

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017156.D
 Acq On : 31 Jan 2024 13:37
 Operator : SY/MD
 Sample : P1295-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-02-013024

Quant Time: Jan 31 22:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	44628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	94490	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	93880	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	33805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	23761	54.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.300%
35) Dibromofluoromethane	7.734	113	24459	42.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.780%
50) Toluene-d8	10.191	98	84686	39.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.640%
62) 4-Bromofluorobenzene	12.496	95	26655	40.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.340%

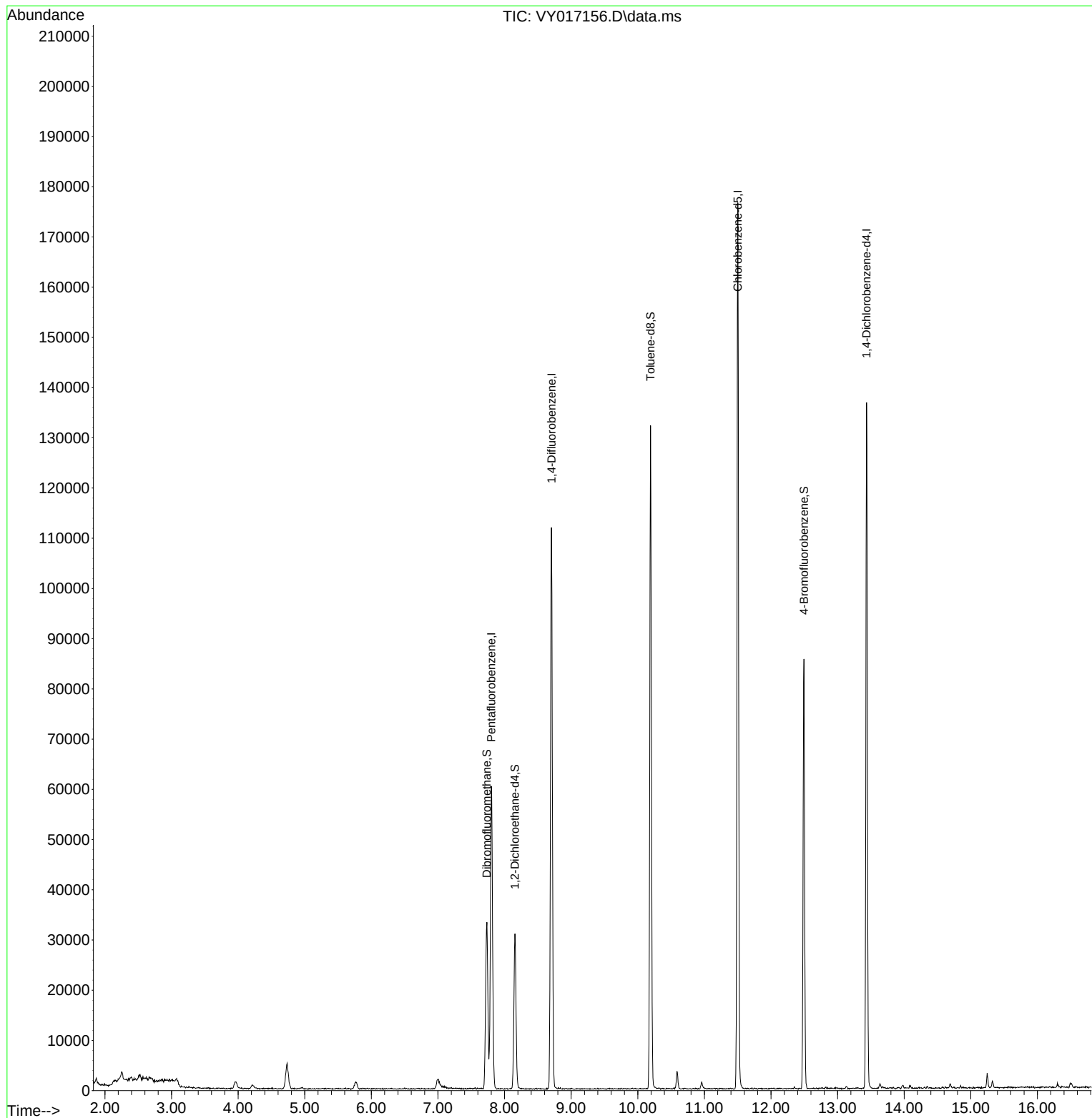
Target Compounds	Qvalue

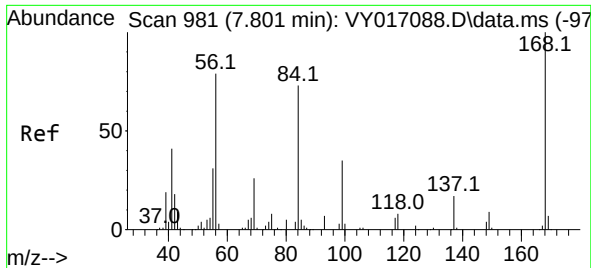
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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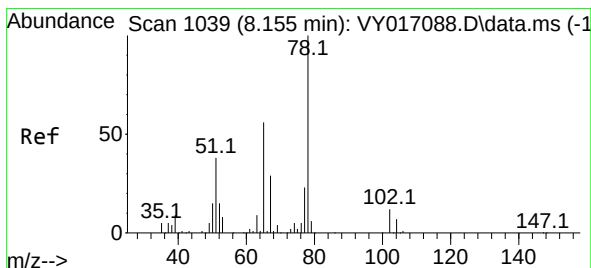
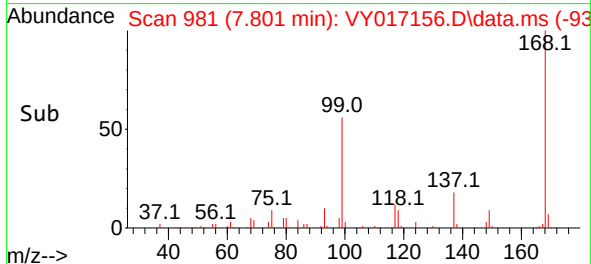
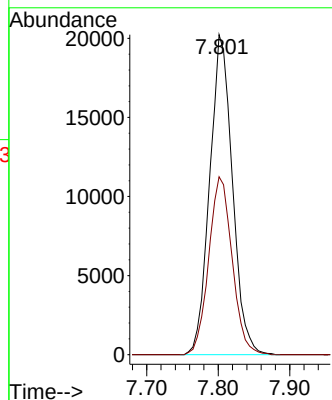
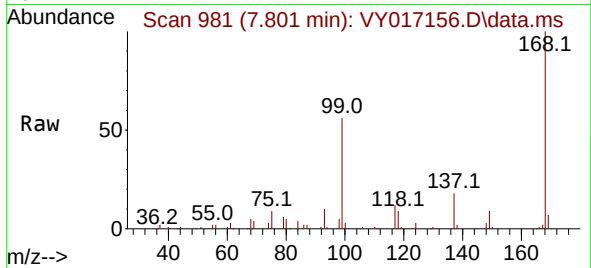




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

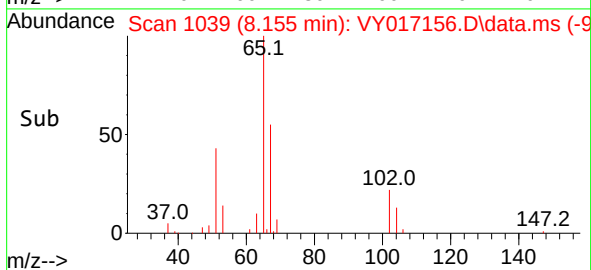
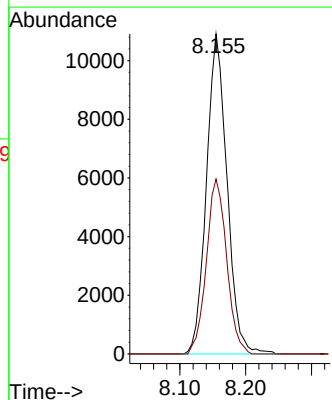
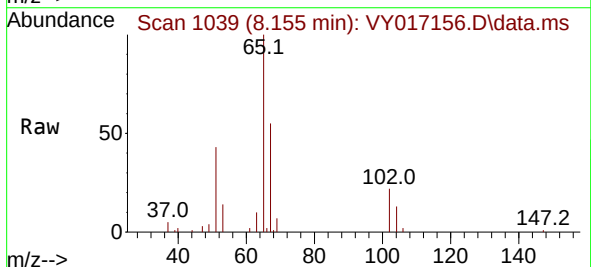
Instrument :
MSVOA_Y
ClientSampleId :
OK-02-013024

