

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014454.D
 Acq On : 27 Jun 2023 13:38
 Operator : KP/MD
 Sample : 03402-03RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP2-0623RE

Quant Time: Jun 27 16:43:01 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	2029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4251	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1539	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	2730	108.369	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	216.740%#
35) Dibromofluoromethane	7.728	113	974	41.884	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.760%
50) Toluene-d8	10.179	98	4496	48.637	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.280%
62) 4-Bromofluorobenzene	12.489	95	1539	46.634	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.260%

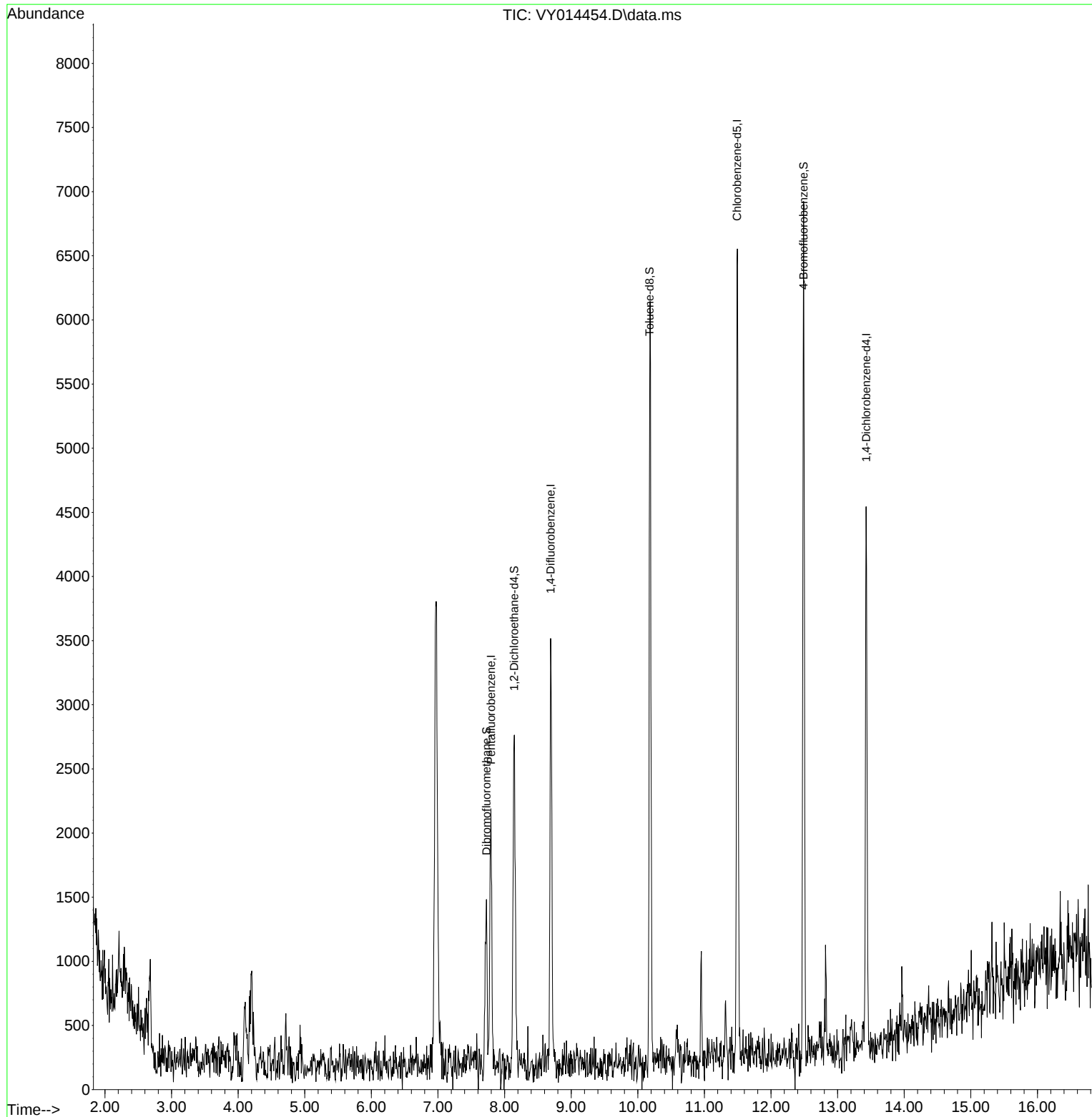
Target Compounds	Qvalue

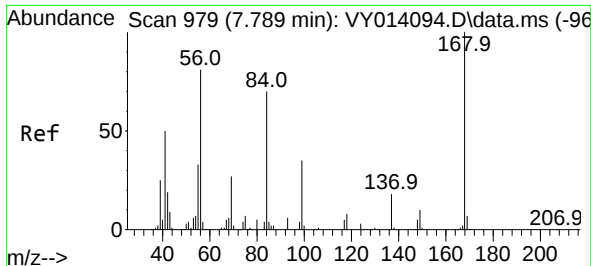
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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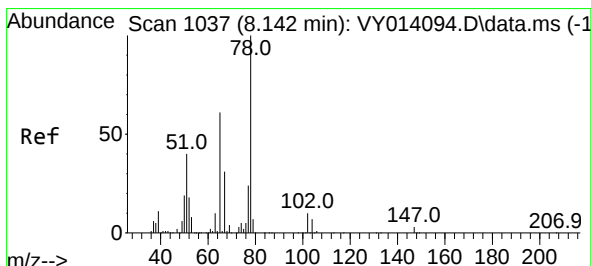
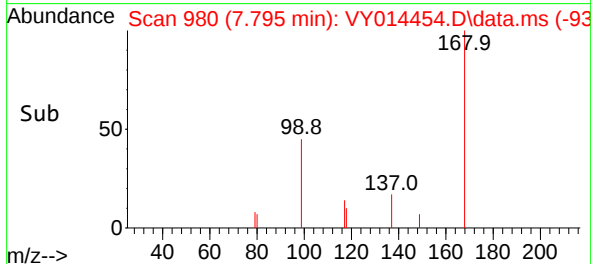
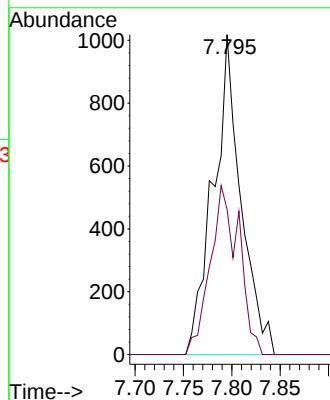
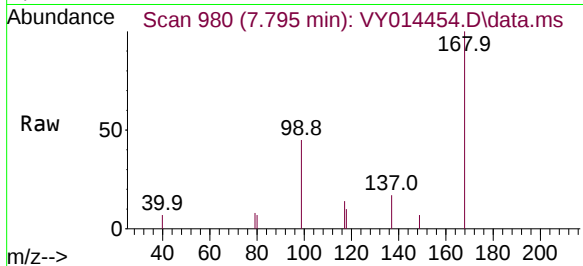




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014454.D
Acq: 27 Jun 2023 13:38

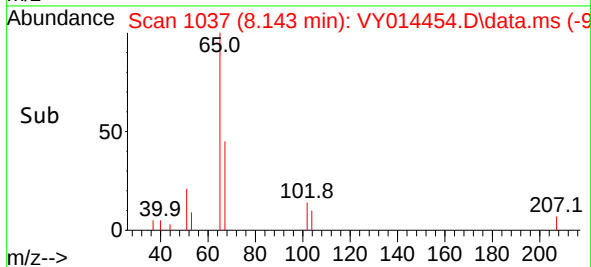
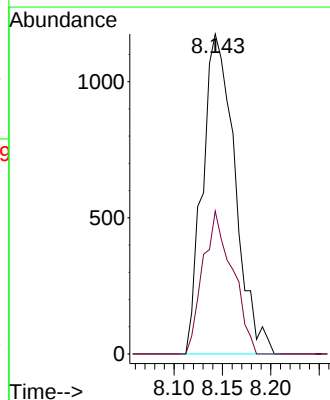
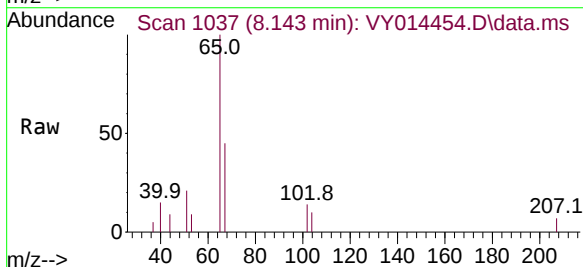
Instrument :
MSVOA_Y
ClientSampleId :
TP2-0623RE

