

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007023.D
 Acq On : 06 Jan 2022 10:56
 Operator : SY/MD
 Sample : VY0106SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0106SBL01

Quant Time: Jan 06 15:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	141611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	256891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	236800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110644	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	91148	54.527	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.060%
35) Dibromofluoromethane	7.722	113	85080	50.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.760%
50) Toluene-d8	10.185	98	303682	48.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.800%
62) 4-Bromofluorobenzene	12.483	95	119225	50.457	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.920%

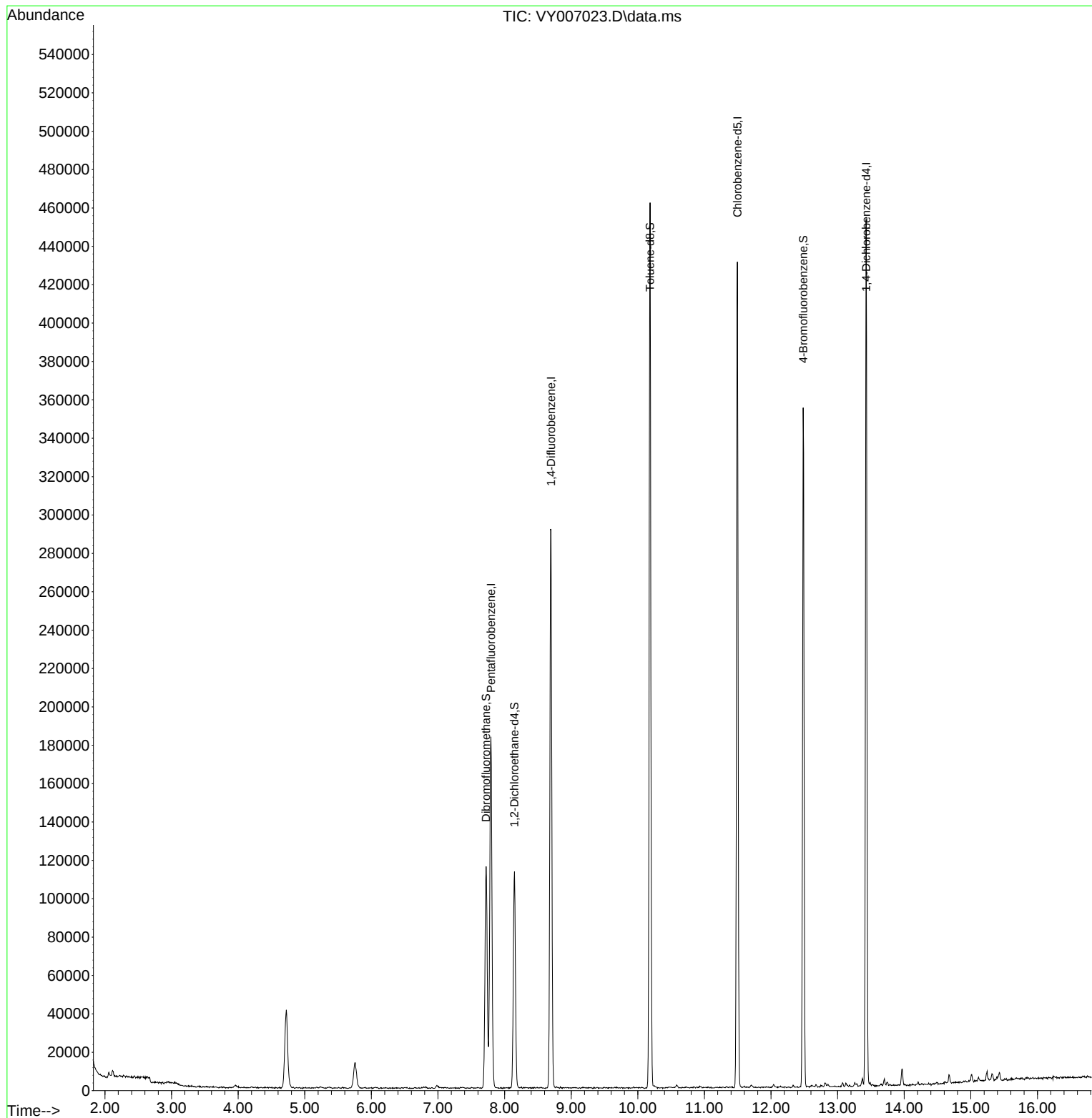
Target Compounds	Qvalue

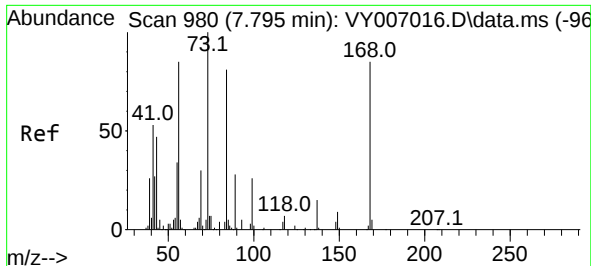
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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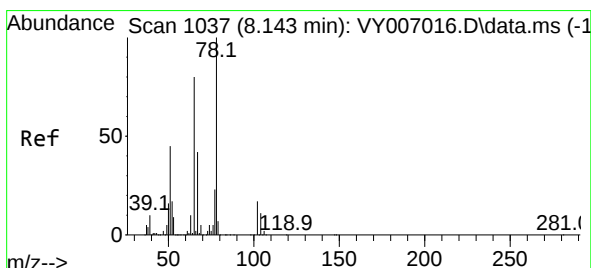
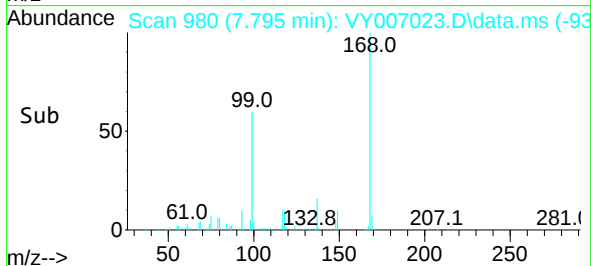
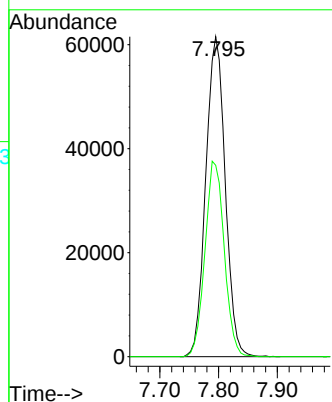
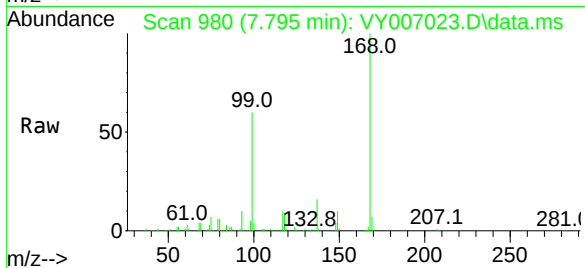




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007023.D
Acq: 06 Jan 2022 10:56

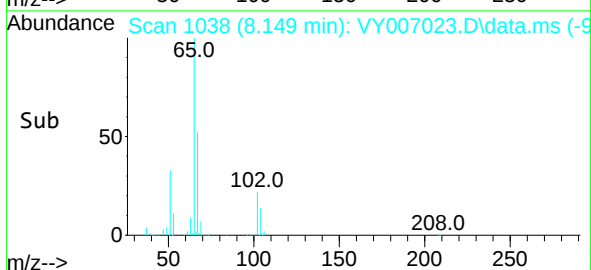
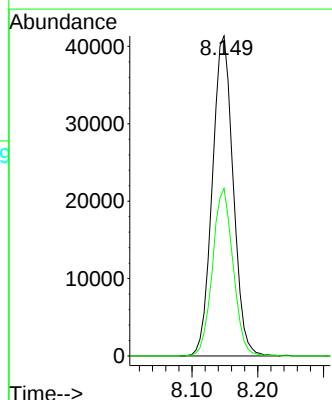
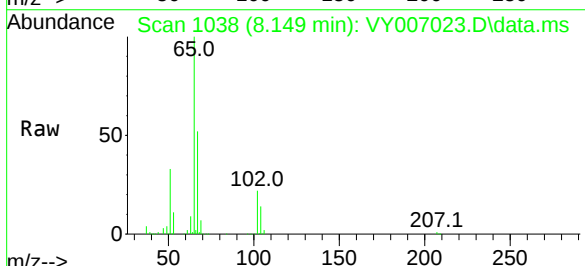
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

