

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017023.D
 Acq On : 17 Jan 2024 20:02
 Operator : SY/MD
 Sample : P1156-02
 Misc : 3.46g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-19.5-20.0

Quant Time: Jan 18 00:47:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.832	168	100765	50.000	ug/l	0.03
34) 1,4-Difluorobenzene	8.728	114	217734	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209115	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.452	152	79138	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	49371	49.573	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.140%
35) Dibromofluoromethane	7.758	113	51771	37.313	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.620%
50) Toluene-d8	10.209	98	192107	40.208	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.420%
62) 4-Bromofluorobenzene	12.508	95	61116	37.914	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.820%

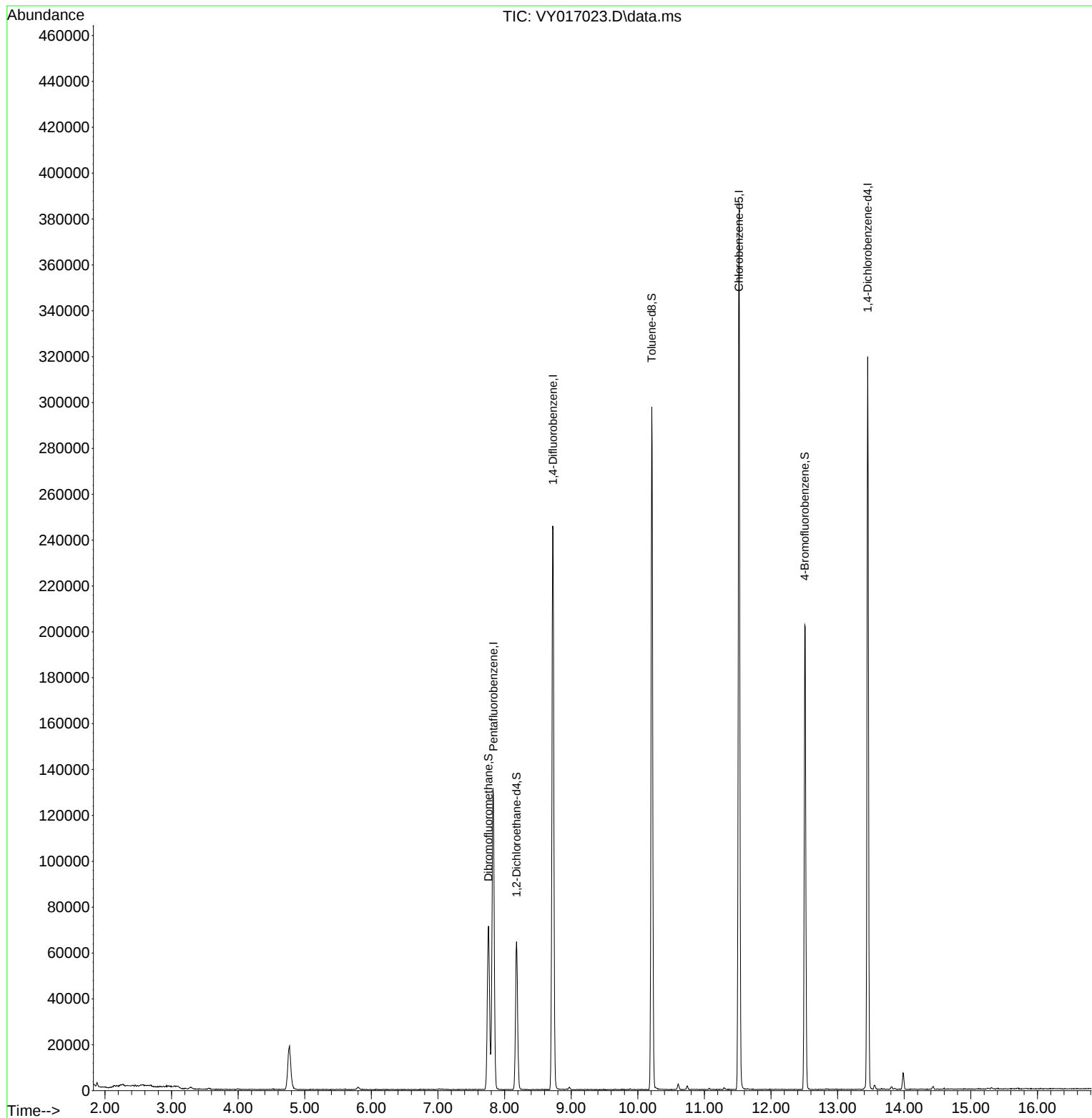
Target Compounds	Qvalue

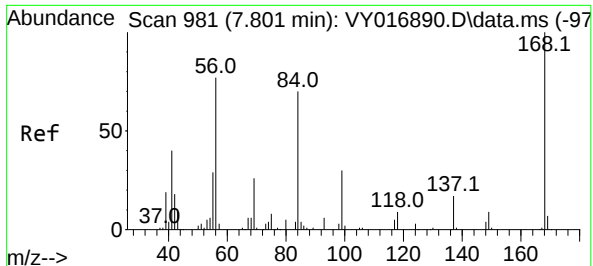
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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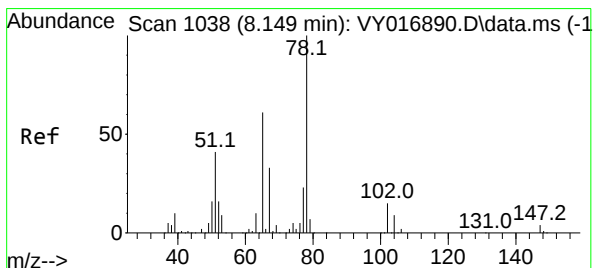
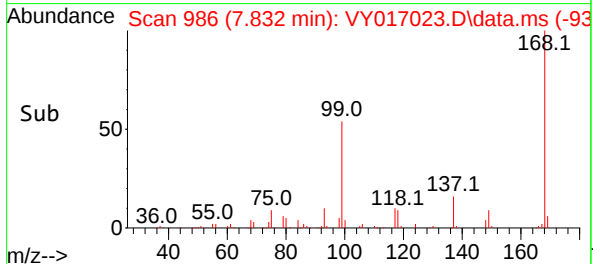
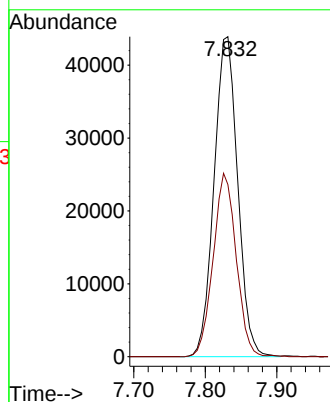
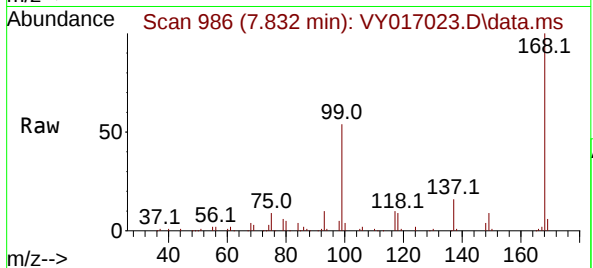




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.832 min Scan# 91
Delta R.T. 0.031 min
Lab File: VY017023.D
Acq: 17 Jan 2024 20:02

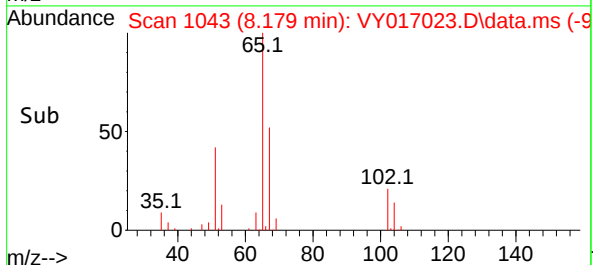
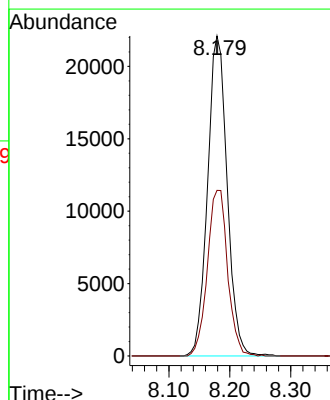
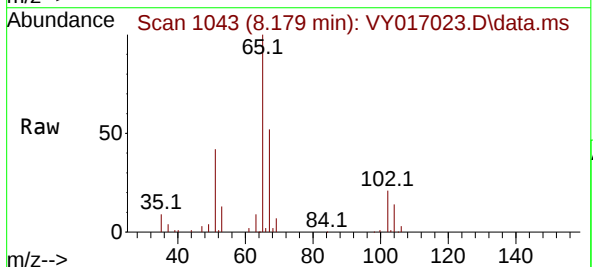
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-19.5-20.0

