

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017154.D
 Acq On : 31 Jan 2024 12:51
 Operator : SY/MD
 Sample : P1297-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-013024

Quant Time: Jan 31 22:58:06 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	7.813	168	82290	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	177900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	169328	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	60800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	39163	48.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.740	113	41405	38.563	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.120%
50) Toluene-d8	10.197	98	157160	38.753	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.500%
62) 4-Bromofluorobenzene	12.495	95	49060	39.270	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.540%

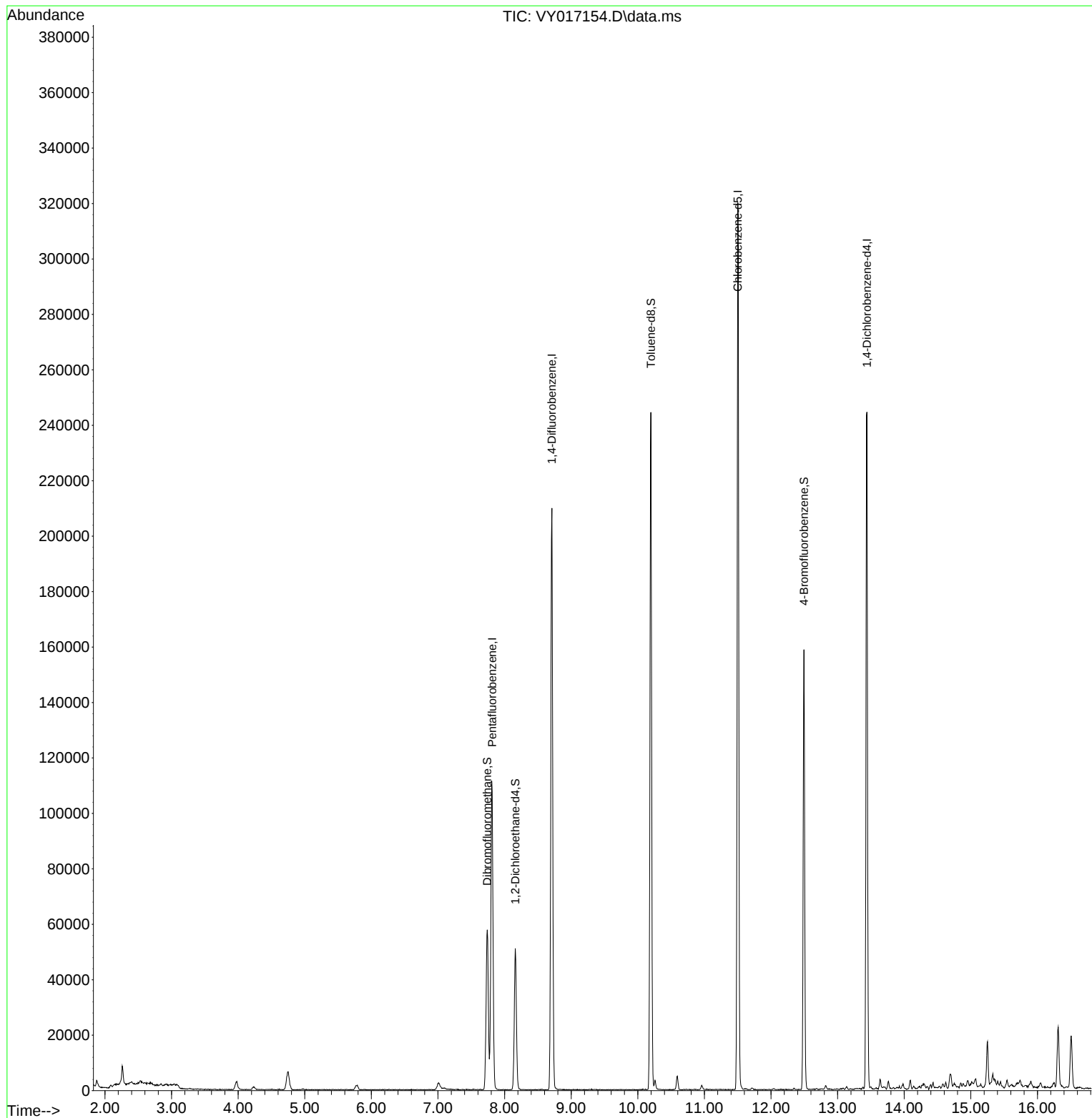
Target Compounds	Qvalue

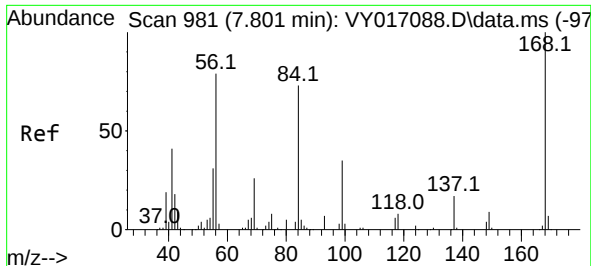
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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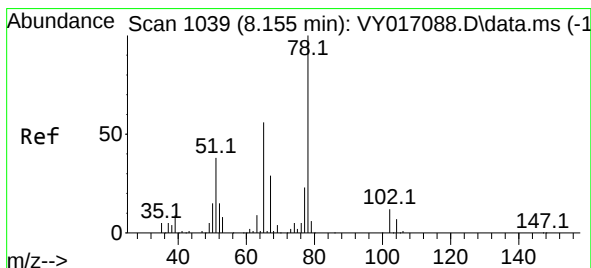
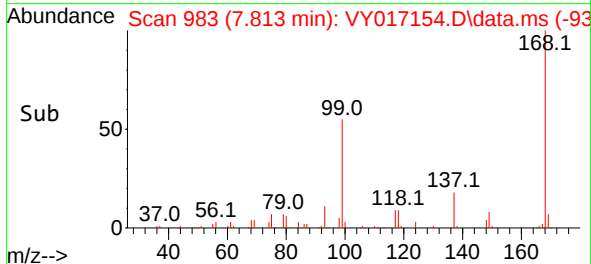
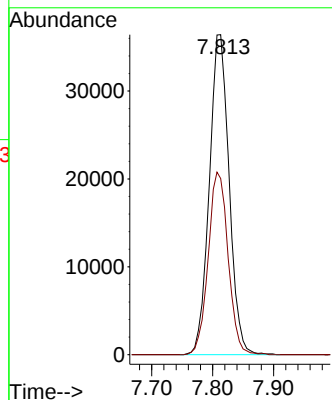
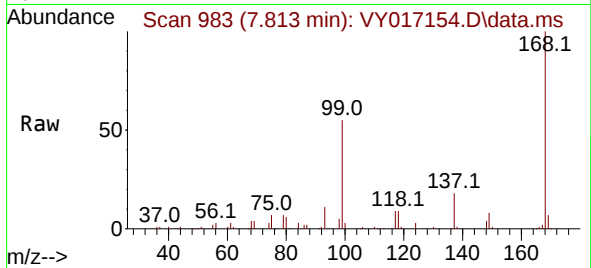




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

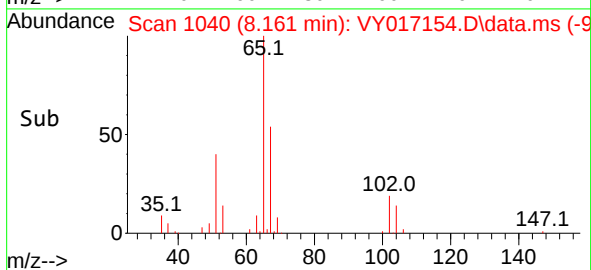
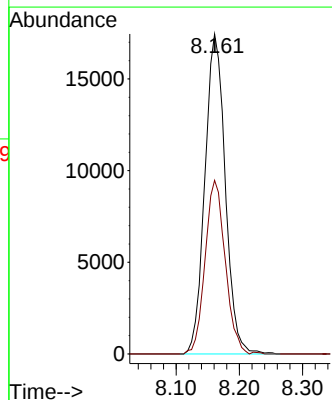
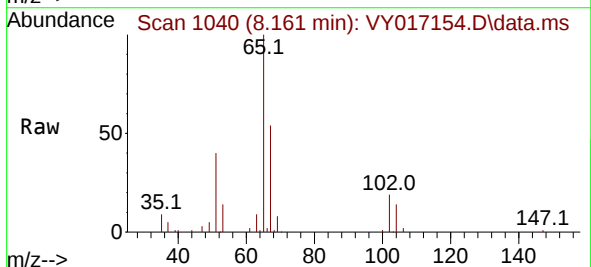
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

