

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031924\
 Data File : VY017714.D
 Acq On : 19 Mar 2024 18:07
 Operator : SY/MD
 Sample : P1804-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-03192024-B

Quant Time: Mar 20 03:04:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	61373	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	103931	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	93072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	34232	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	29872	51.357	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.720%
35) Dibromofluoromethane	7.728	113	36481	50.373	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.740%
50) Toluene-d8	10.191	98	118454	46.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.489	95	29915	37.592	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.180%

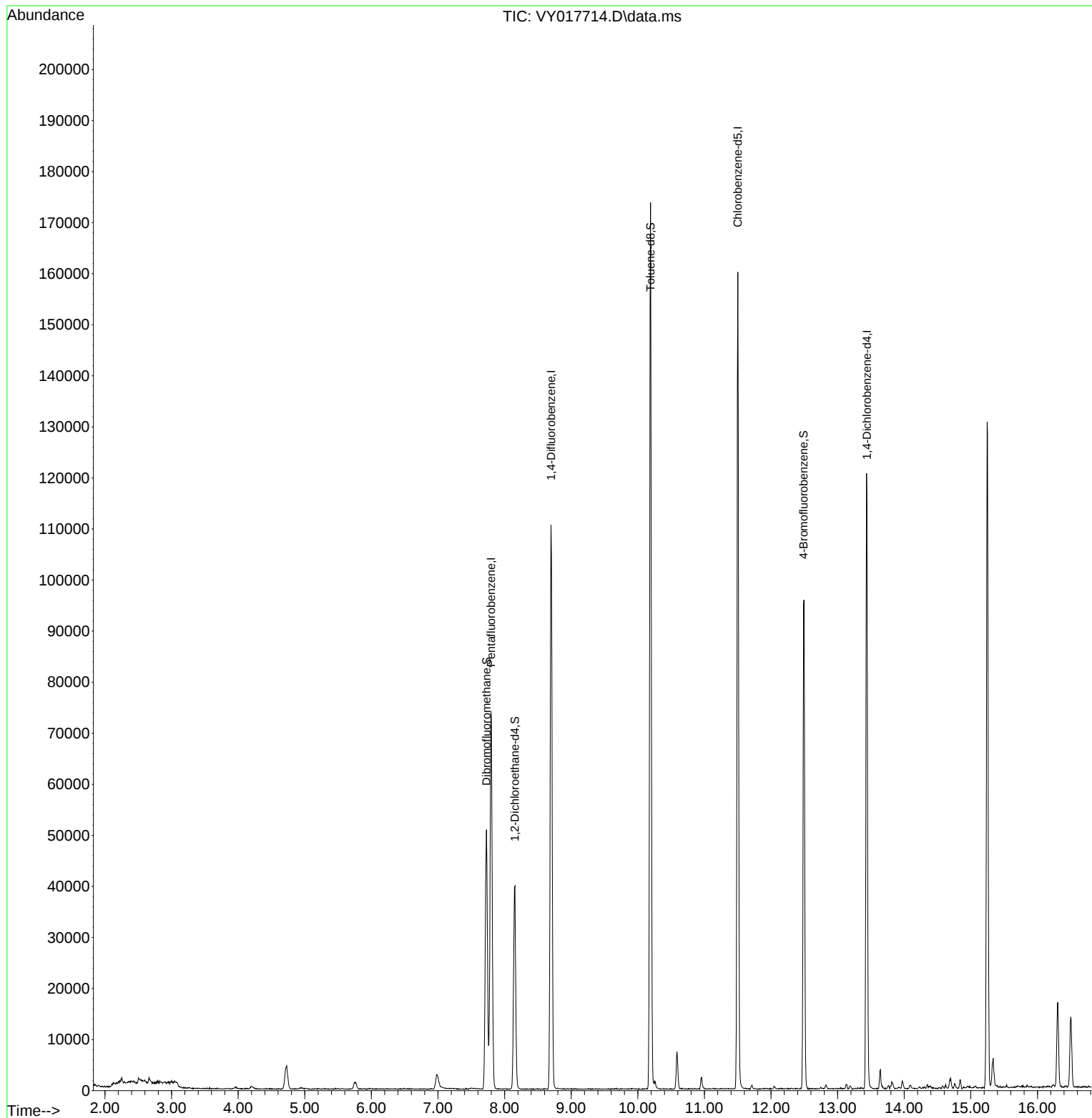
Target Compounds	Qvalue

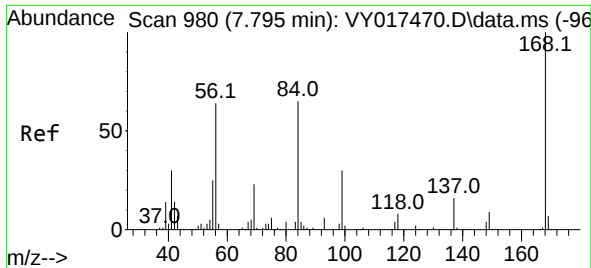
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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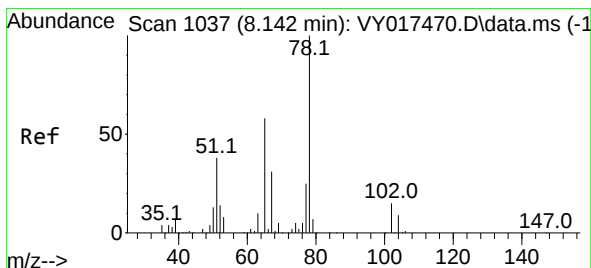
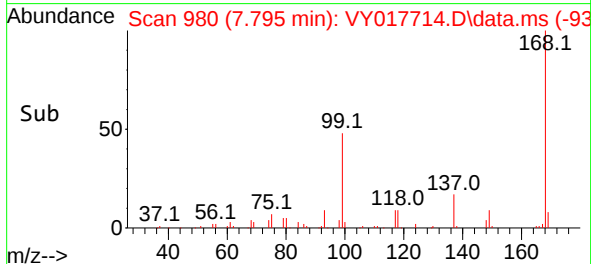
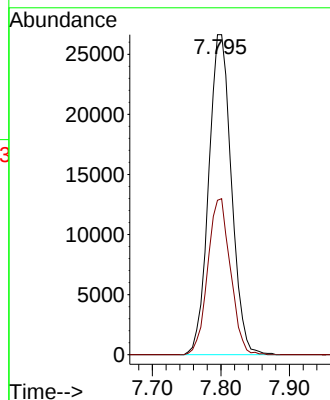
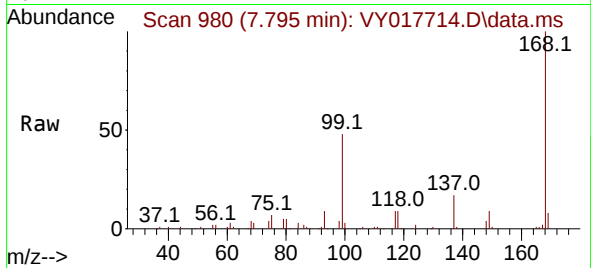




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

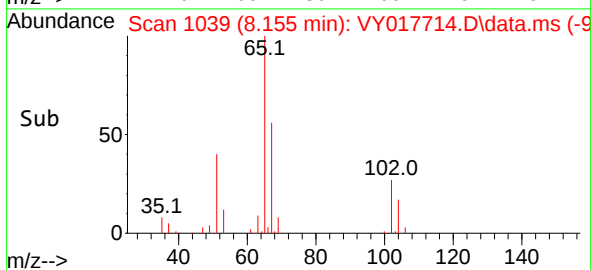
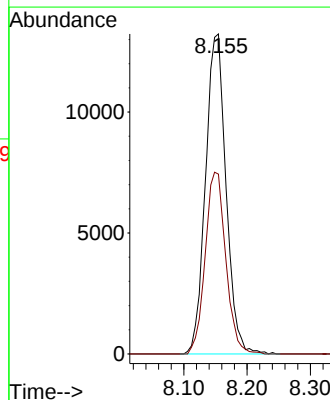
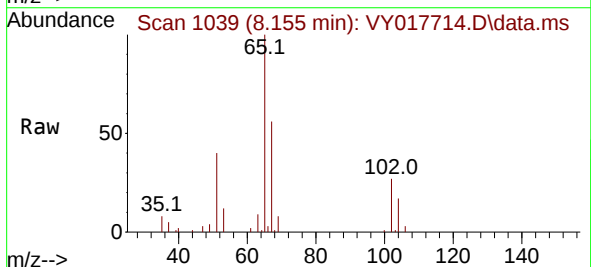
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-03192024-B

