

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007442.D
 Acq On : 09 Feb 2022 10:23
 Operator : SY/MD
 Sample : VY0209SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBL01

Quant Time: Feb 10 05:31:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	95755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	178942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170710	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	60426	54.862	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.720%
35) Dibromofluoromethane	7.722	113	58311	50.747	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.185	98	219251	51.647	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.483	95	75889	52.595	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.180%

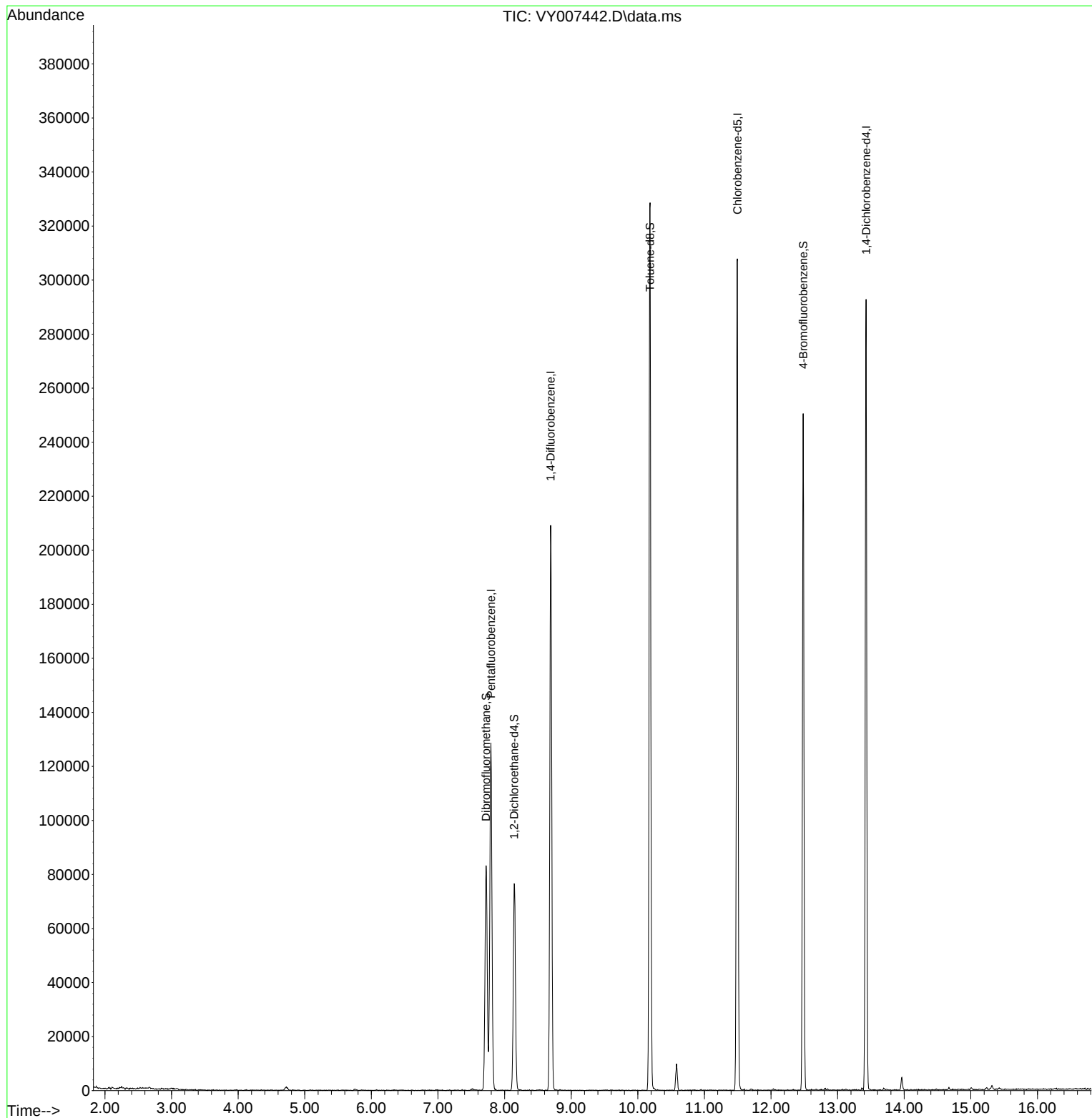
Target Compounds	Qvalue

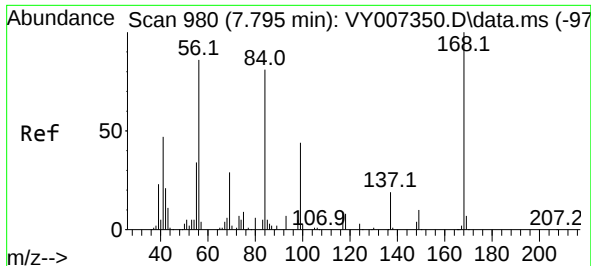
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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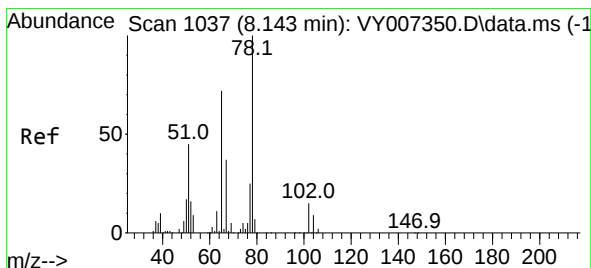
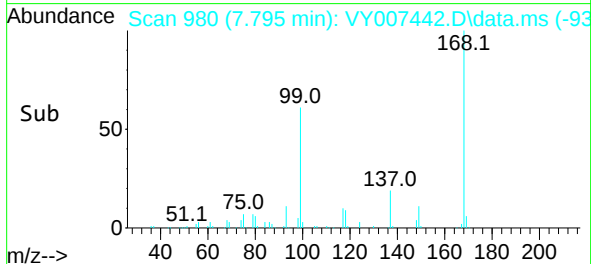
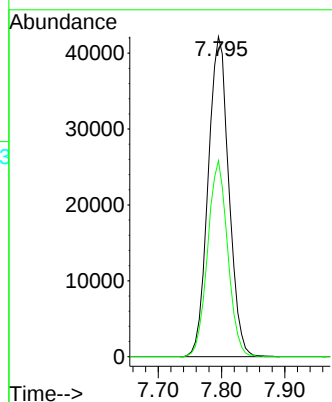
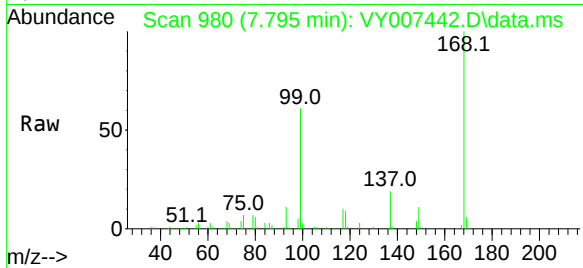




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

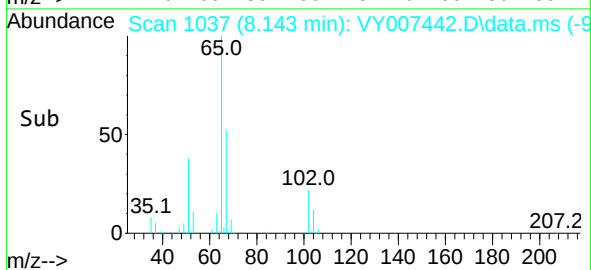
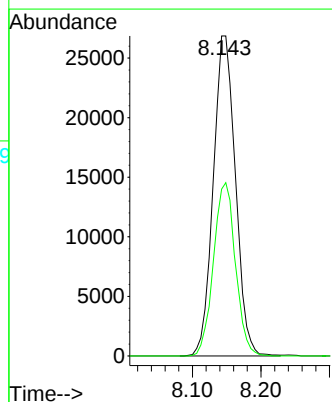
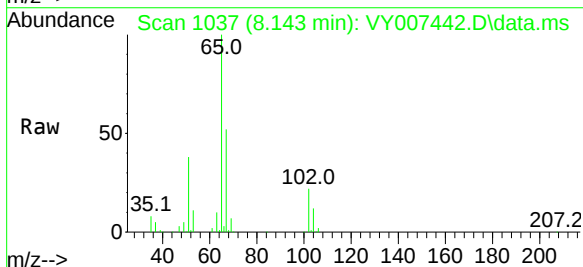
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

