

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012594.D
 Acq On : 14 Feb 2023 17:45
 Operator : KP/MD
 Sample : 01552-03
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-4.0-6.0-DUP

Quant Time: Feb 15 01:32:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	136060	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	227022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	106756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	81433	47.066	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.140%
35) Dibromofluoromethane	7.716	113	67620	40.900	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.800%
50) Toluene-d8	10.178	98	270756	39.345	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.700%
62) 4-Bromofluorobenzene	12.483	95	90110	37.541	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.080%

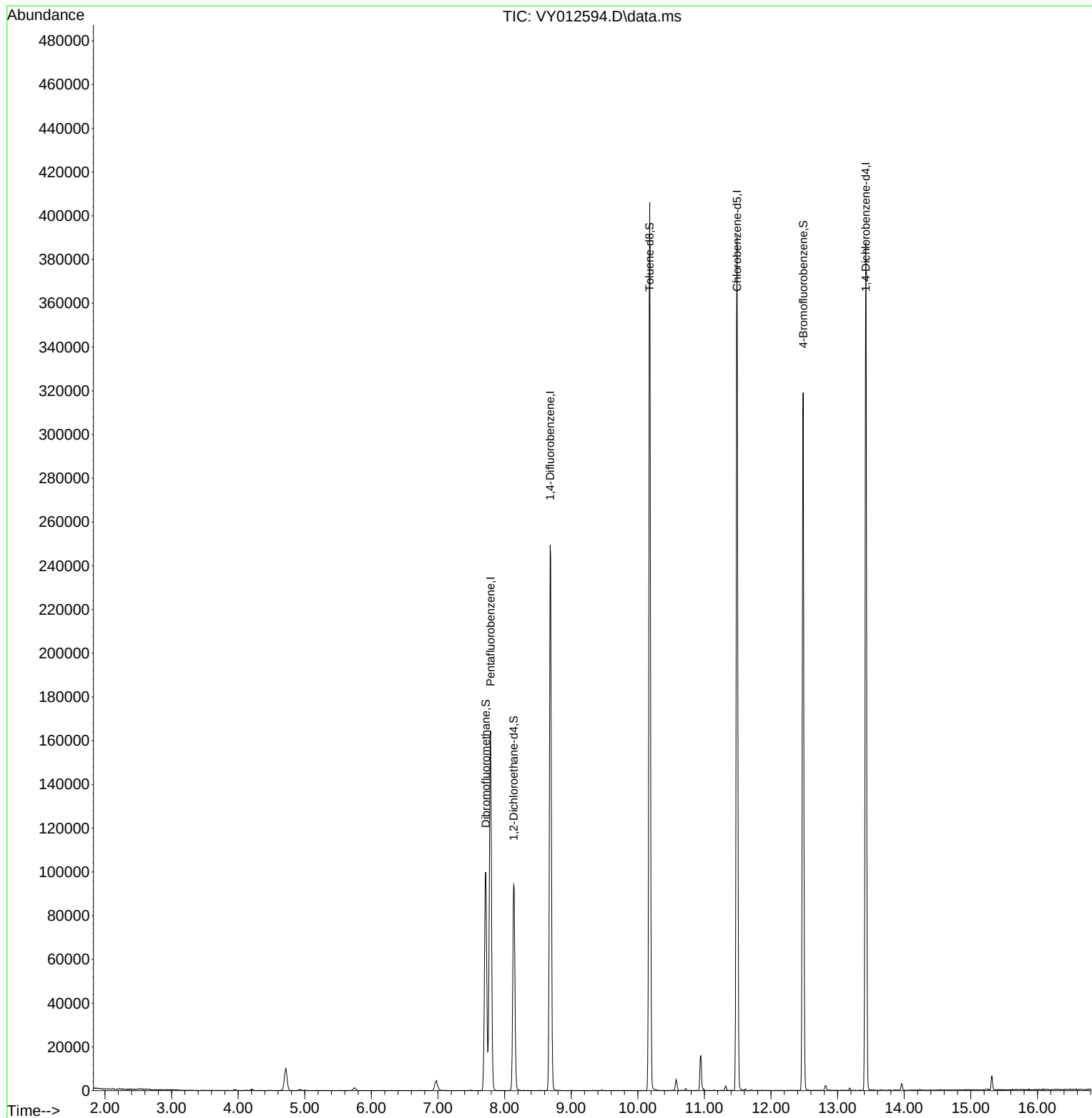
Target Compounds	Qvalue

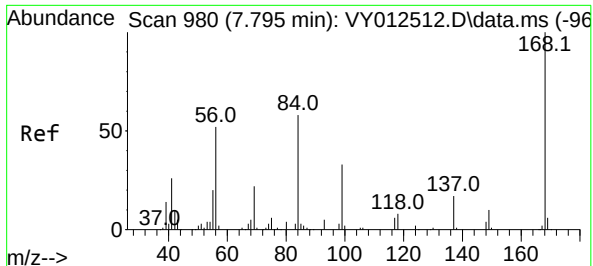
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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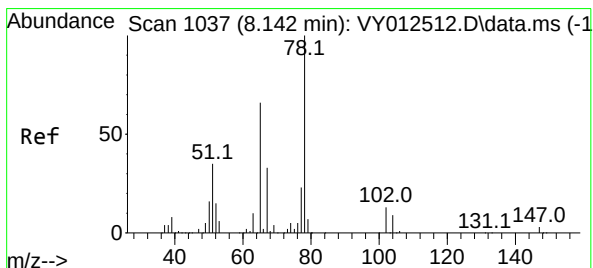
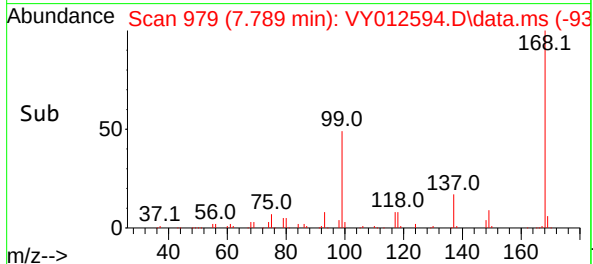
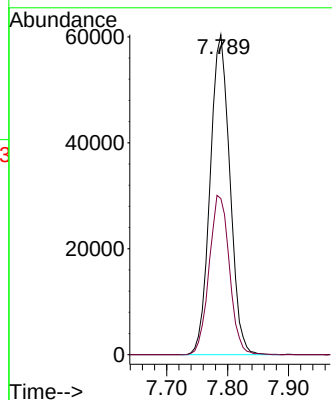
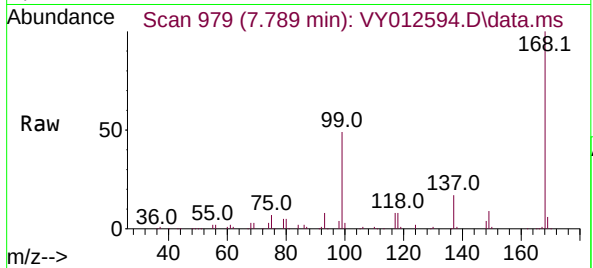




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012594.D
Acq: 14 Feb 2023 17:45

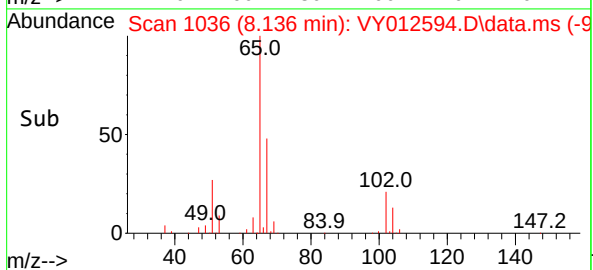
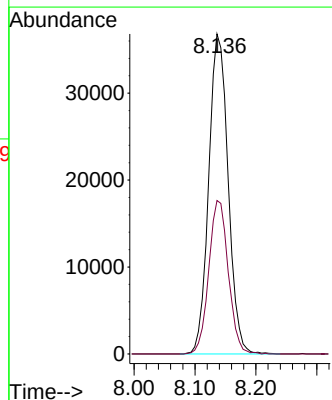
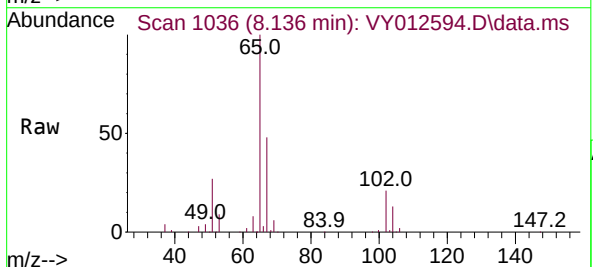
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-4.0-6.0-DUP