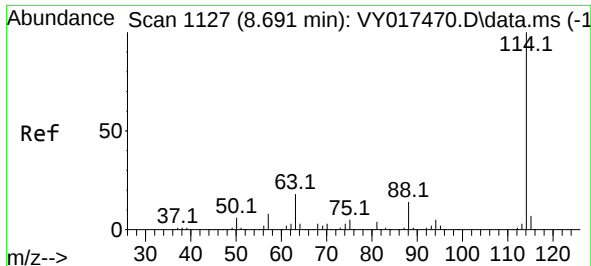
Tgt Ion:168 Resp: 61373
Ion Ratio Lower Upper
168 100
99 48.3 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.357 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Tgt Ion: 65 Resp: 29872
Ion Ratio Lower Upper
65 100
67 57.0 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-03192024-B

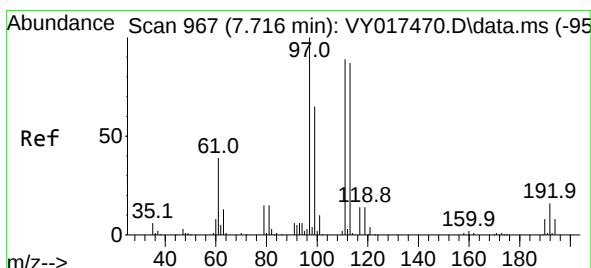
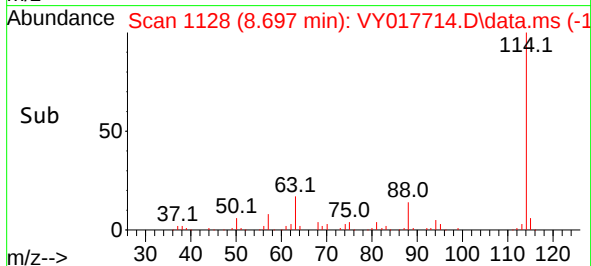
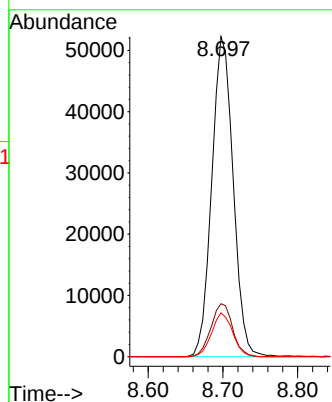
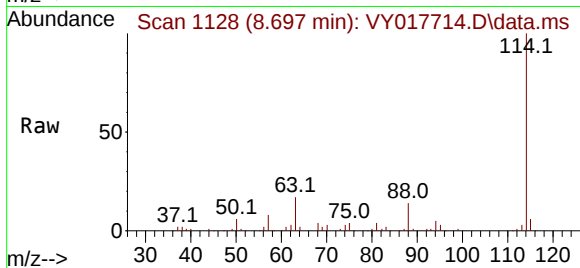
Tgt Ion:114 Resp: 103931

Ion Ratio Lower Upper

114 100

63 16.6 0.0 35.0

88 13.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.373 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

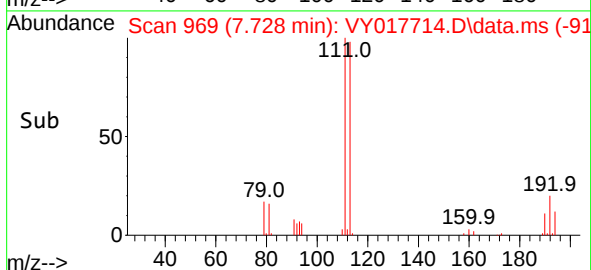
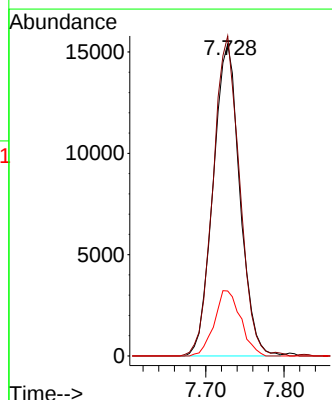
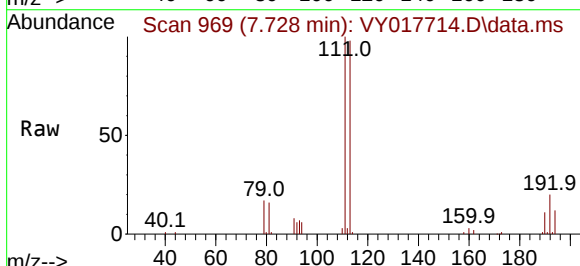
Tgt Ion:113 Resp: 36481