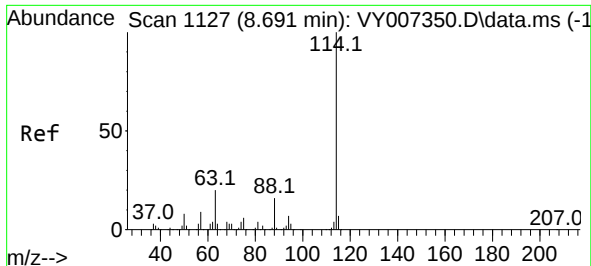
Tgt Ion:168 Resp: 95755
Ion Ratio Lower Upper
168 100
99 61.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.862 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 65 Resp: 60426
Ion Ratio Lower Upper
65 100
67 53.5 0.0 99.4

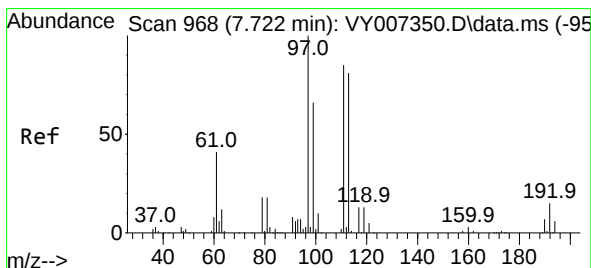
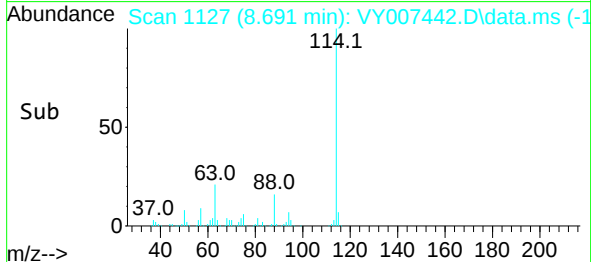
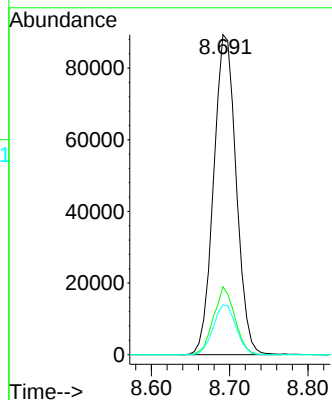
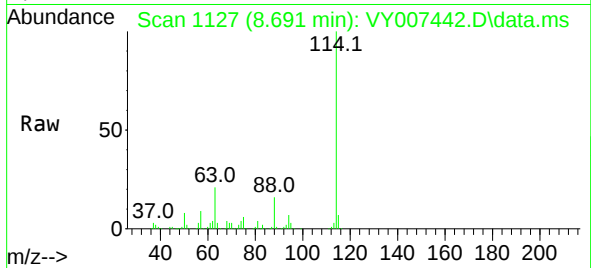




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

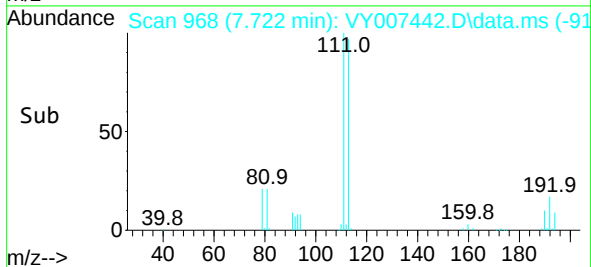
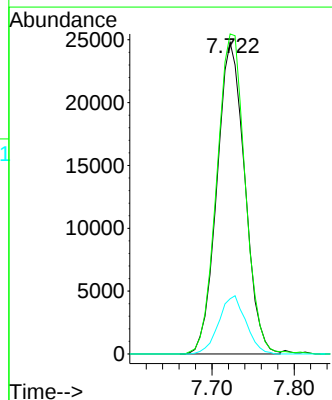
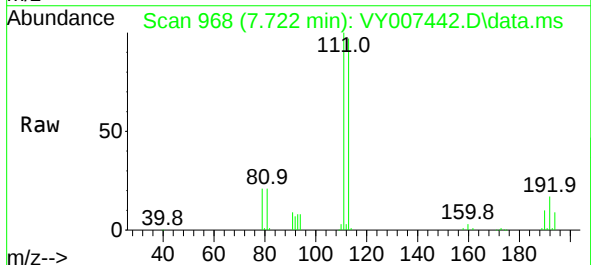
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