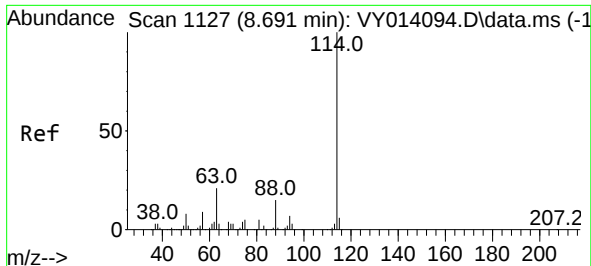
Tgt Ion:168 Resp: 2029
Ion Ratio Lower Upper
168 100
99 45.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 108.369 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014454.D
Acq: 27 Jun 2023 13:38

Tgt Ion: 65 Resp: 2730
Ion Ratio Lower Upper
65 100
67 41.0 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014454.D

Acq: 27 Jun 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0623RE

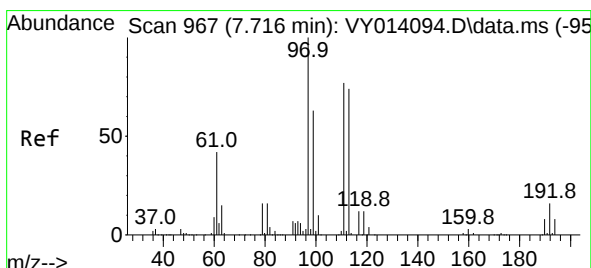
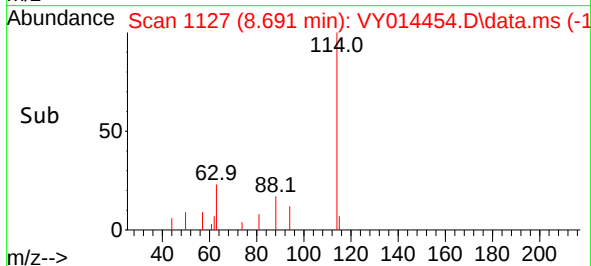
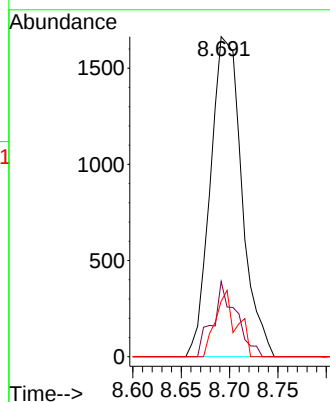
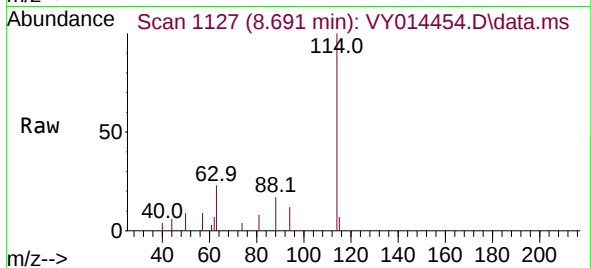
Tgt Ion:114 Resp: 3764

Ion Ratio Lower Upper

114 100

63 23.5 0.0 42.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 41.884 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY014454.D

Acq: 27 Jun 2023 13:38

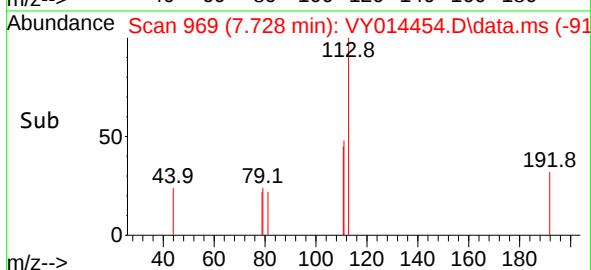
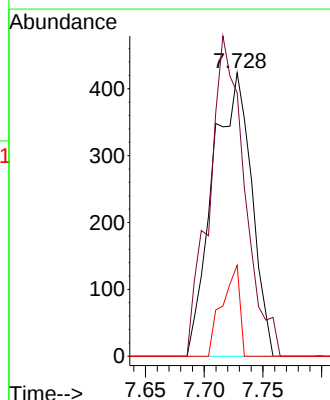
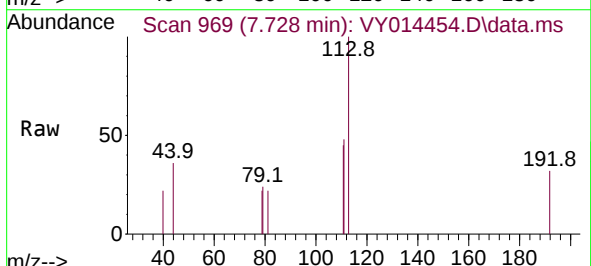
Tgt Ion:113 Resp: 974