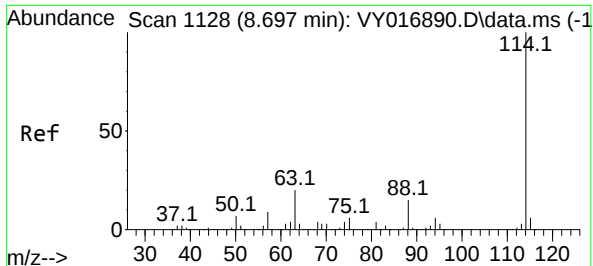
Tgt Ion:168 Resp: 100765
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.573 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017023.D
Acq: 17 Jan 2024 20:02

Tgt Ion: 65 Resp: 49371
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.728 min Scan# 1128

Delta R.T. 0.025 min

Lab File: VY017023.D

Acq: 17 Jan 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-19.5-20.0

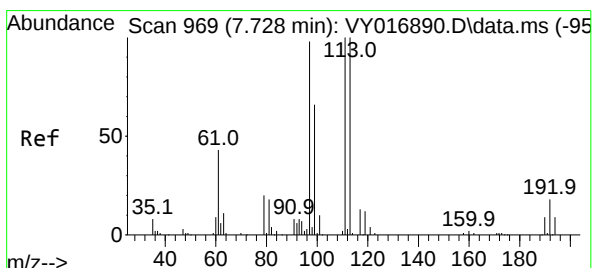
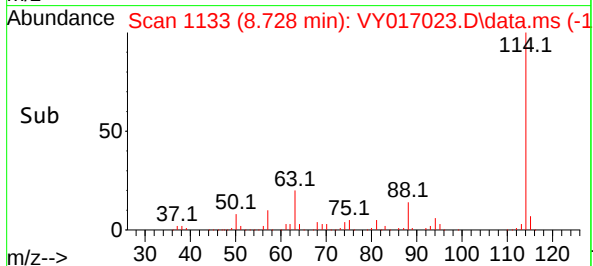
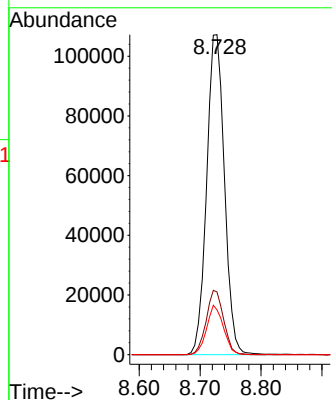
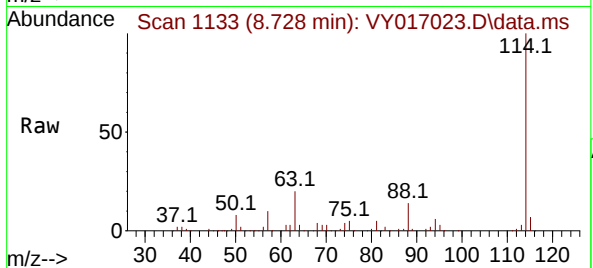
Tgt Ion:114 Resp: 217734

Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.4

88 14.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.313 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017023.D

Acq: 17 Jan 2024 20:02

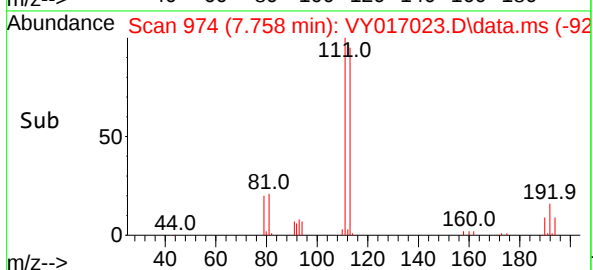
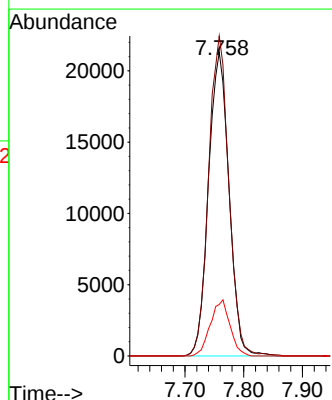
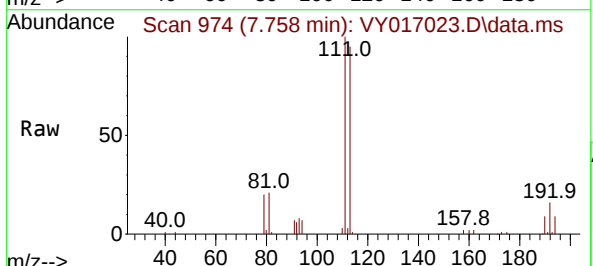
Tgt Ion:113 Resp: 51771