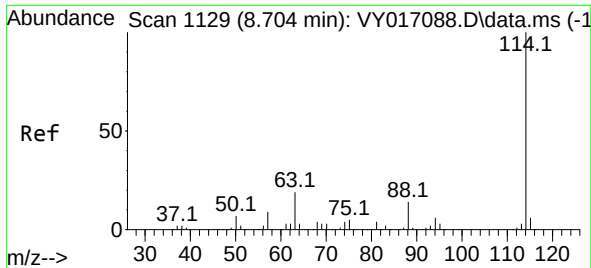
Tgt Ion:168 Resp: 44628
Ion Ratio Lower Upper
168 100
99 55.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.646 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017156.D
Acq: 31 Jan 2024 13:37

Tgt Ion: 65 Resp: 23761
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.001 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-013024

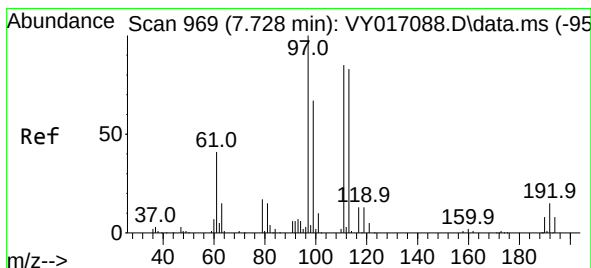
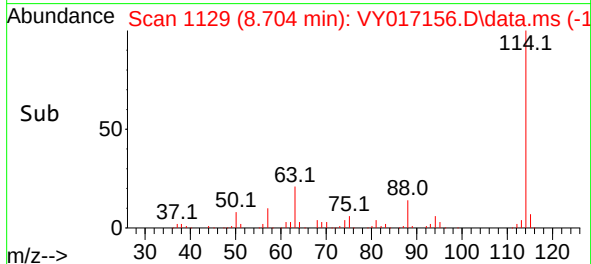
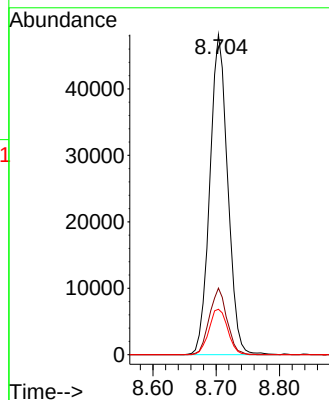
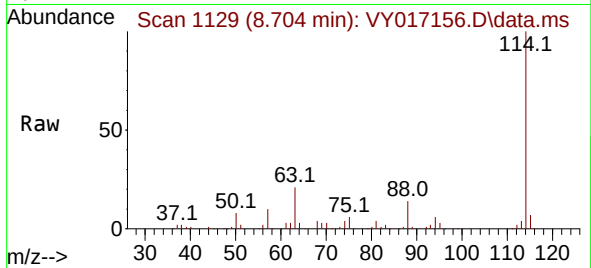
Tgt Ion:114 Resp: 94490

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 42.889 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