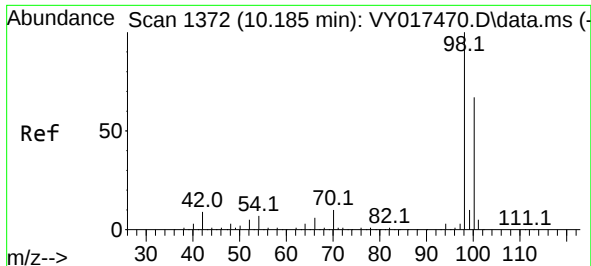
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

192 20.6 15.9 23.9

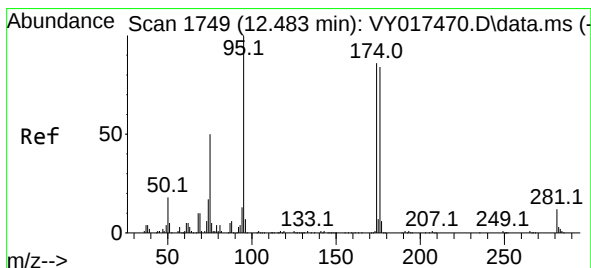
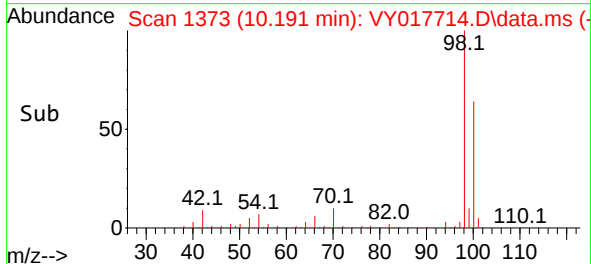
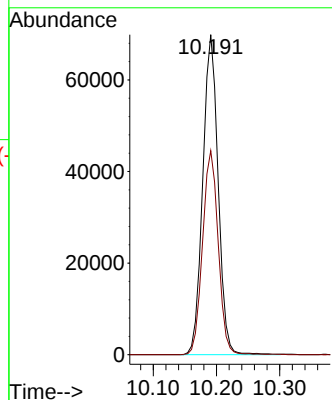
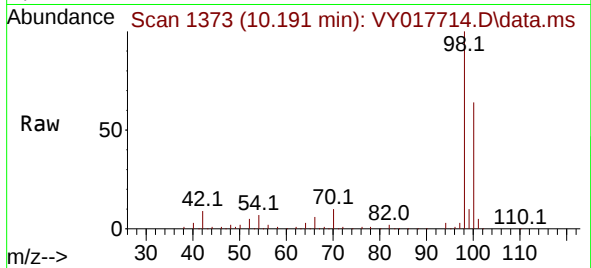




#50
Toluene-d8
Concen: 46.780 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

