

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022223\
 Data File : VY012692.D
 Acq On : 22 Feb 2023 15:44
 Operator : KP/MD
 Sample : 01640-04
 Misc : 5.22g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4

Quant Time: Feb 22 21:44:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 22 01:21:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	121843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84153	58.479	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.960%
35) Dibromofluoromethane	7.716	113	75315	49.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.580%
50) Toluene-d8	10.179	98	259808	45.847	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.700%
62) 4-Bromofluorobenzene	12.483	95	86693	47.806	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.620%

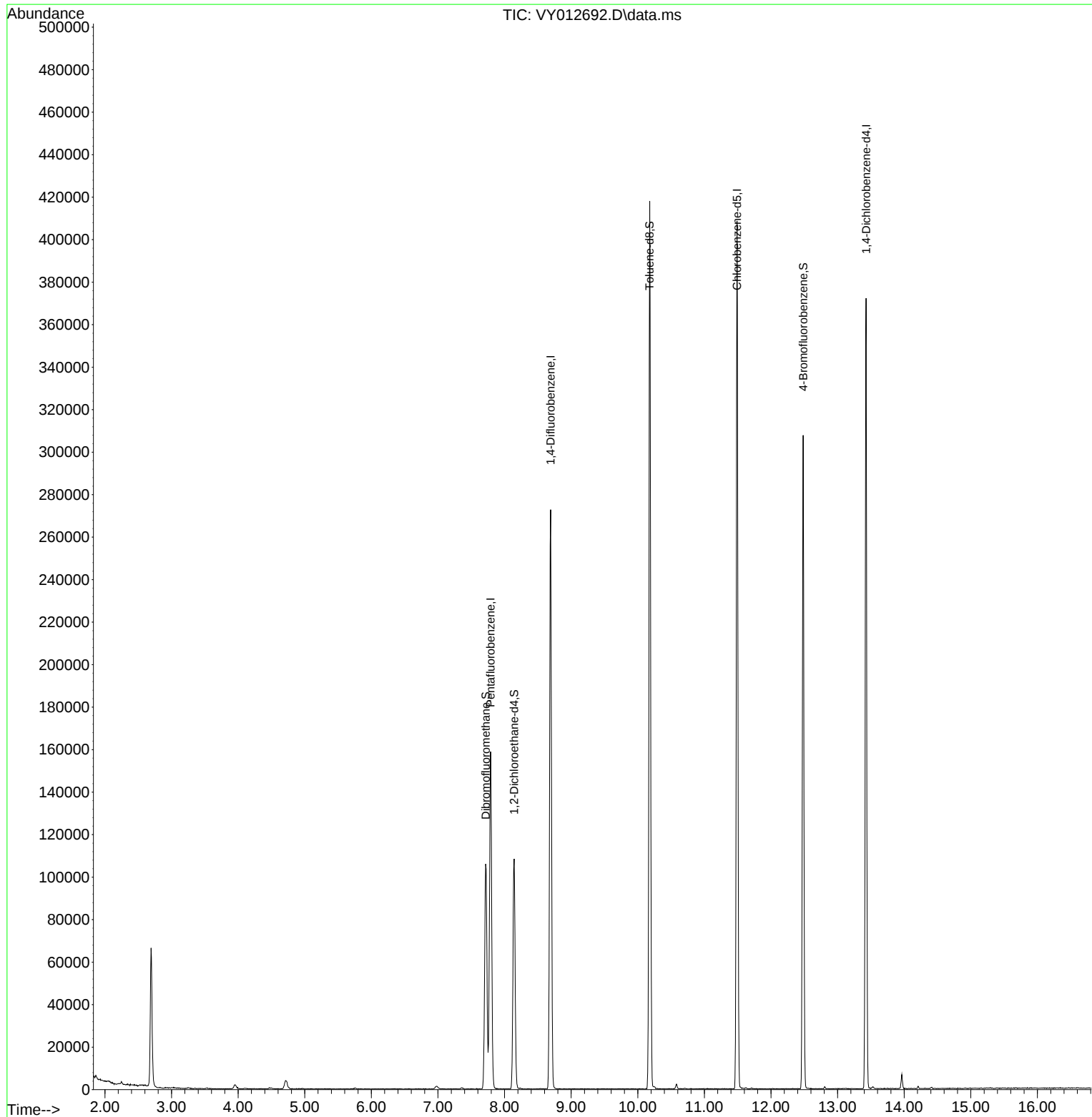
Target Compounds	Qvalue

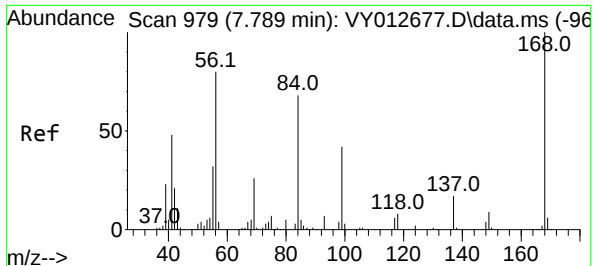
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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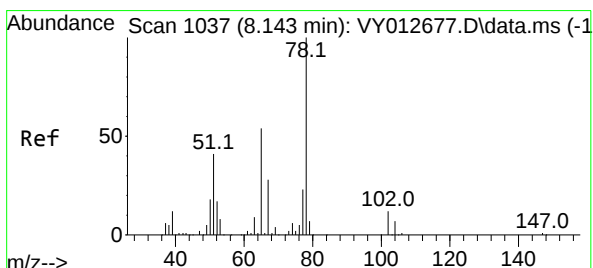
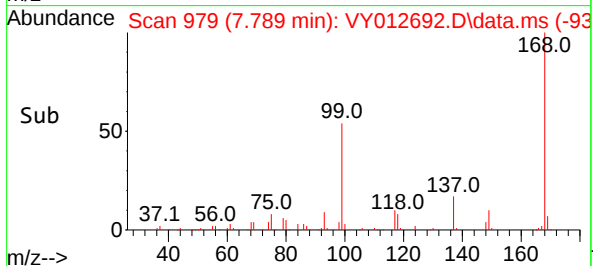
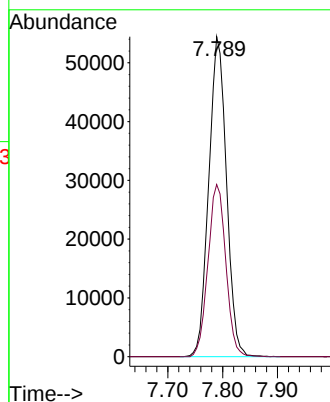
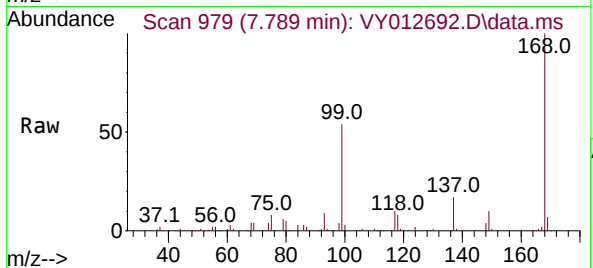




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012692.D
Acq: 22 Feb 2023 15:44

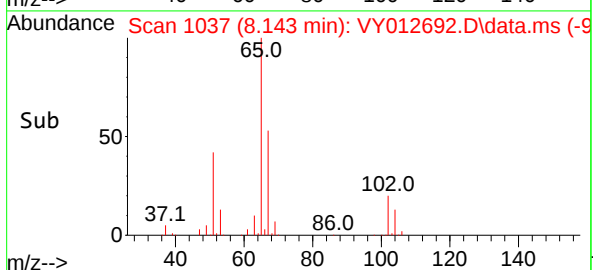
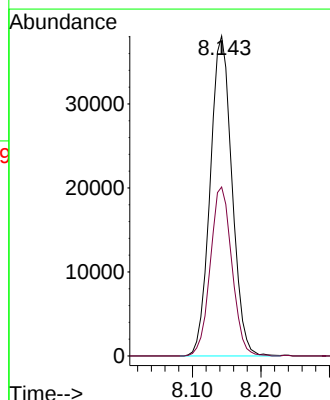
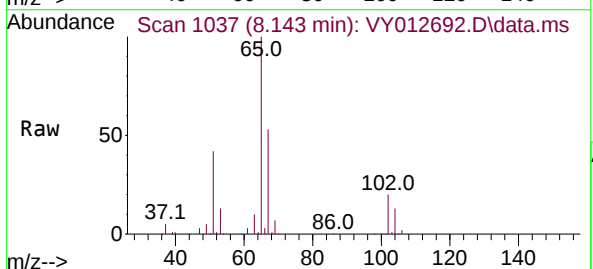
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