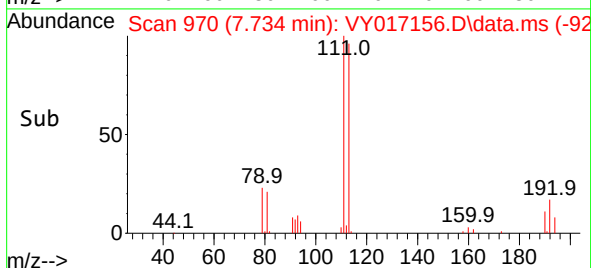
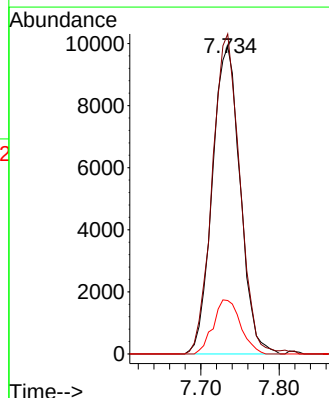
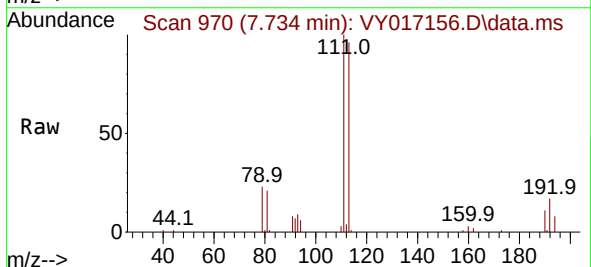
Tgt Ion:113 Resp: 24459

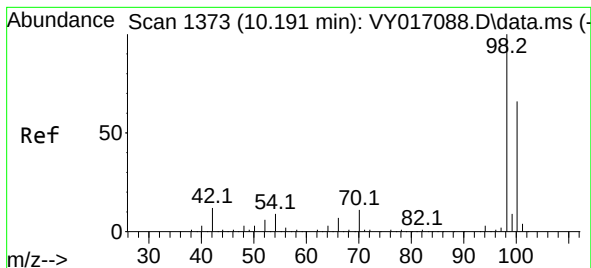
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.2 14.5 21.7





#50

Toluene-d8

Concen: 39.316 ug/l

RT: 10.191 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

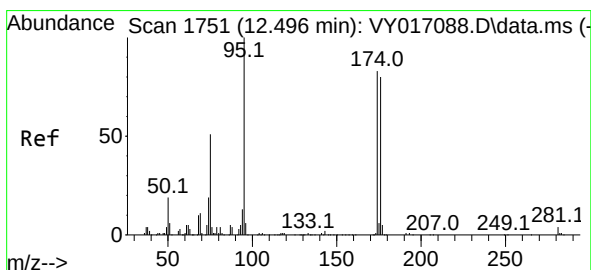
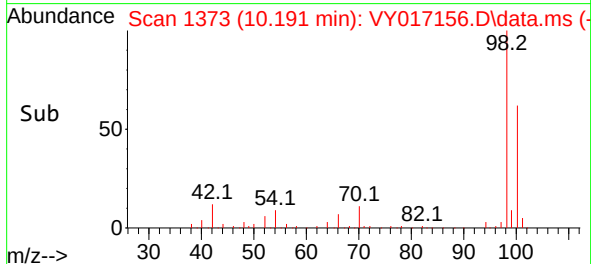
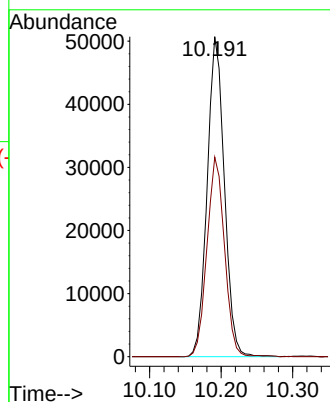
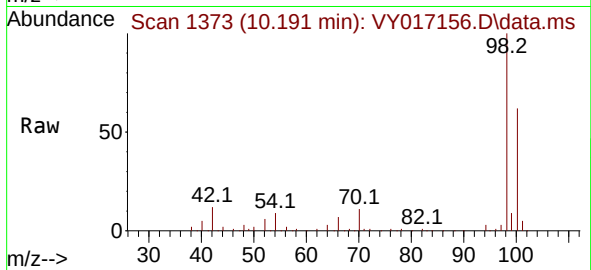
OK-02-013024

Tgt Ion: 98 Resp: 84686

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 40.170 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