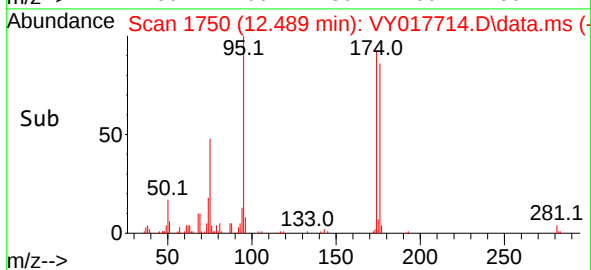
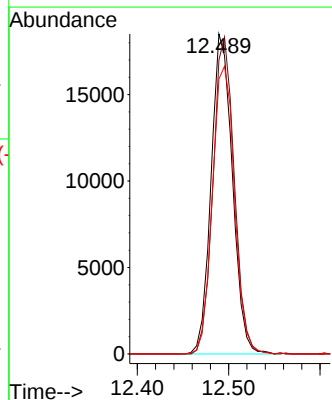
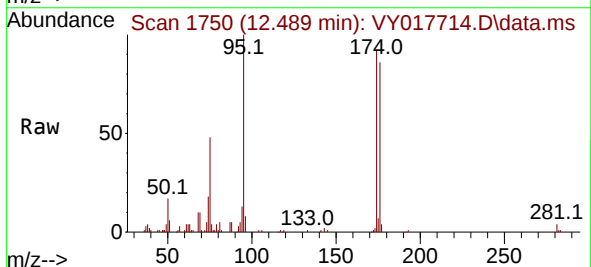
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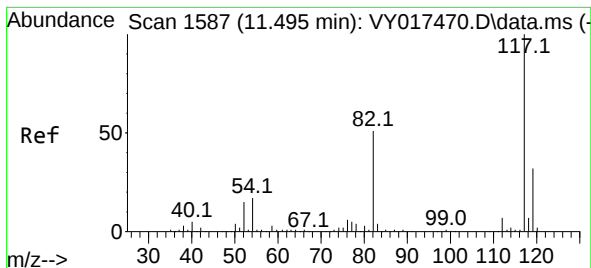
Tgt Ion: 98 Resp: 118454
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 37.592 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017714.D
Acq: 19 Mar 2024 18:07

Tgt Ion: 95 Resp: 29915
Ion Ratio Lower Upper
95 100
174 98.9 0.0 175.6
176 93.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-03192024-B

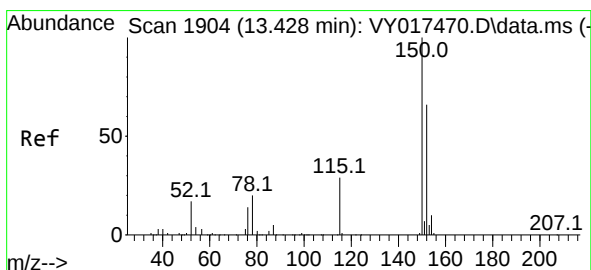
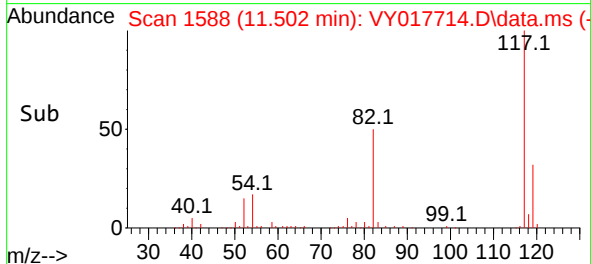
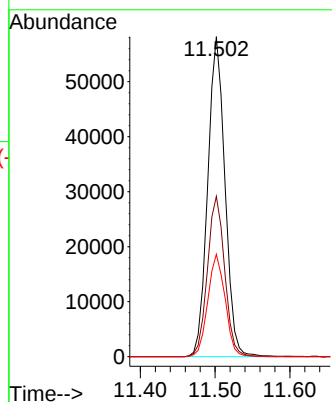
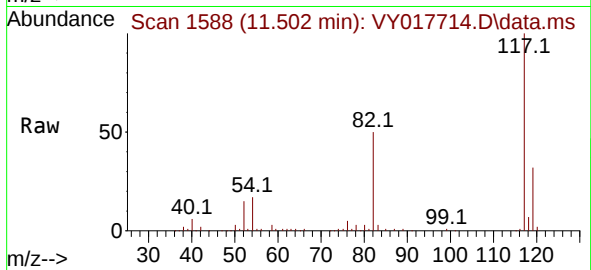
Tgt Ion:117 Resp: 93072

Ion Ratio Lower Upper

117 100

82 50.1 42.4 63.6

119 32.0 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.012 min

Lab File: VY017714.D

Acq: 19 Mar 2024 18:07

Tgt Ion:152 Resp: 34232

Ion Ratio Lower Upper

152 100

115 54.0 28.2 84.7

150 155.8 0.0 345.6