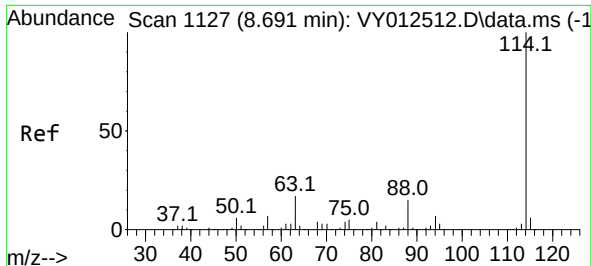
Tgt Ion:168 Resp: 136060
Ion Ratio Lower Upper
168 100
99 48.8 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 47.066 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012594.D
Acq: 14 Feb 2023 17:45

Tgt Ion: 65 Resp: 81433
Ion Ratio Lower Upper
65 100
67 48.3 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012594.D

Acq: 14 Feb 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-4.0-6.0-DUP

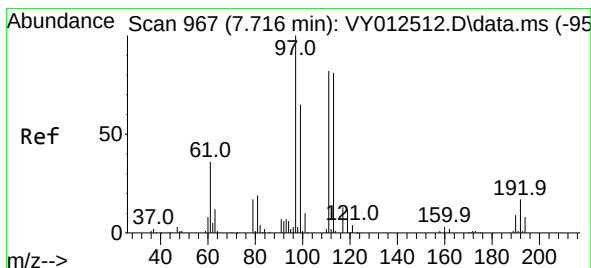
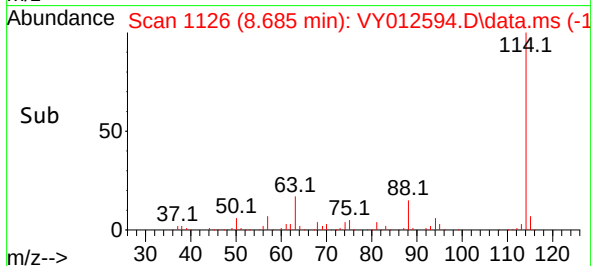
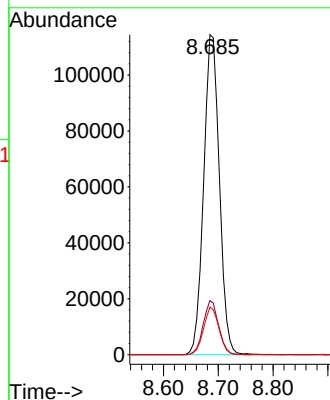
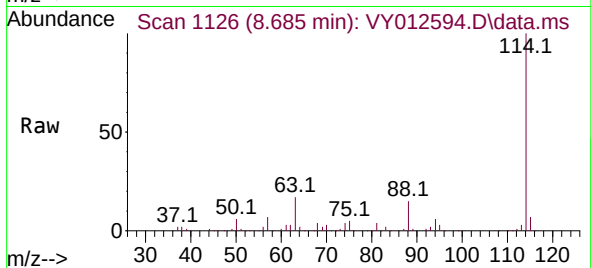
Tgt Ion:114 Resp: 227022

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.6

88 14.9 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.900 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012594.D

Acq: 14 Feb 2023 17:45

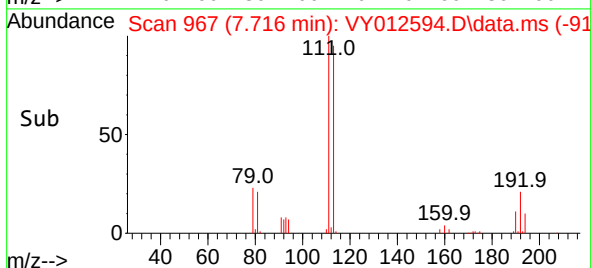
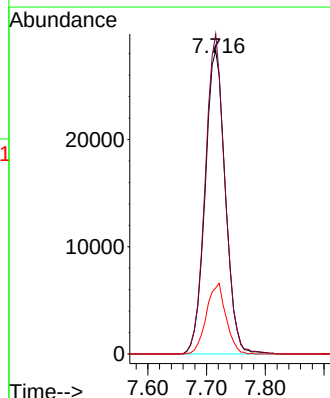
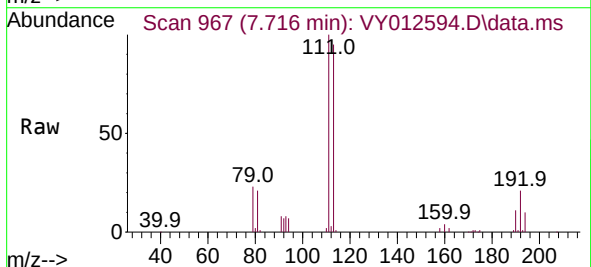
Tgt Ion:113 Resp: 67620