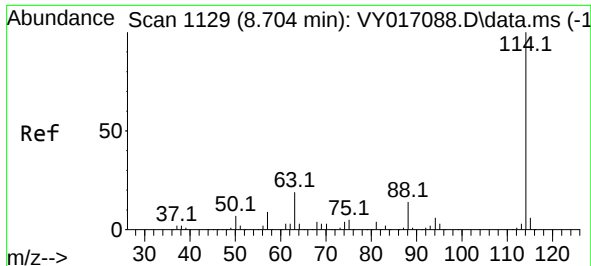
Tgt Ion:168 Resp: 82290
Ion Ratio Lower Upper
168 100
99 55.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 48.846 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion: 65 Resp: 39163
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-013024

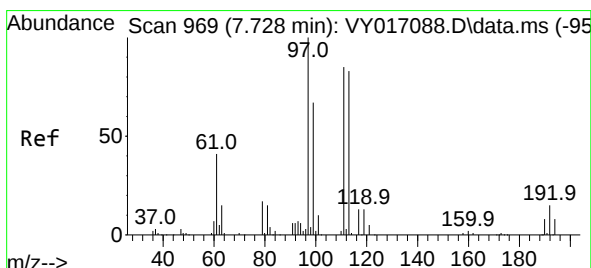
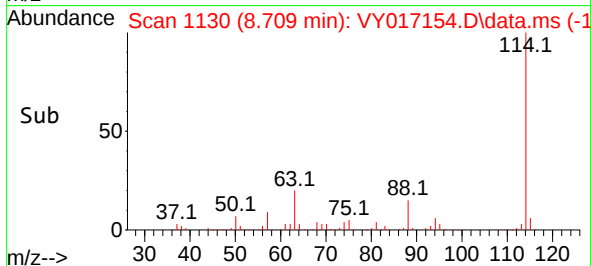
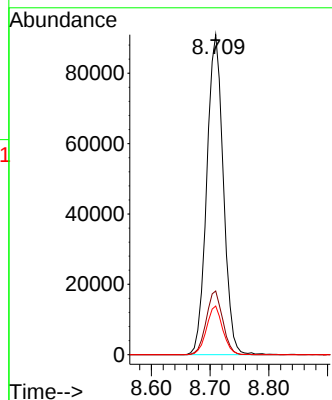
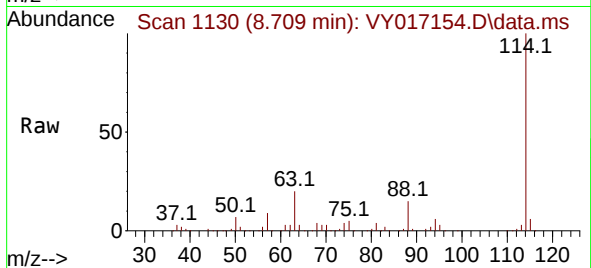
Tgt Ion:114 Resp: 177900

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.563 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

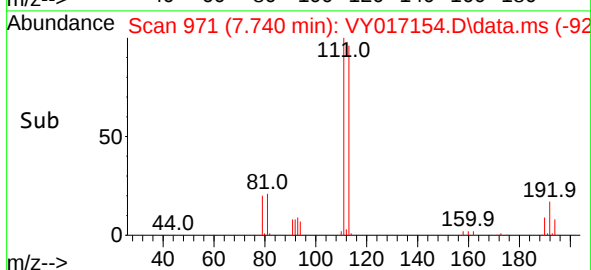
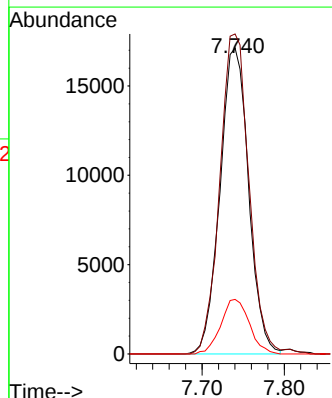
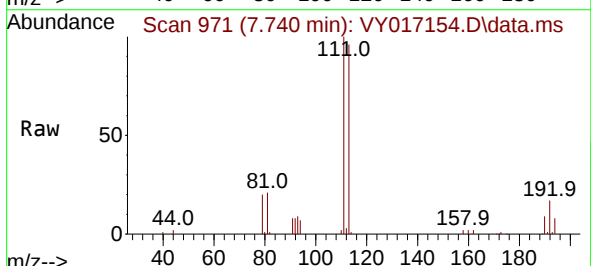
Tgt Ion:113 Resp: 41405