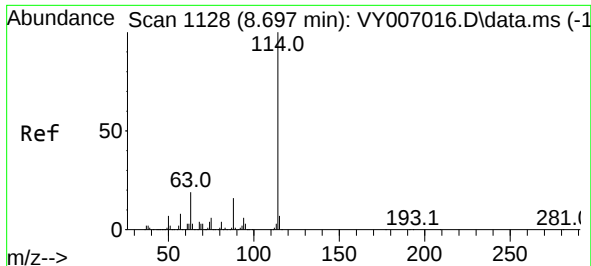
Tgt Ion:168 Resp: 141611
Ion Ratio Lower Upper
168 100
99 59.8 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 54.527 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007023.D
Acq: 06 Jan 2022 10:56

Tgt Ion: 65 Resp: 91148
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.8

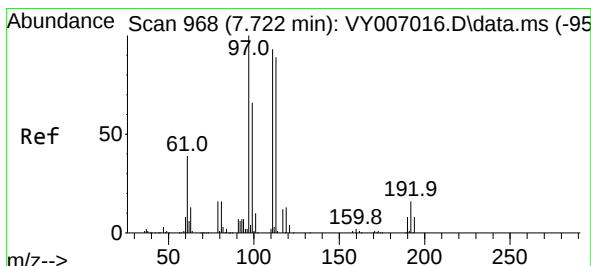
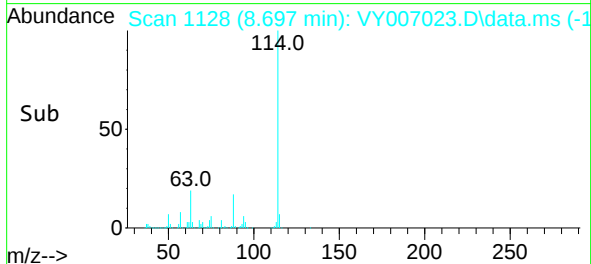
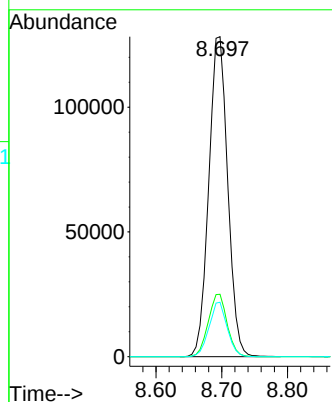
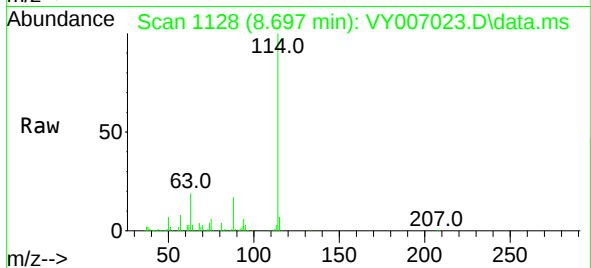




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY007023.D
Acq: 06 Jan 2022 10:56

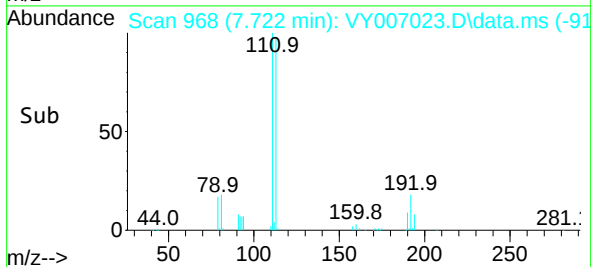
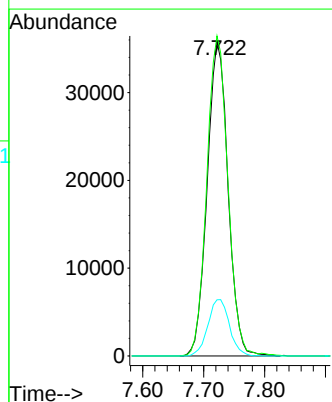
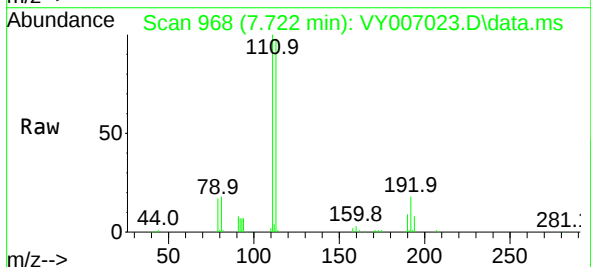
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

