

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062623\
 Data File : VY014425.D
 Acq On : 26 Jun 2023 11:46
 Operator : KP/MD
 Sample : 03369-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1650RE

Quant Time: Jun 26 12:21:15 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	7.789	168	66363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	95556	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	88166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	41851	50.793	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.580%
35) Dibromofluoromethane	7.716	113	30647	51.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.820%
50) Toluene-d8	10.179	98	111375	47.459	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.483	95	34911	41.669	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.340%

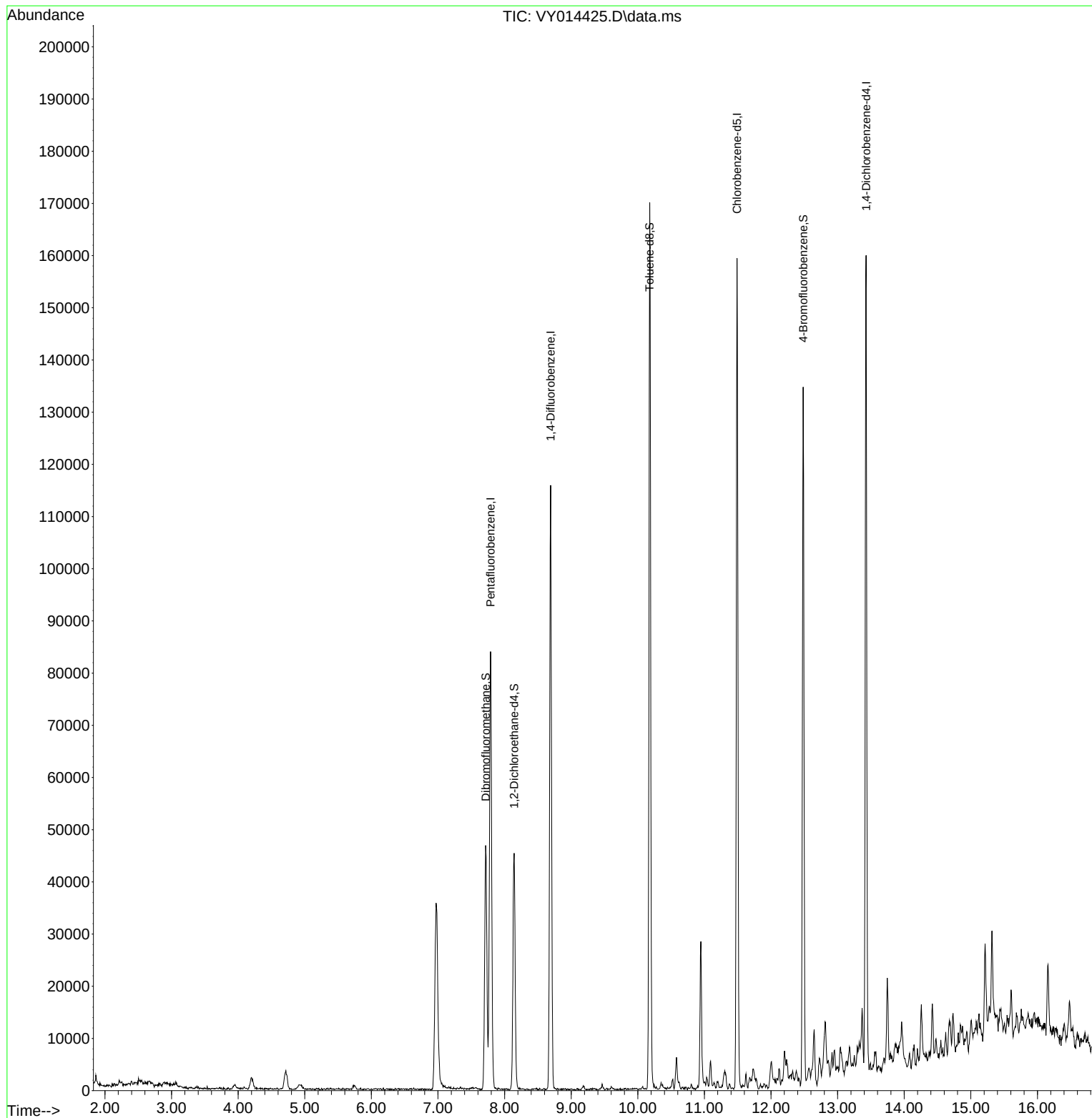
Target Compounds	Qvalue

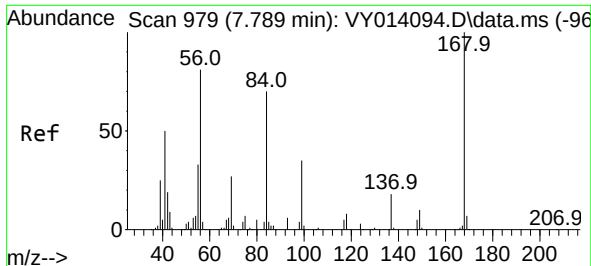
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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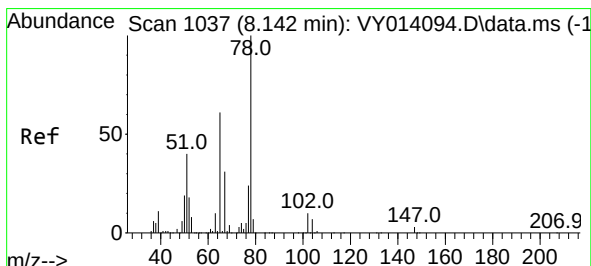
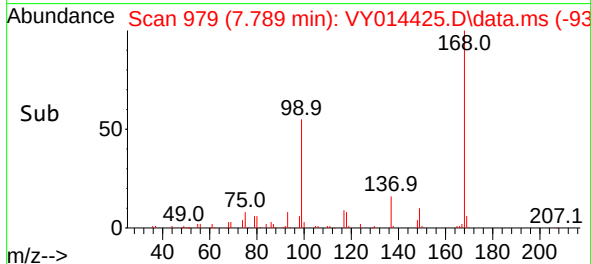
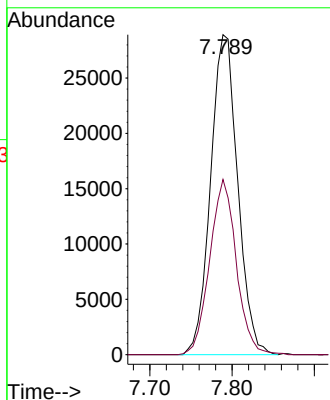
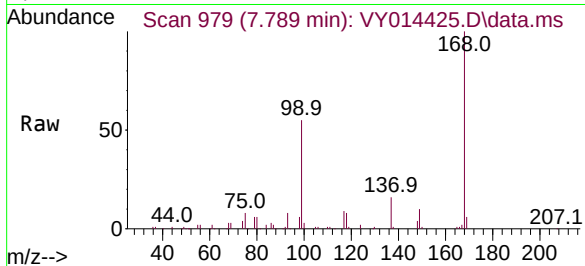




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014425.D
Acq: 26 Jun 2023 11:46

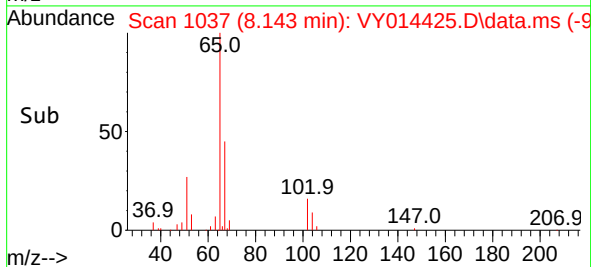
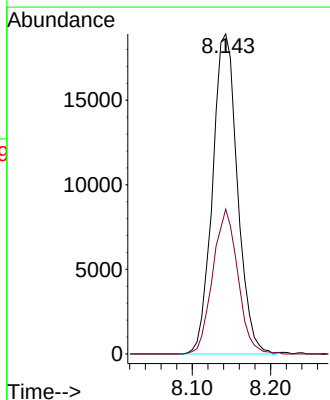
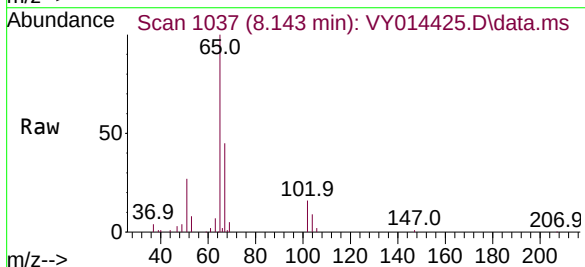
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1650RE