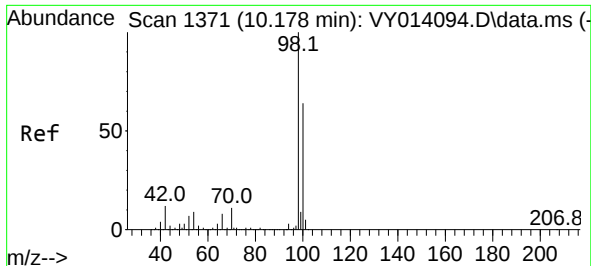
Ion Ratio Lower Upper

113 100

111 102.7 81.3 121.9

192 14.6 16.9 25.3#

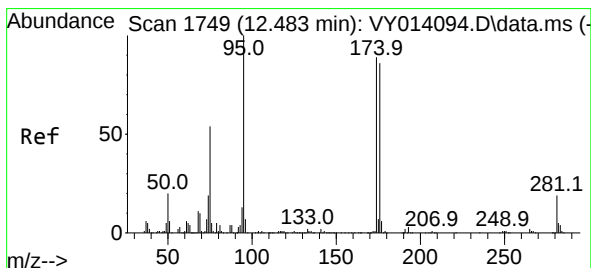
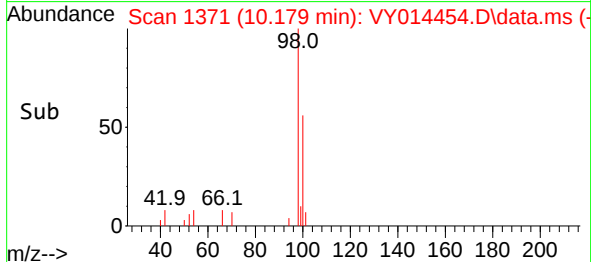
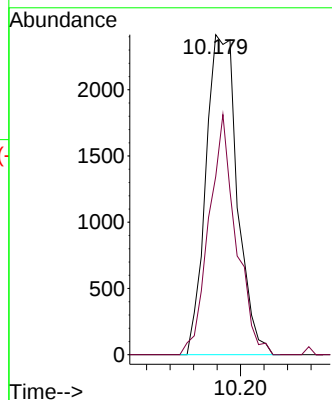
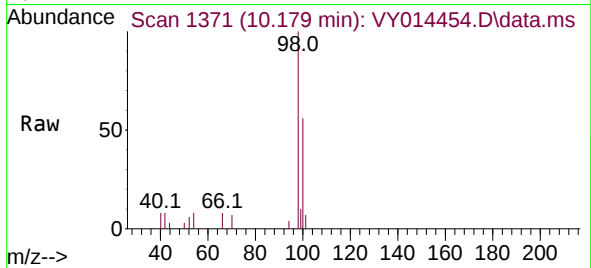




#50
Toluene-d8
Concen: 48.637 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014454.D
Acq: 27 Jun 2023 13:38