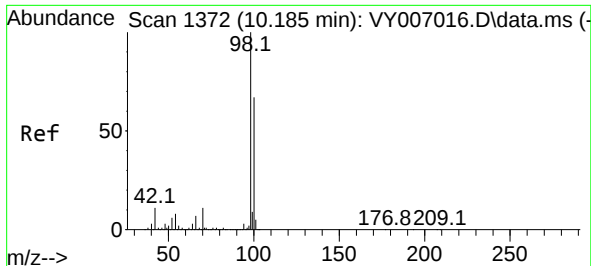
Tgt Ion:114 Resp: 256891
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 17.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY007023.D
Acq: 06 Jan 2022 10:56

Tgt Ion:113 Resp: 85080
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 18.5 14.6 21.8

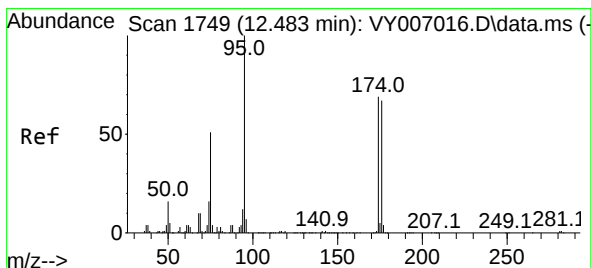
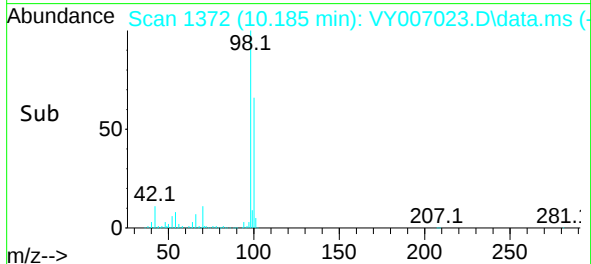
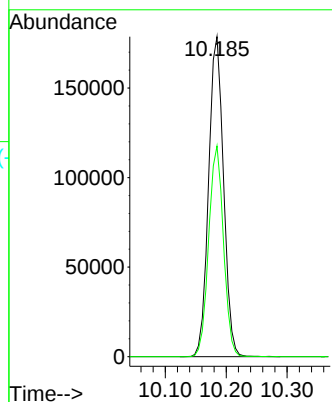
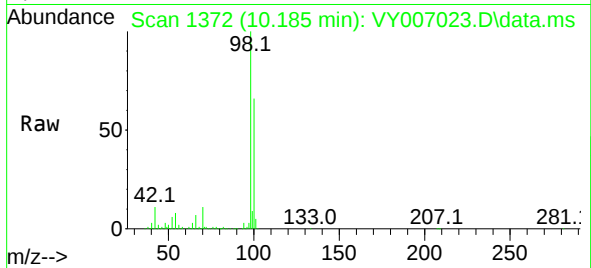




#50
Toluene-d8
Concen: 48.402 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007023.D
Acq: 06 Jan 2022 10:56

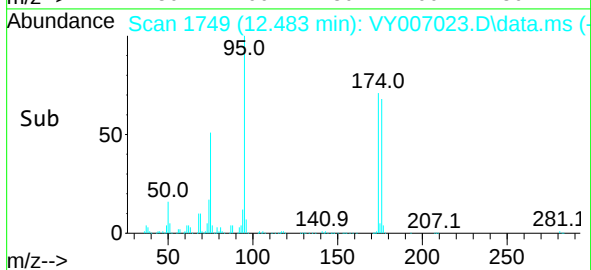
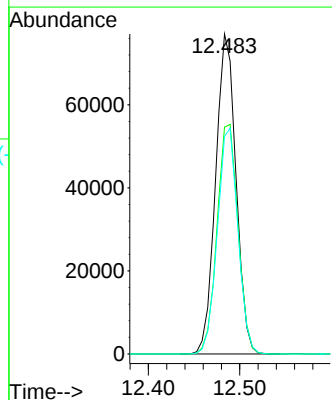
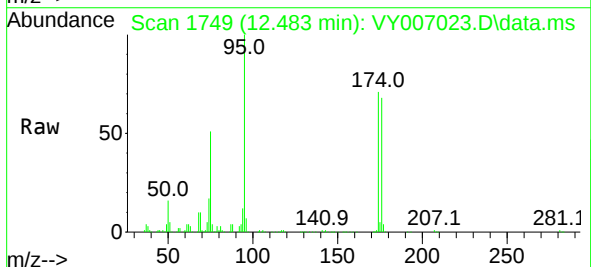
Instrument :
MSVOA_Y
ClientSampleId :
VY0106SBL01

