

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014445.D
 Acq On : 26 Jun 2023 19:34
 Operator : KP/MD
 Sample : 03375-08
 Misc : 3.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3(8-10)

Quant Time: Jun 27 01:51:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	169116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	257840	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	246670	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109458	52.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.260%
35) Dibromofluoromethane	7.728	113	78755	49.438	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.880%
50) Toluene-d8	10.185	98	303229	47.886	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.483	95	102046	45.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.280%

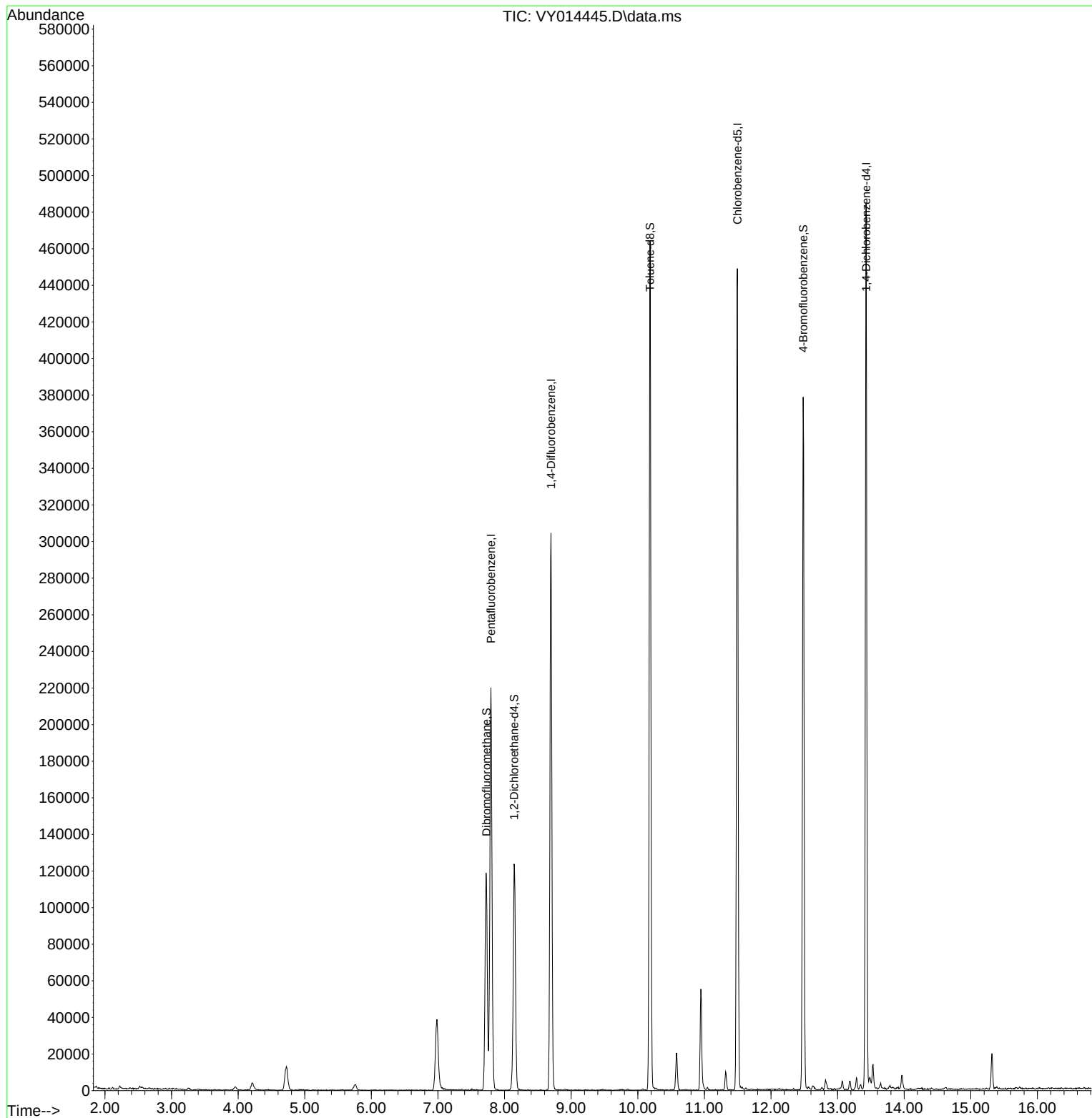
Target Compounds	Qvalue

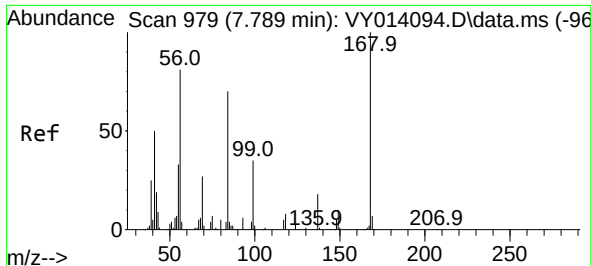
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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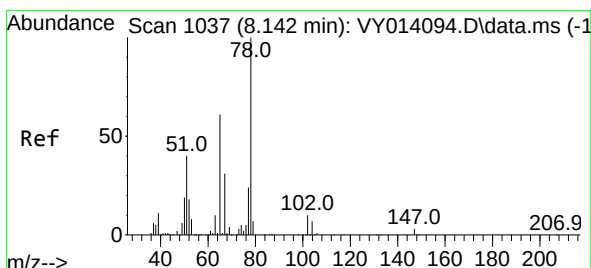
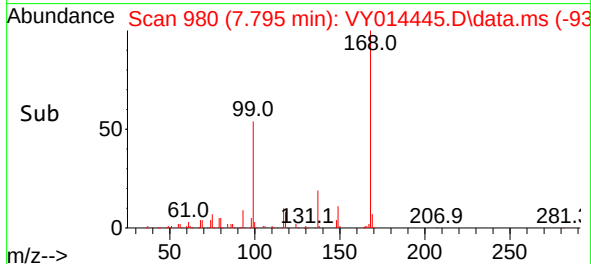
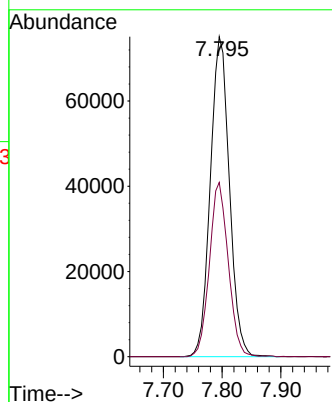
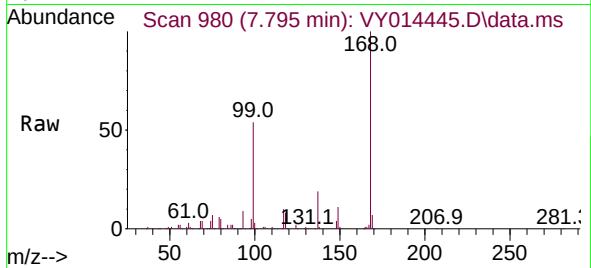




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

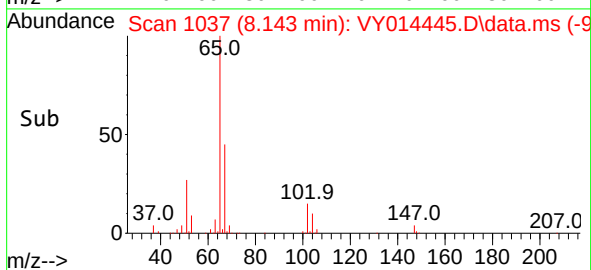
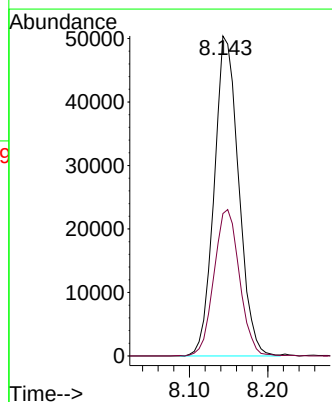
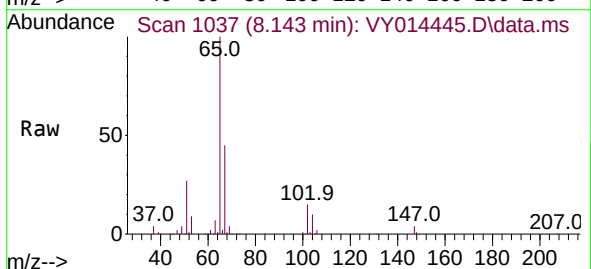
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(8-10)