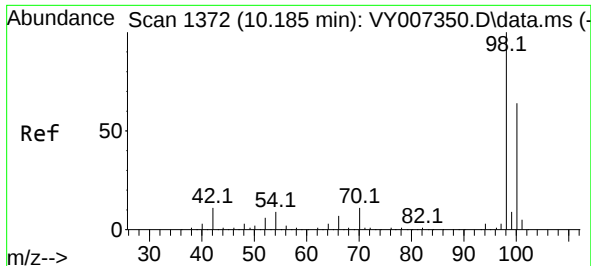
Tgt Ion:114 Resp: 178942
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.2
88 15.6 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.747 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion:113 Resp: 58311
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 18.2 17.6 26.4

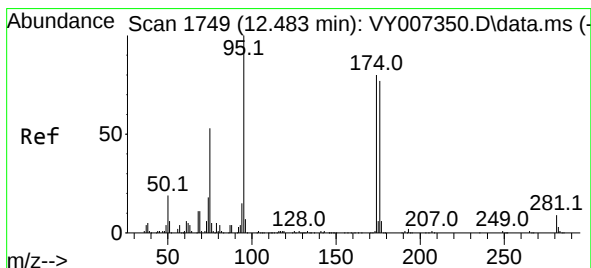
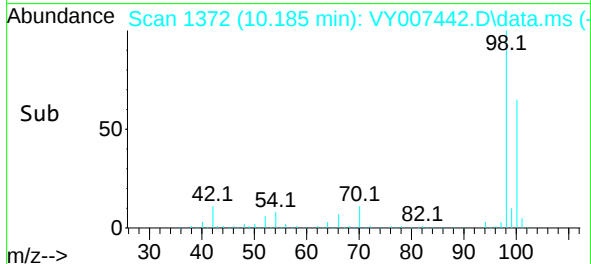
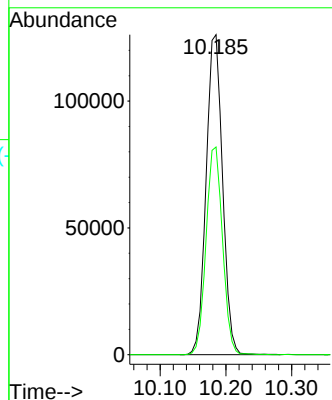
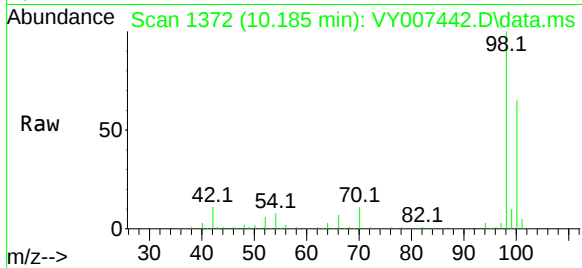




#50
Toluene-d8
Concen: 51.647 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