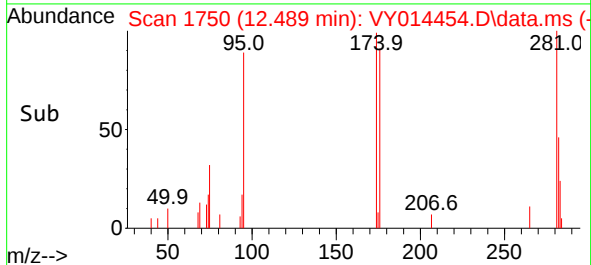
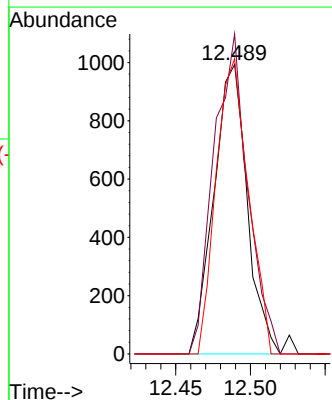
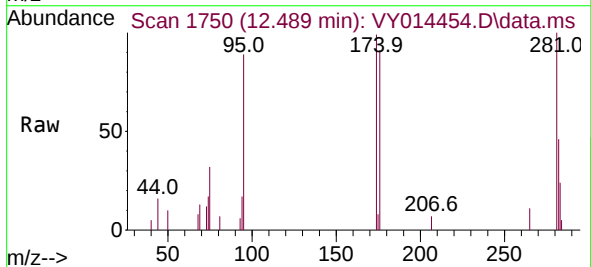
Instrument :
MSVOA_Y
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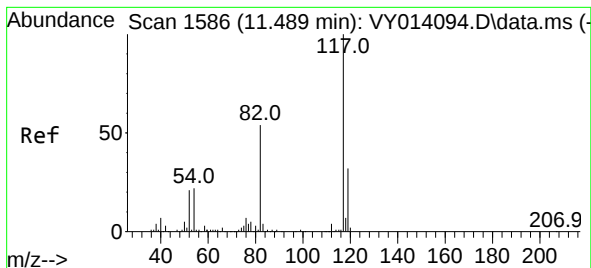
Tgt Ion: 98 Resp: 4496
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 46.634 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY014454.D
Acq: 27 Jun 2023 13:38

Tgt Ion: 95 Resp: 1539
Ion Ratio Lower Upper
95 100
174 113.0 0.0 178.2
176 99.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014454.D

Acq: 27 Jun 2023 13:38

Instrument :

MSVOA_Y

ClientSampleId :

TP2-0623RE

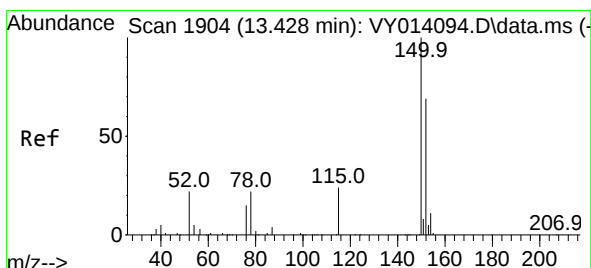
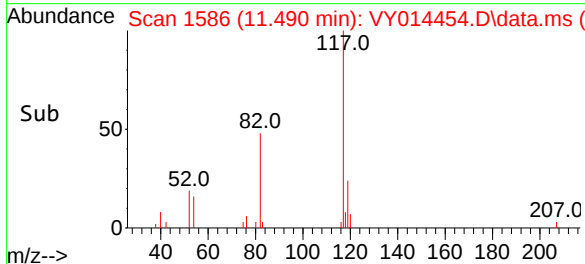
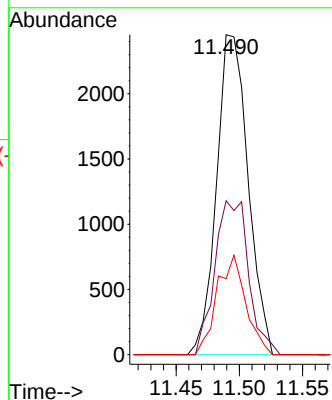
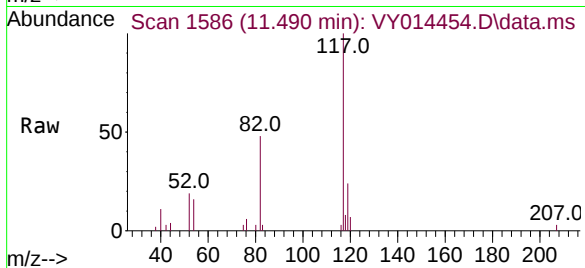
Tgt Ion:117 Resp: 4251

Ion Ratio Lower Upper

117 100

82 48.1 43.4 65.0

119 23.7 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: VY014454.D

Acq: 27 Jun 2023 13:38

Tgt Ion:152 Resp: 1539

Ion Ratio Lower Upper

152 100

115 52.8 28.8 86.5

150 140.7 0.0 348.8