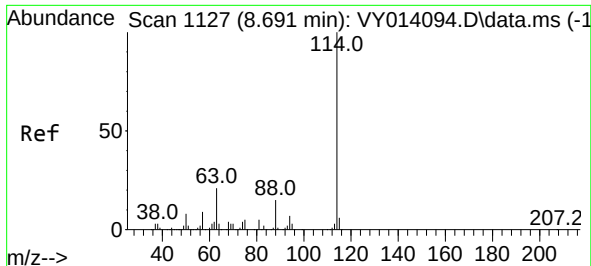
Tgt Ion:168 Resp: 169116
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 52.130 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 65 Resp: 109458
Ion Ratio Lower Upper
65 100
67 47.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-3(8-10)

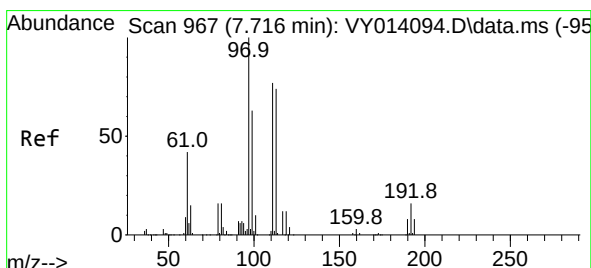
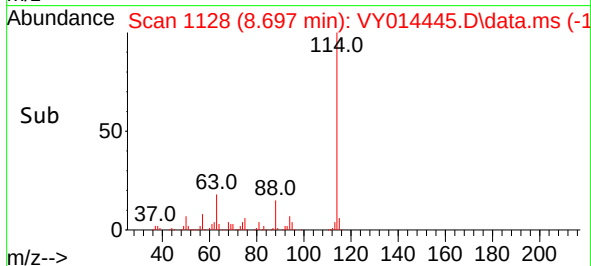
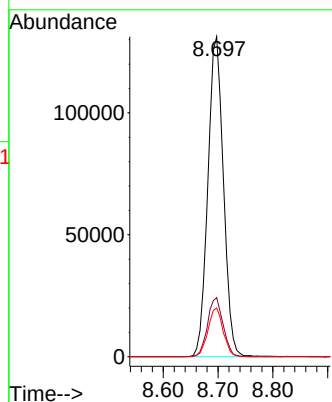
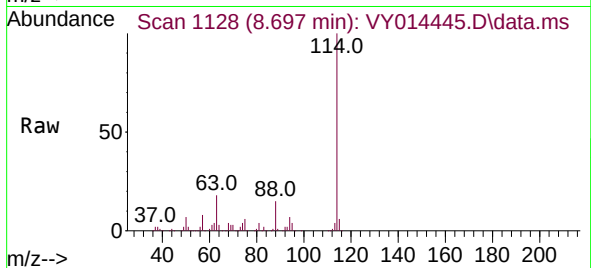
Tgt Ion:114 Resp: 257840

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.438 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

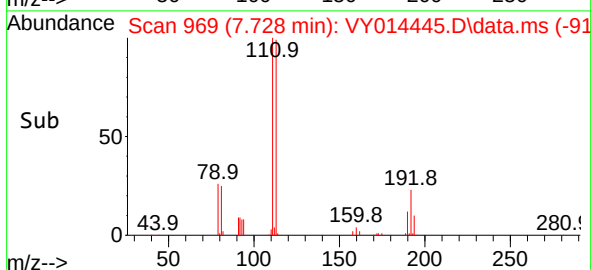
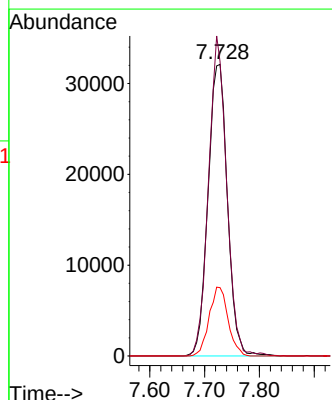
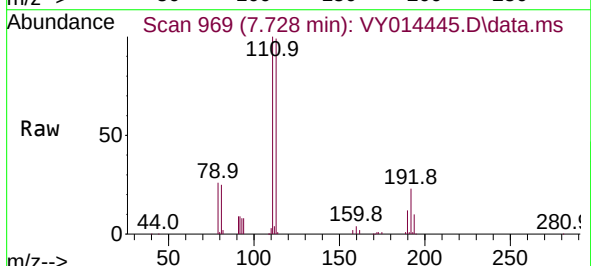
Tgt Ion:113 Resp: 78755