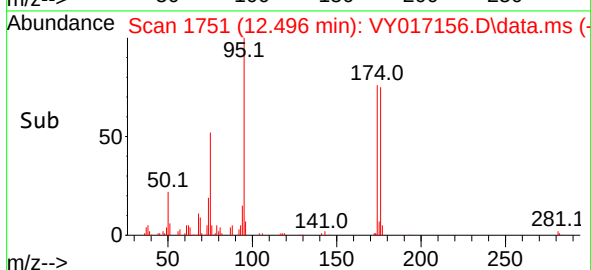
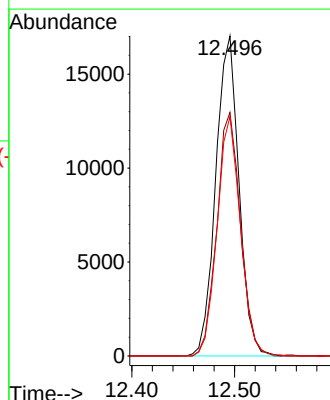
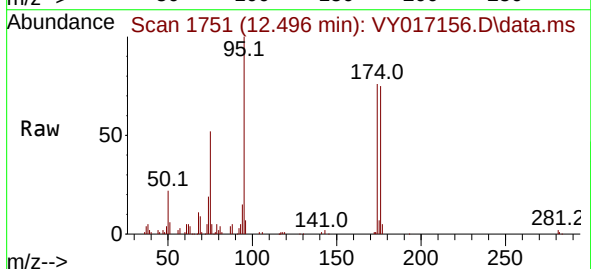
Tgt Ion: 95 Resp: 26655

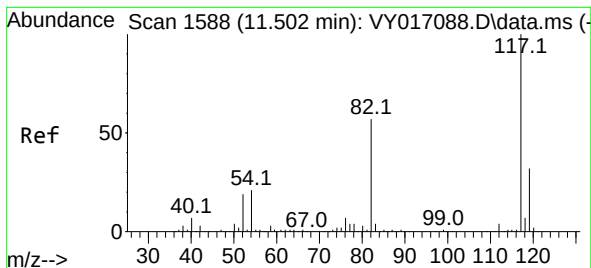
Ion Ratio Lower Upper

95 100

174 77.4 0.0 160.0

176 74.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

Instrument :

MSVOA_Y

ClientSampleId :

OK-02-013024

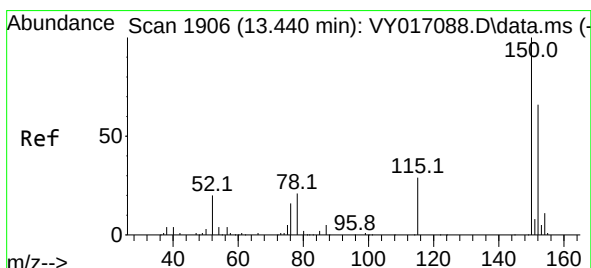
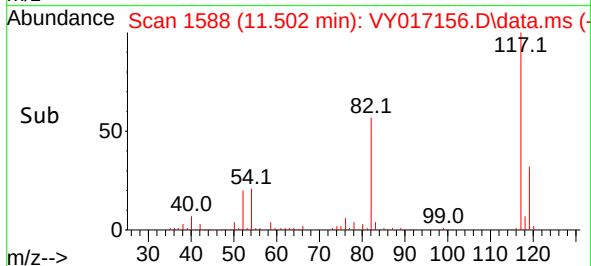
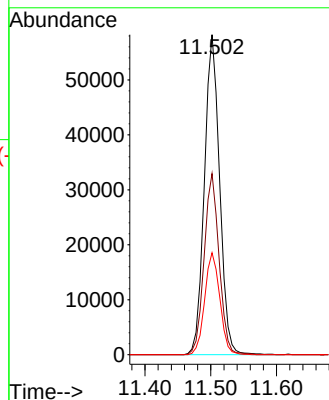
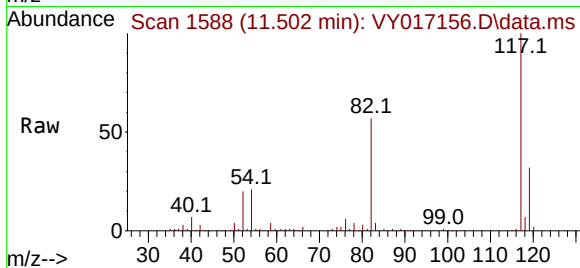
Tgt Ion:117 Resp: 93880

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 31.9 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017156.D

Acq: 31 Jan 2024 13:37

Tgt Ion:152 Resp: 33805

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 159.6 0.0 344.6