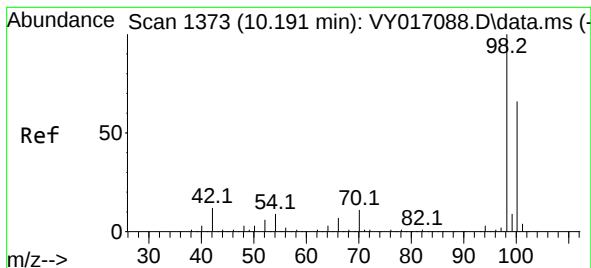
Ion Ratio Lower Upper

113 100

111 106.5 83.8 125.6

192 17.8 14.5 21.7





#50

Toluene-d8

Concen: 38.753 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

Instrument :

MSVOA_Y

ClientSampleId :

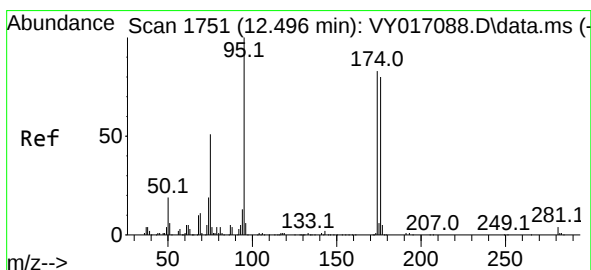
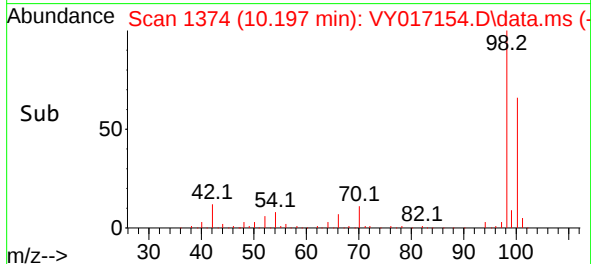
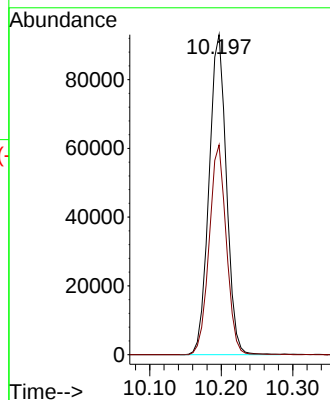
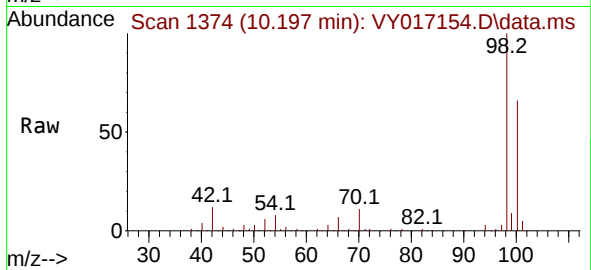
TR-05-013024

Tgt Ion: 98 Resp: 157160

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 39.270 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017154.D