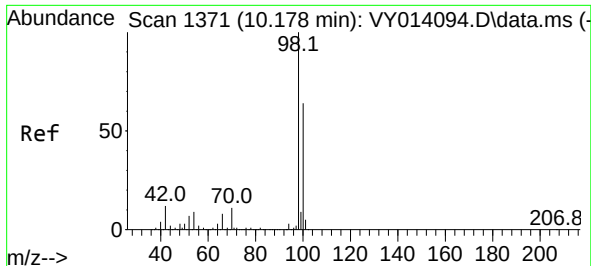
Ion Ratio Lower Upper

113 100

111 102.1 81.3 121.9

192 23.0 16.9 25.3

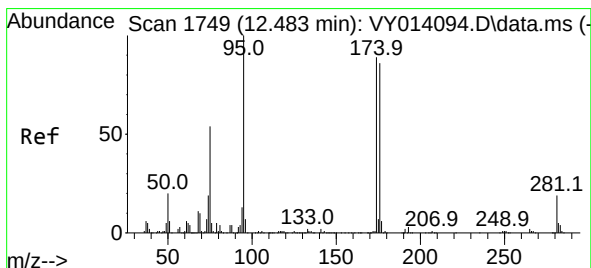
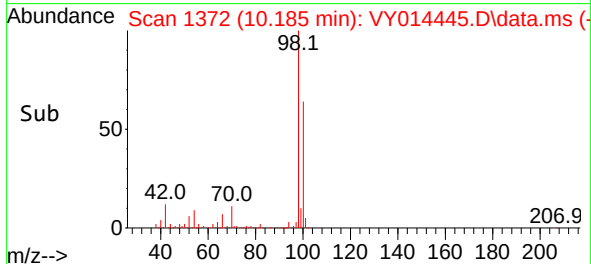
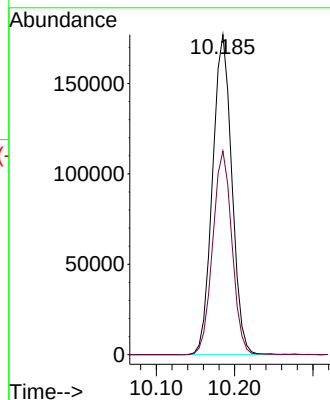
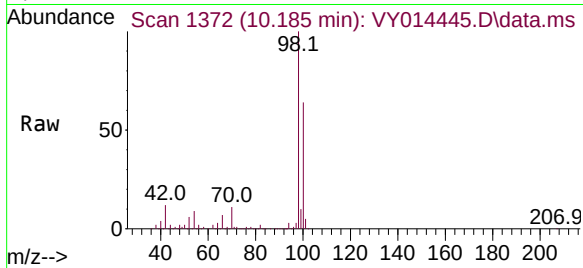




#50
Toluene-d8
Concen: 47.886 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

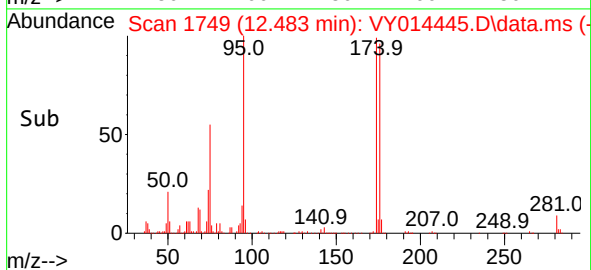
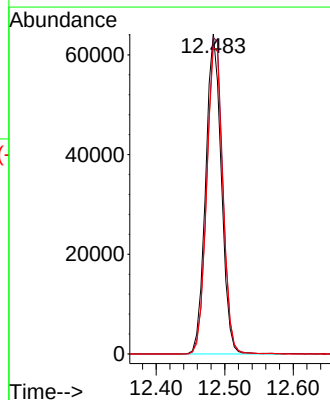
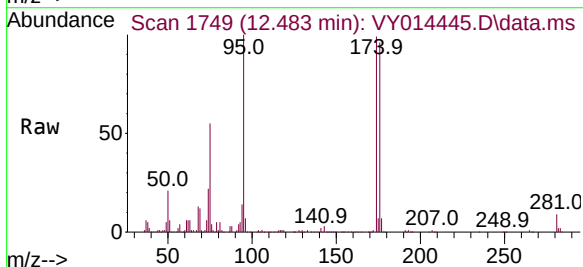
Instrument :
MSVOA_Y
ClientSampleId :
SB-3(8-10)