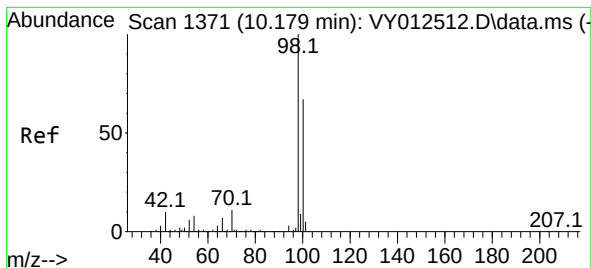
Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

192 22.5 17.5 26.3

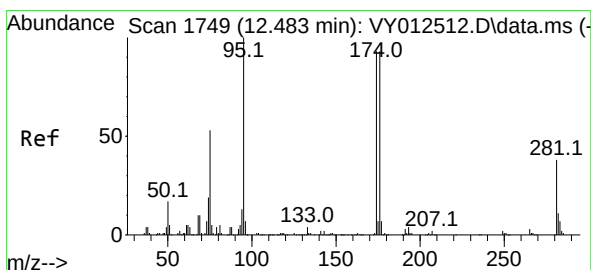
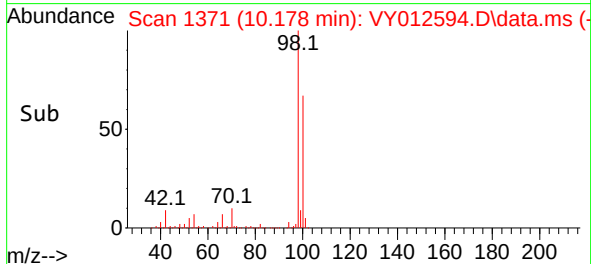
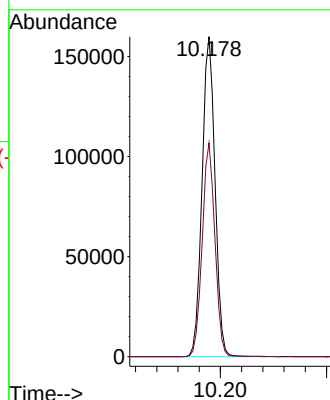
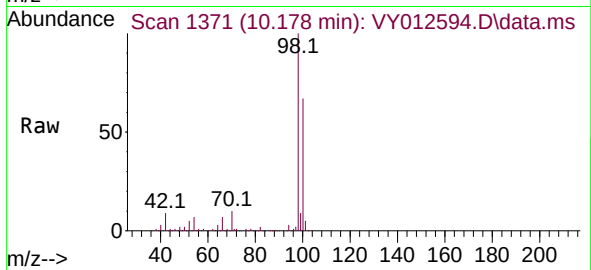




#50
Toluene-d8
Concen: 39.345 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012594.D
Acq: 14 Feb 2023 17:45