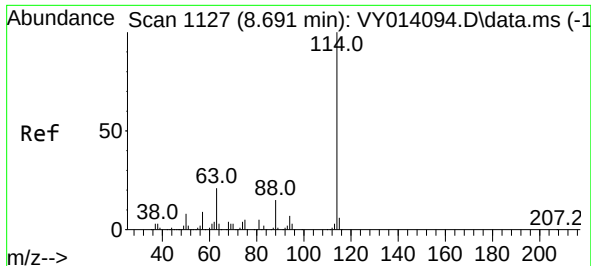
Tgt Ion:168 Resp: 66363
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 50.793 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014425.D
Acq: 26 Jun 2023 11:46

Tgt Ion: 65 Resp: 41851
Ion Ratio Lower Upper
65 100
67 45.5 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: VY014425.D

Acq: 26 Jun 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1650RE

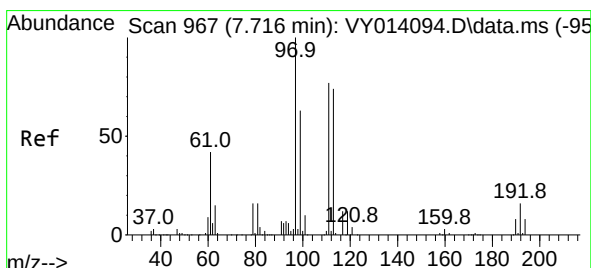
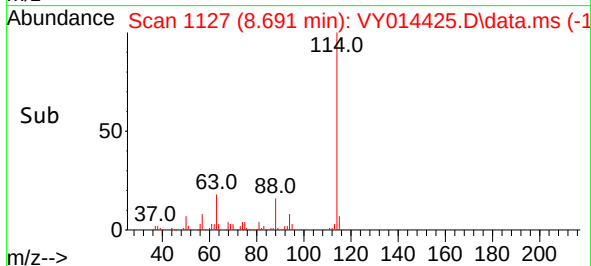
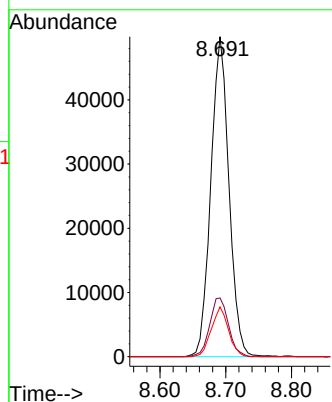
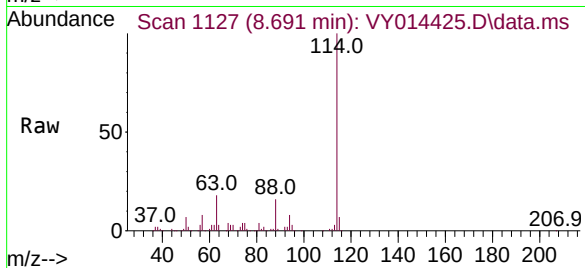
Tgt Ion:114 Resp: 95556

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.912 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014425.D

Acq: 26 Jun 2023 11:46

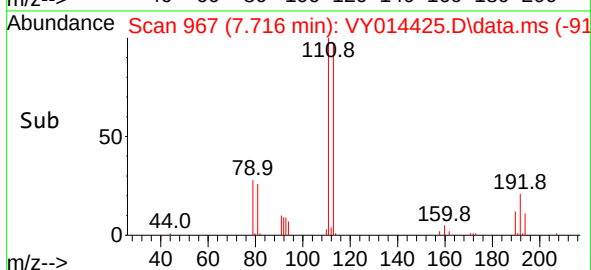
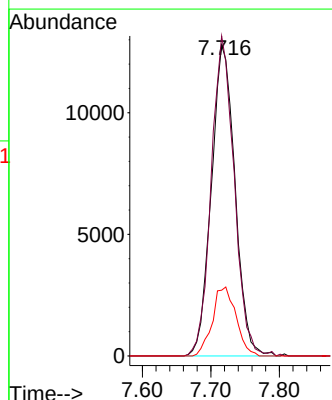
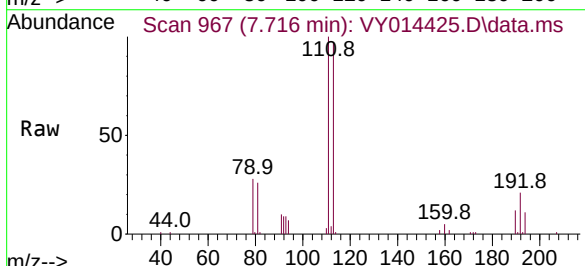
Tgt Ion:113 Resp: 30647