Acq: 31 Jan 2024 12:51

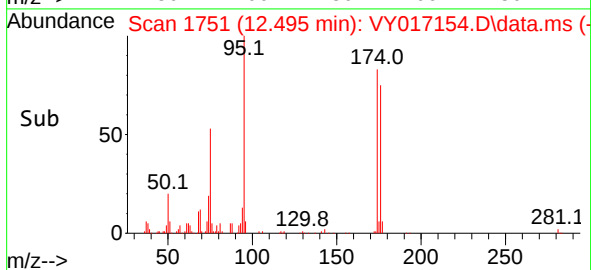
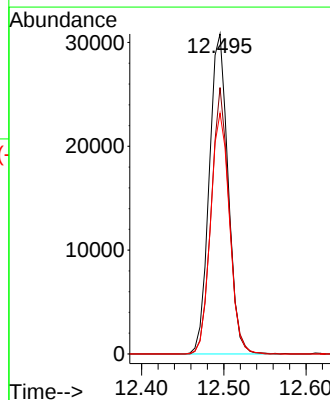
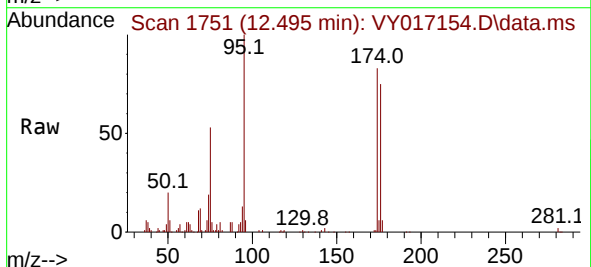
Tgt Ion: 95 Resp: 49060

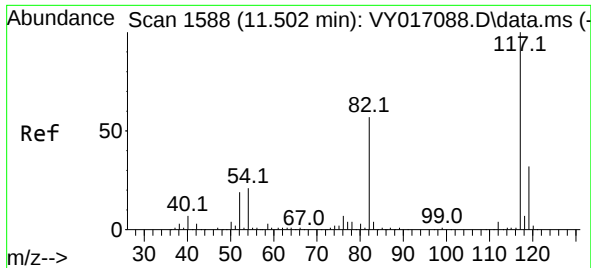
Ion Ratio Lower Upper

95 100

174 79.0 0.0 160.0

176 75.9 0.0 151.8

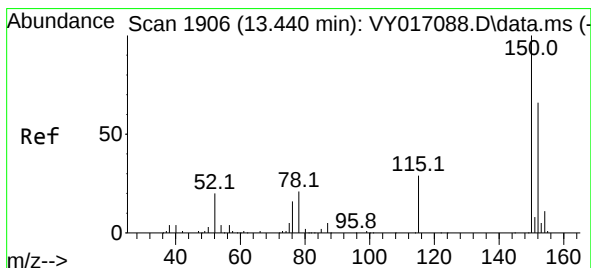
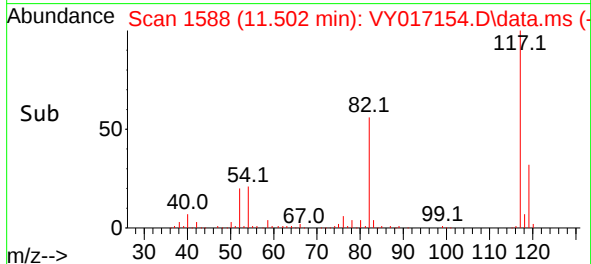
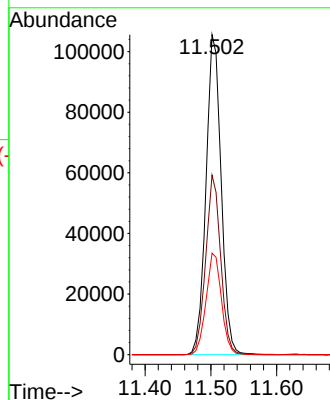
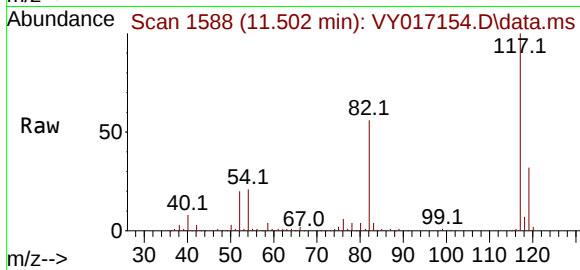




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-013024

Tgt Ion:117 Resp: 169328
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY017154.D
Acq: 31 Jan 2024 12:51

Tgt Ion:152 Resp: 60800
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 161.9 0.0 344.6