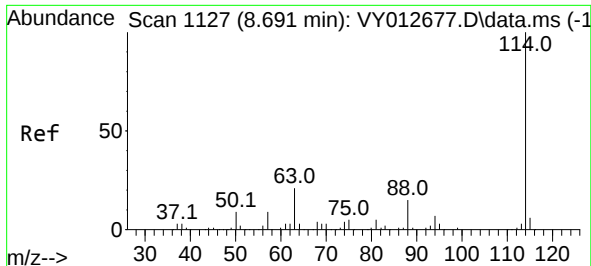
Tgt Ion:168 Resp: 121843
Ion Ratio Lower Upper
168 100
99 53.8 45.4 68.2



#33
1,2-Dichloroethane-d4
Concen: 58.479 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012692.D
Acq: 22 Feb 2023 15:44

Tgt Ion: 65 Resp: 84153
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6

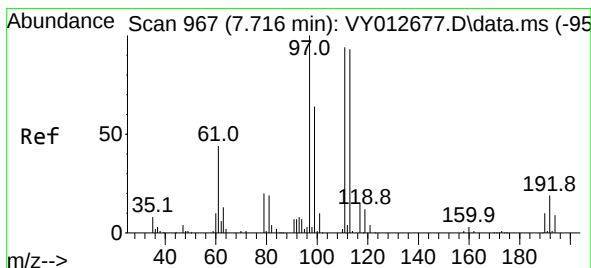
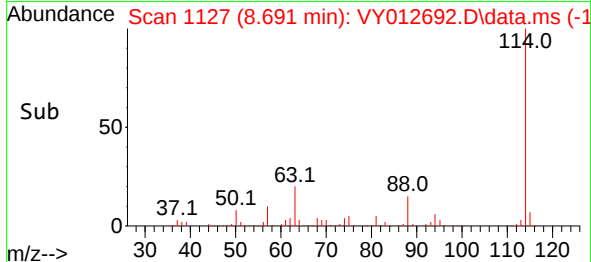
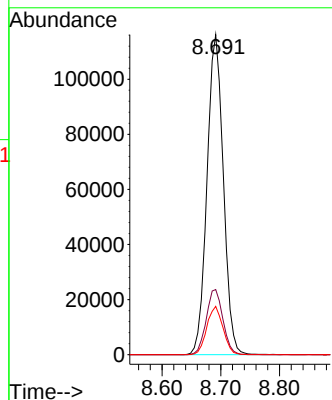
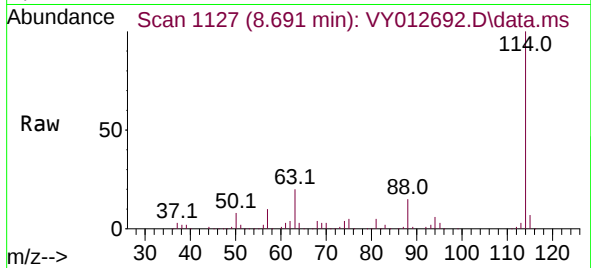




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012692.D
Acq: 22 Feb 2023 15:44

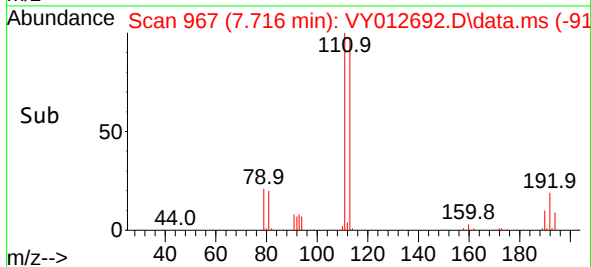
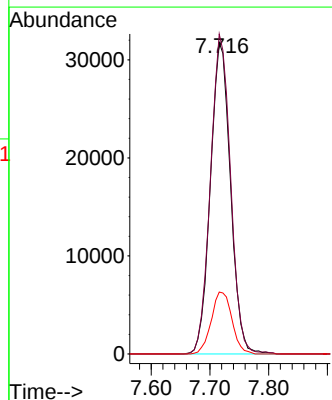
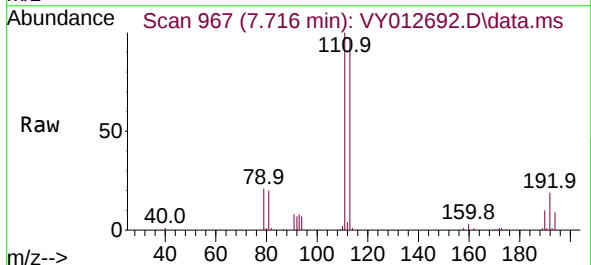
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

