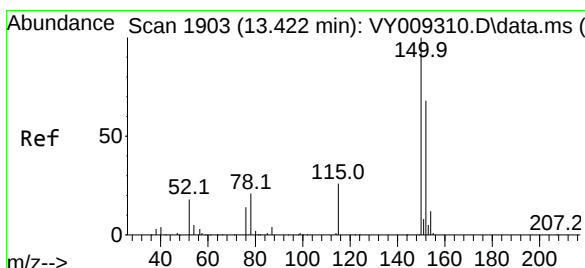
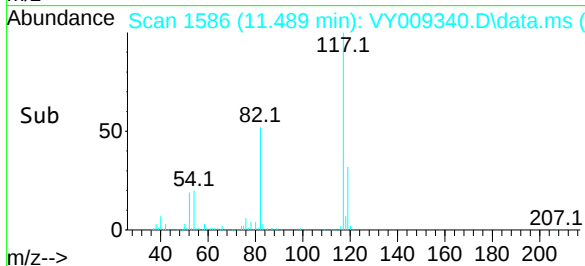
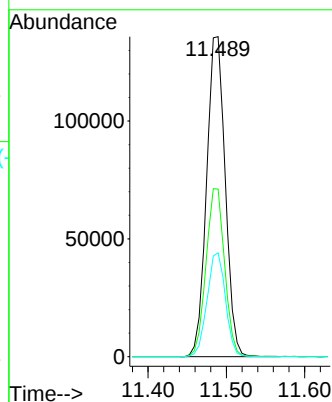
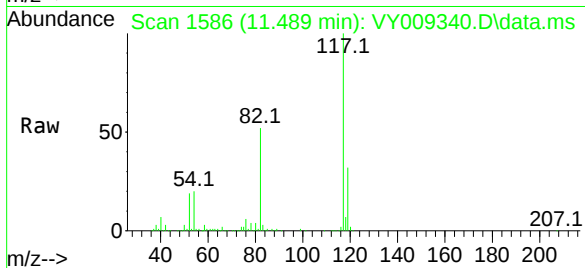
Tgt Ion:117 Resp: 224203

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.6

119 32.5 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: VY009340.D

Acq: 27 Jun 2022 13:55

Tgt Ion:152 Resp: 102627

Ion Ratio Lower Upper

152 100

115 55.9 28.6 85.9

150 156.4 0.0 349.8