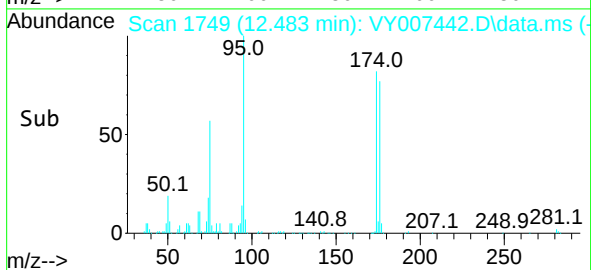
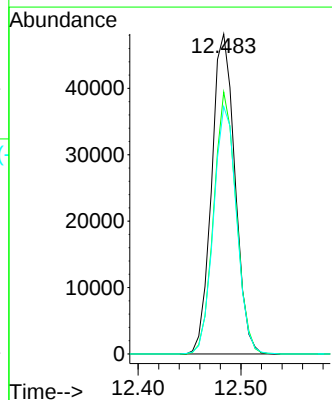
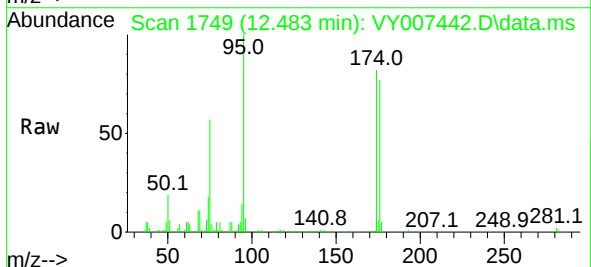
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

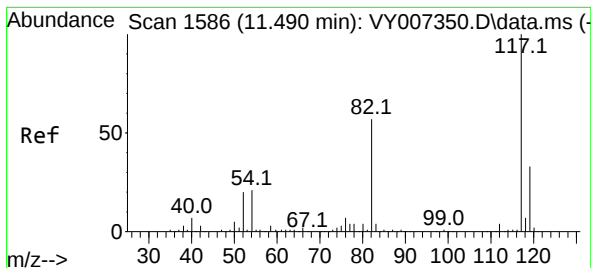
Tgt Ion: 98 Resp: 219251
Ion Ratio Lower Upper
98 100
100 65.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 52.595 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007442.D
Acq: 09 Feb 2022 10:23

Tgt Ion: 95 Resp: 75889
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007442.D

Acq: 09 Feb 2022 10:23

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBL01

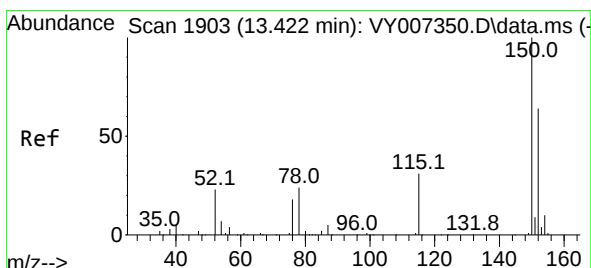
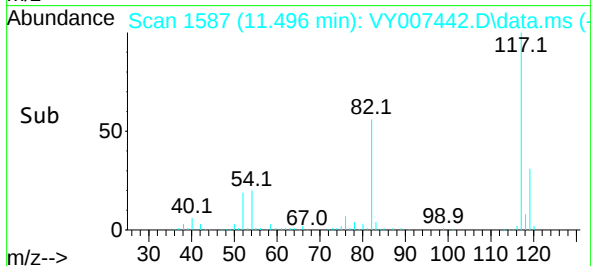
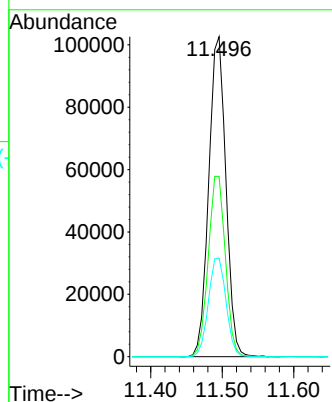
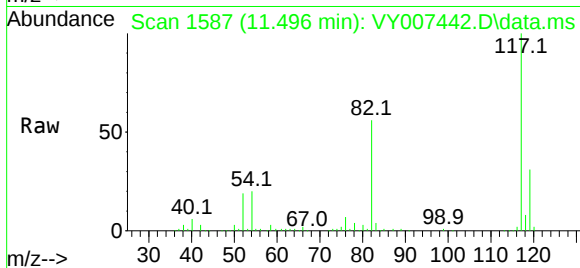
Tgt Ion:117 Resp: 170710

Ion Ratio Lower Upper

117 100

82 56.4 43.0 64.4

119 30.9 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: VY007442.D

Acq: 09 Feb 2022 10:23

Tgt Ion:152 Resp: 71167

Ion Ratio Lower Upper

152 100

115 61.8 28.2 84.7

150 159.4 0.0 347.6