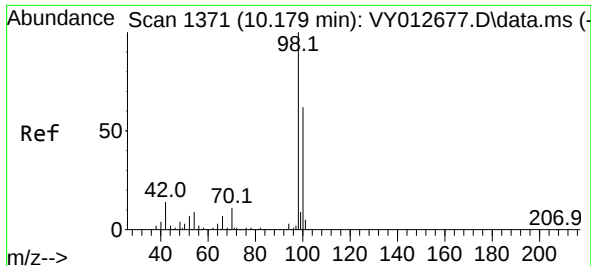
Tgt Ion:114 Resp: 223947
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 15.1 0.0 29.6



#35
Dibromofluoromethane
Concen: 49.791 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012692.D
Acq: 22 Feb 2023 15:44

Tgt Ion:113 Resp: 75315
Ion Ratio Lower Upper
113 100
111 103.0 82.0 123.0
192 20.5 16.2 24.2

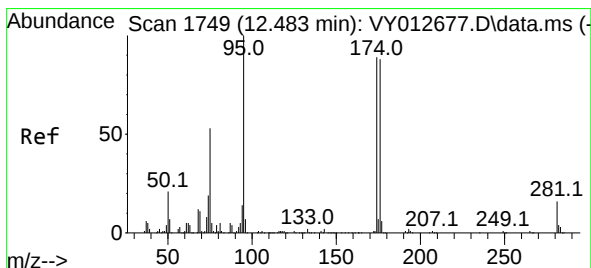
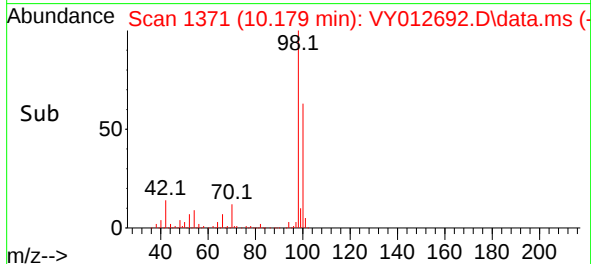
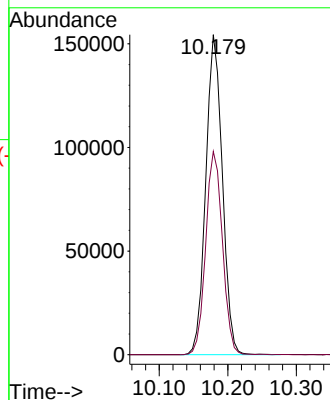
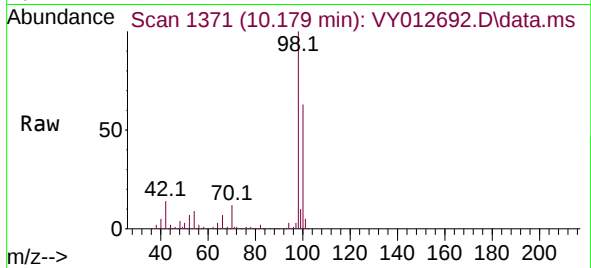




#50
Toluene-d8
Concen: 45.847 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012692.D
Acq: 22 Feb 2023 15:44