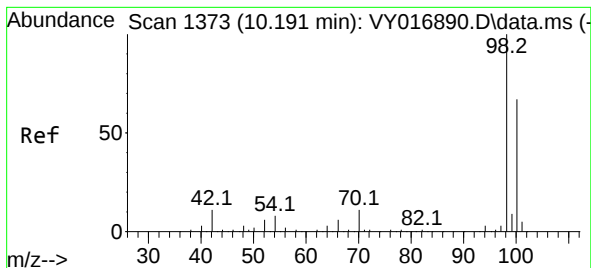
Ion Ratio Lower Upper

113 100

111 103.3 83.8 125.6

192 17.7 14.5 21.7





#50

Toluene-d8

Concen: 40.208 ug/l

RT: 10.209 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY017023.D

Acq: 17 Jan 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

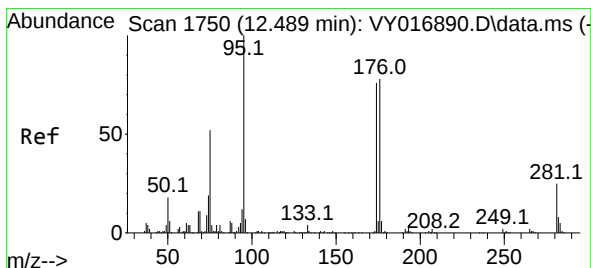
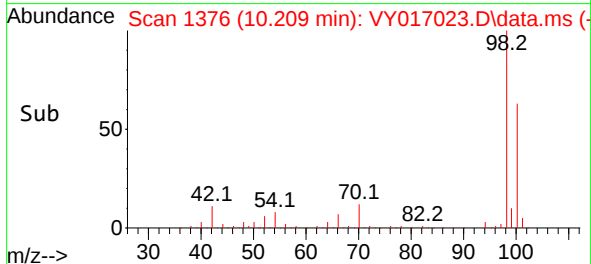
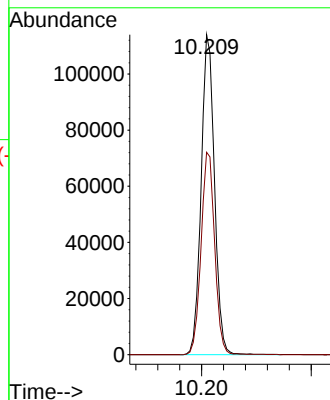
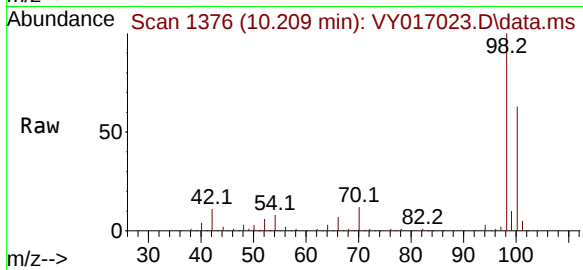
SB-09-19.5-20.0

Tgt Ion: 98 Resp: 192107

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.914 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.019 min