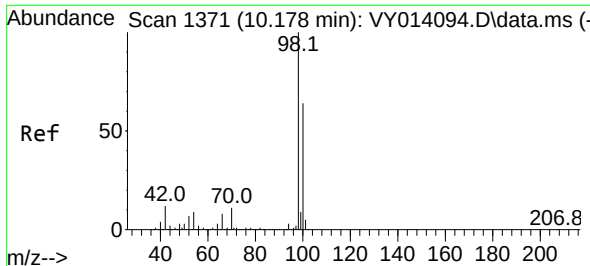
Ion Ratio Lower Upper

113 100

111 100.0 81.3 121.9

192 22.2 16.9 25.3

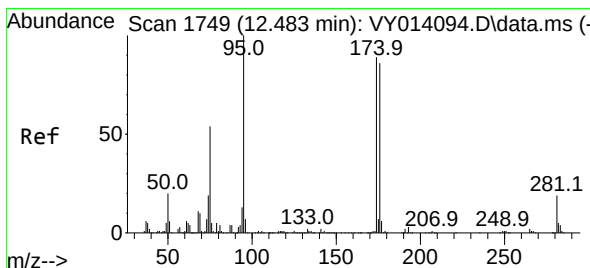
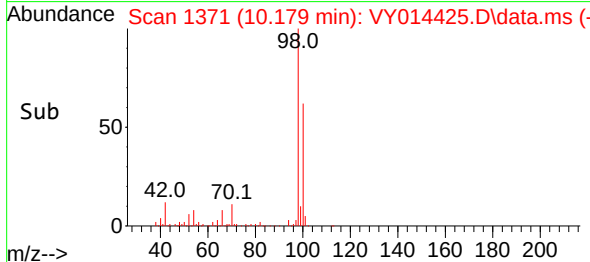
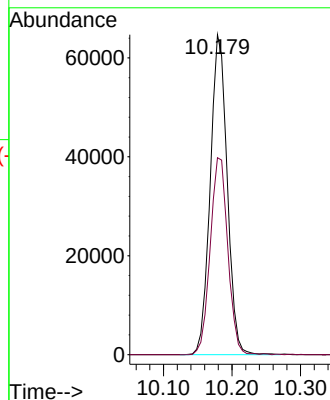
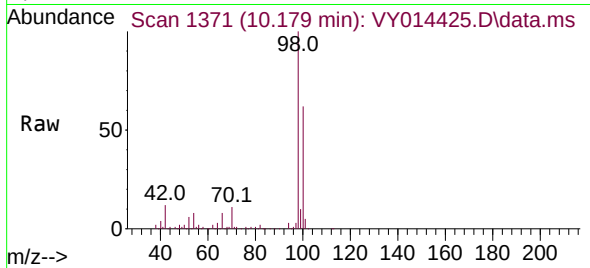




#50
Toluene-d8
Concen: 47.459 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014425.D
Acq: 26 Jun 2023 11:46