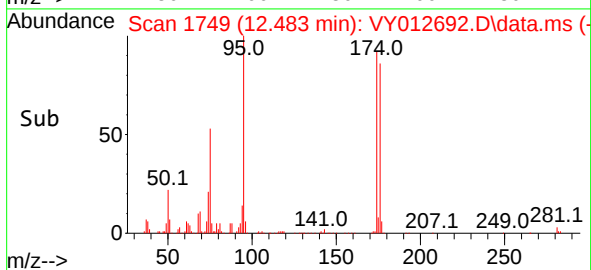
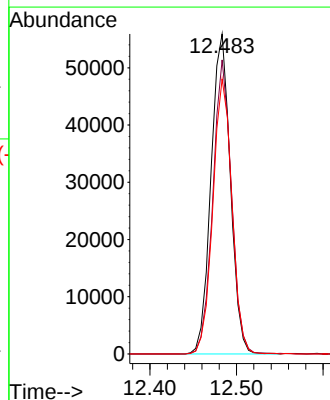
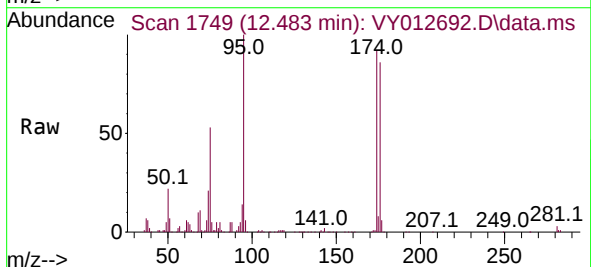
Instrument :
MSVOA_Y
ClientSampleId :
TP-4

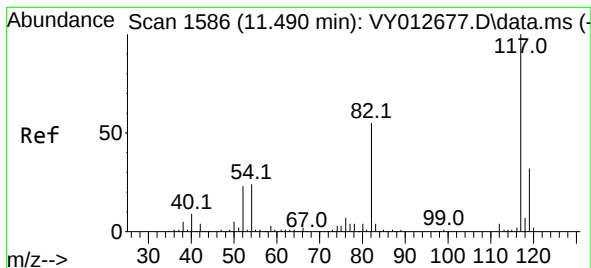
Tgt Ion: 98 Resp: 259808
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 47.806 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012692.D
Acq: 22 Feb 2023 15:44

Tgt Ion: 95 Resp: 86693
Ion Ratio Lower Upper
95 100
174 88.7 0.0 172.8
176 84.7 0.0 169.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012692.D

Acq: 22 Feb 2023 15:44

Instrument :

MSVOA_Y

ClientSampleId :

TP-4

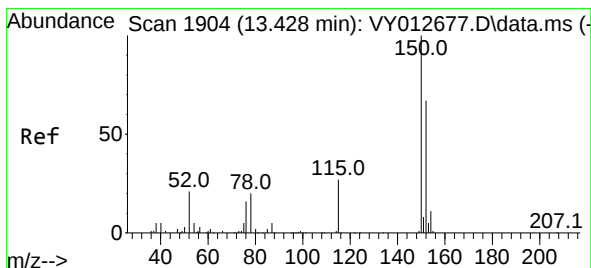
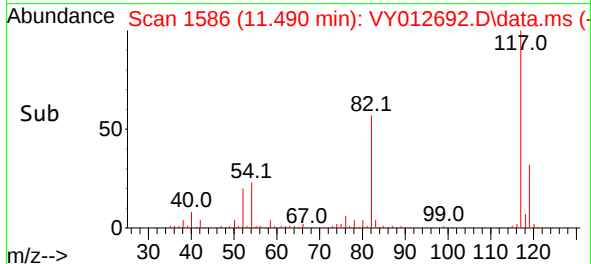
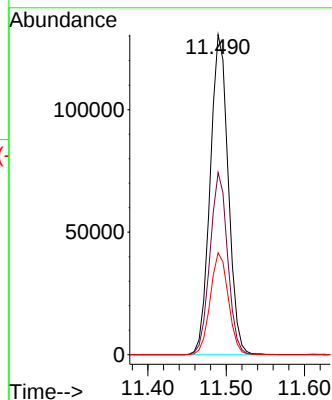
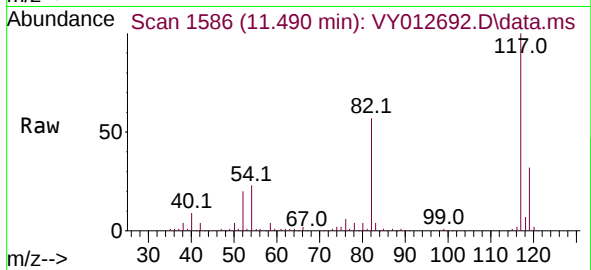
Tgt Ion:117 Resp: 209007

Ion Ratio Lower Upper

117 100

82 56.9 44.1 66.1

119 31.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012692.D

Acq: 22 Feb 2023 15:44

Tgt Ion:152 Resp: 91947

Ion Ratio Lower Upper

152 100

115 55.0 28.7 86.3

150 155.4 0.0 347.6