Lab File: VY017023.D

Acq: 17 Jan 2024 20:02

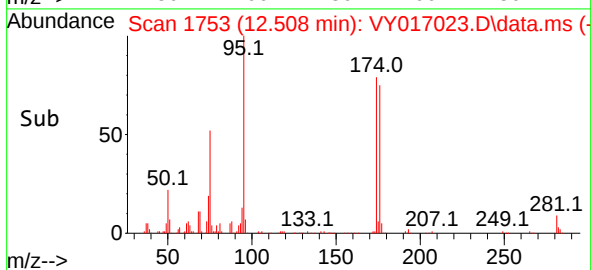
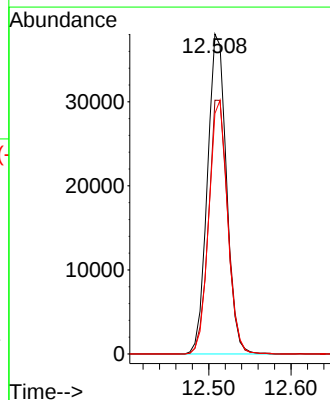
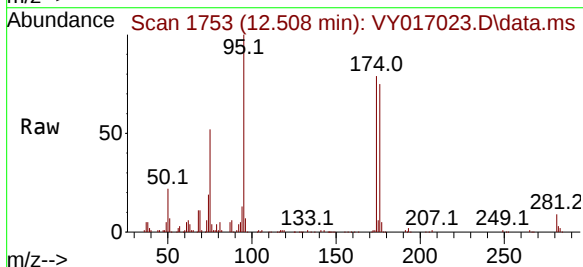
Tgt Ion: 95 Resp: 61116

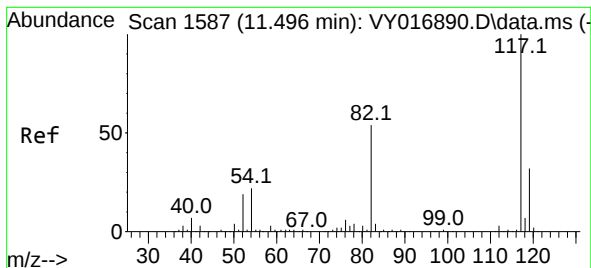
Ion Ratio Lower Upper

95 100

174 79.7 0.0 160.0

176 78.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY017023.D

Acq: 17 Jan 2024 20:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-19.5-20.0

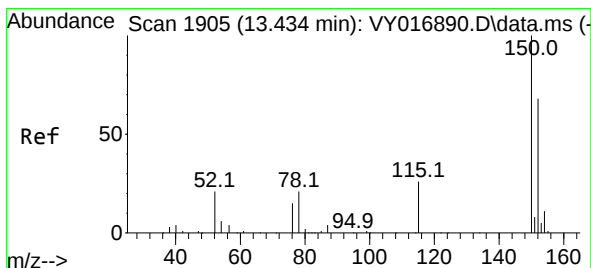
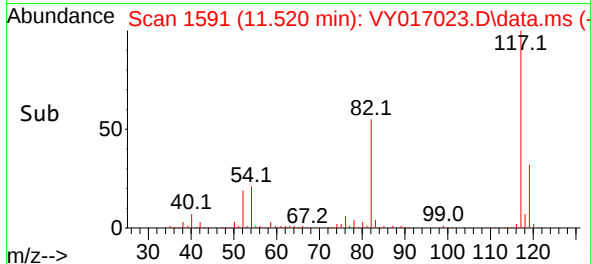
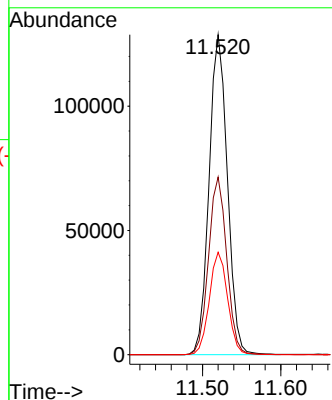
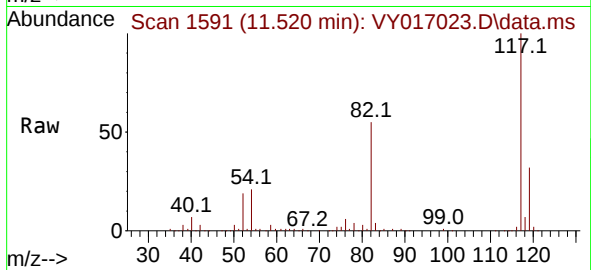
Tgt Ion:117 Resp: 209115

Ion Ratio Lower Upper

117 100

82 55.5 43.8 65.8

119 32.0 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.018 min

Lab File: VY017023.D

Acq: 17 Jan 2024 20:02

Tgt Ion:152 Resp: 79138

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 157.8 0.0 344.6