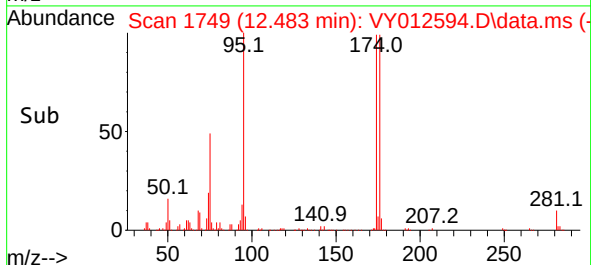
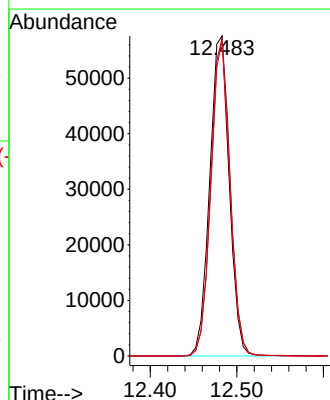
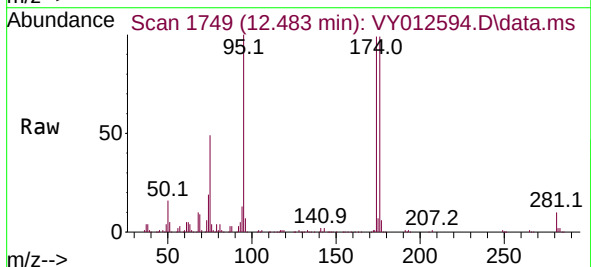
Instrument :
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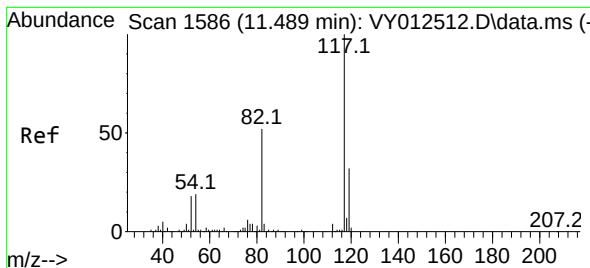
Tgt Ion: 98 Resp: 270756
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 37.541 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012594.D
Acq: 14 Feb 2023 17:45

Tgt Ion: 95 Resp: 90110
Ion Ratio Lower Upper
95 100
174 98.3 0.0 188.0
176 96.2 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012594.D

Acq: 14 Feb 2023 17:45

Instrument :

MSVOA_Y

ClientSampleId :

SB-01-4.0-6.0-DUP

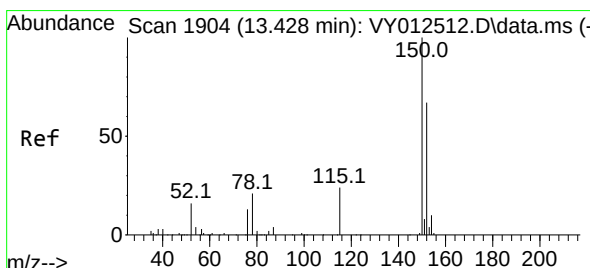
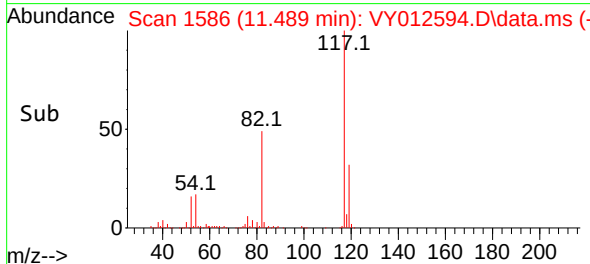
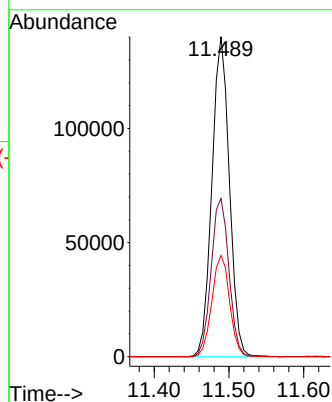
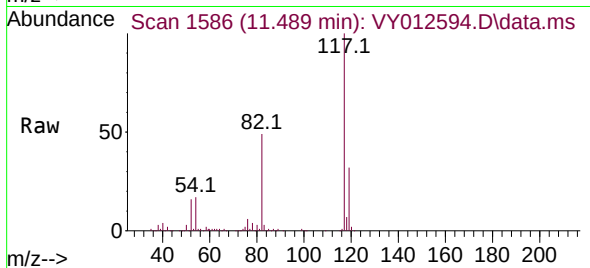
Tgt Ion:117 Resp: 227146

Ion Ratio Lower Upper

117 100

82 49.5 41.7 62.5

119 31.6 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012594.D

Acq: 14 Feb 2023 17:45

Tgt Ion:152 Resp: 106756

Ion Ratio Lower Upper

152 100

115 57.0 28.1 84.3

150 158.0 0.0 351.0