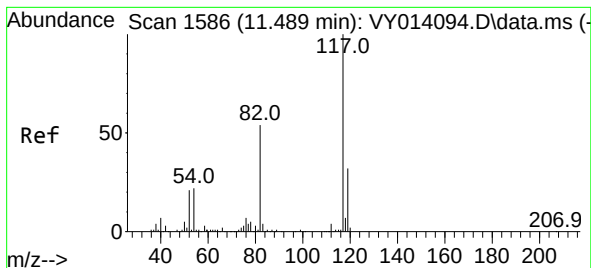
Tgt Ion: 98 Resp: 303229
Ion Ratio Lower Upper
98 100
100 63.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 45.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014445.D
Acq: 26 Jun 2023 19:34

Tgt Ion: 95 Resp: 102046
Ion Ratio Lower Upper
95 100
174 101.1 0.0 178.2
176 98.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

Instrument :

MSVOA_Y

ClientSampleId :

SB-3(8-10)

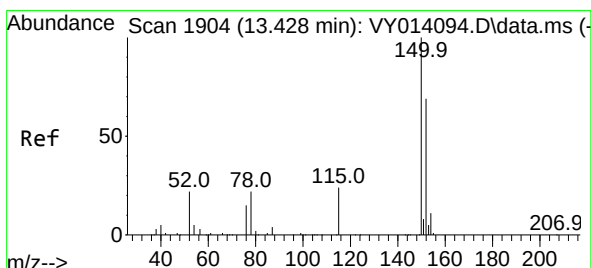
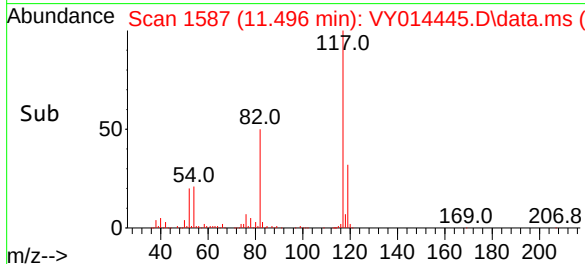
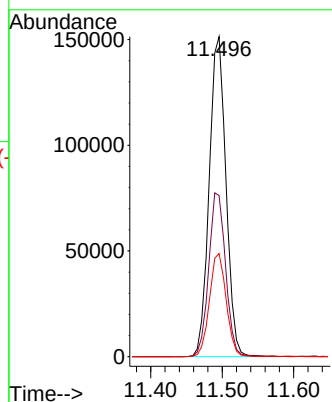
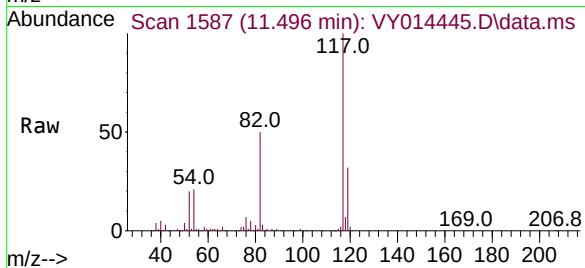
Tgt Ion:117 Resp: 246670

Ion Ratio Lower Upper

117 100

82 50.4 43.4 65.0

119 32.2 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014445.D

Acq: 26 Jun 2023 19:34

Tgt Ion:152 Resp: 123482

Ion Ratio Lower Upper

152 100

115 55.8 28.8 86.5

150 157.1 0.0 348.8