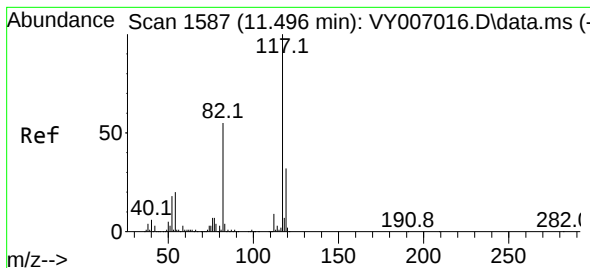
Tgt Ion: 98 Resp: 303682
Ion Ratio Lower Upper
98 100
100 65.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.457 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007023.D
Acq: 06 Jan 2022 10:56

Tgt Ion: 95 Resp: 119225
Ion Ratio Lower Upper
95 100
174 73.9 0.0 144.6
176 71.1 0.0 141.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY007023.D

Acq: 06 Jan 2022 10:56

Instrument :

MSVOA_Y

ClientSampleId :

VY0106SBL01

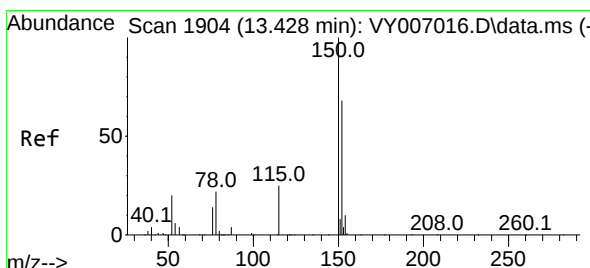
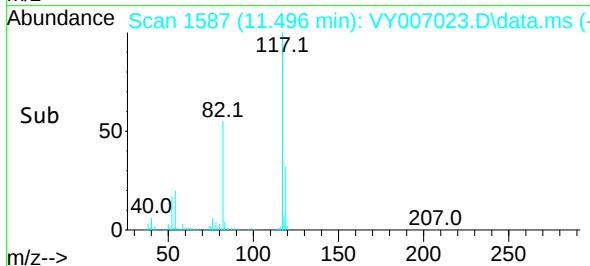
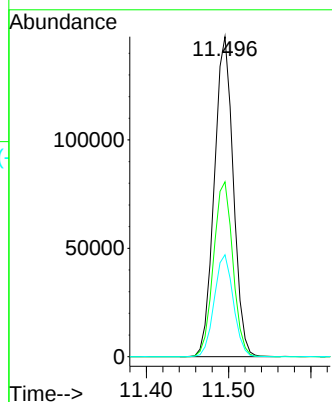
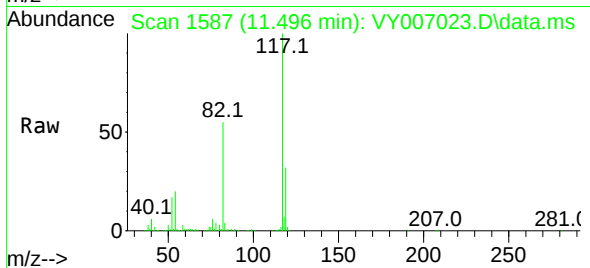
Tgt Ion:117 Resp: 236800

Ion Ratio Lower Upper

117 100

82 54.6 44.1 66.1

119 31.8 25.3 37.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007023.D

Acq: 06 Jan 2022 10:56

Tgt Ion:152 Resp: 110644

Ion Ratio Lower Upper

152 100

115 62.4 31.9 95.5

150 158.1 0.0 358.0