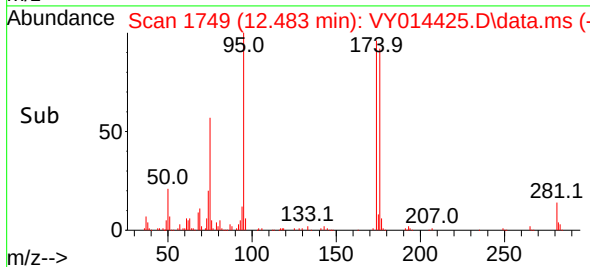
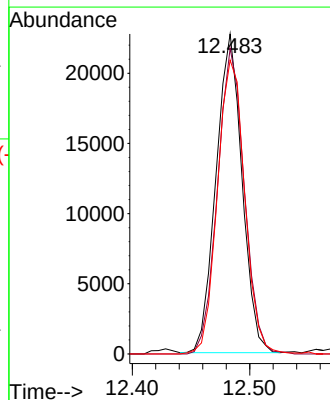
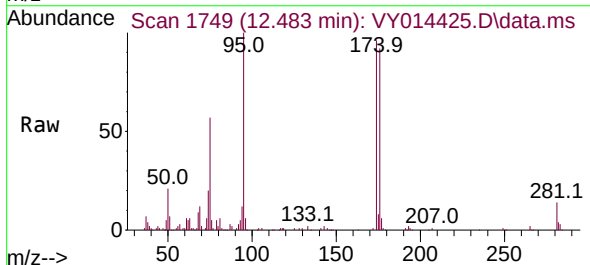
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ORA-1650RE

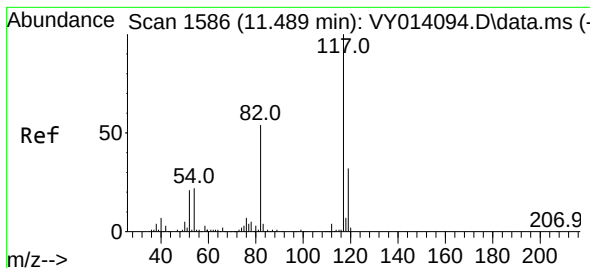
Tgt Ion: 98 Resp: 111375
Ion Ratio Lower Upper
98 100
100 63.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 41.669 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014425.D
Acq: 26 Jun 2023 11:46

Tgt Ion: 95 Resp: 34911
Ion Ratio Lower Upper
95 100
174 98.8 0.0 178.2
176 96.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014425.D

Acq: 26 Jun 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1650RE

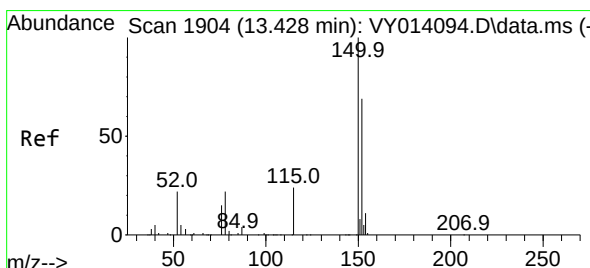
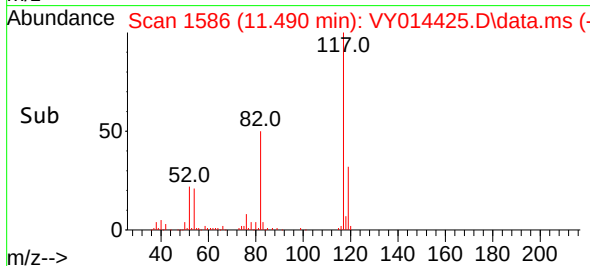
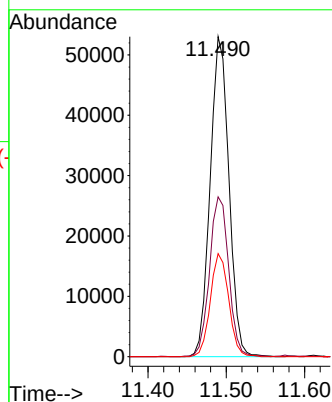
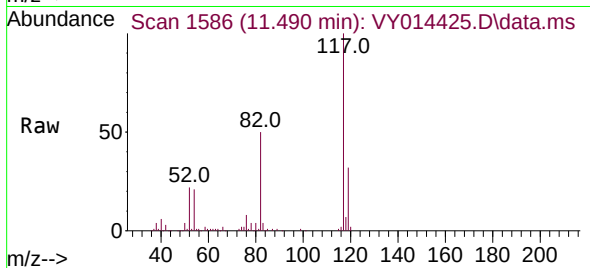
Tgt Ion:117 Resp: 88166

Ion Ratio Lower Upper

117 100

82 50.0 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: VY014425.D

Acq: 26 Jun 2023 11:46

Tgt Ion:152 Resp: 41332

Ion Ratio Lower Upper

152 100

115 56.5 28.8 86.5

150 155.0 0.0 348.8

