

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017161.D
 Acq On : 31 Jan 2024 16:51
 Operator : SY/MD
 Sample : P1311-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Jan 31 23:00:27 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	80996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	178978	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	179932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	67496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	42101	53.350	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.700%
35) Dibromofluoromethane	7.728	113	44948	41.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.220%
50) Toluene-d8	10.191	98	159599	39.118	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.240%
62) 4-Bromofluorobenzene	12.489	95	51582	41.040	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.080%

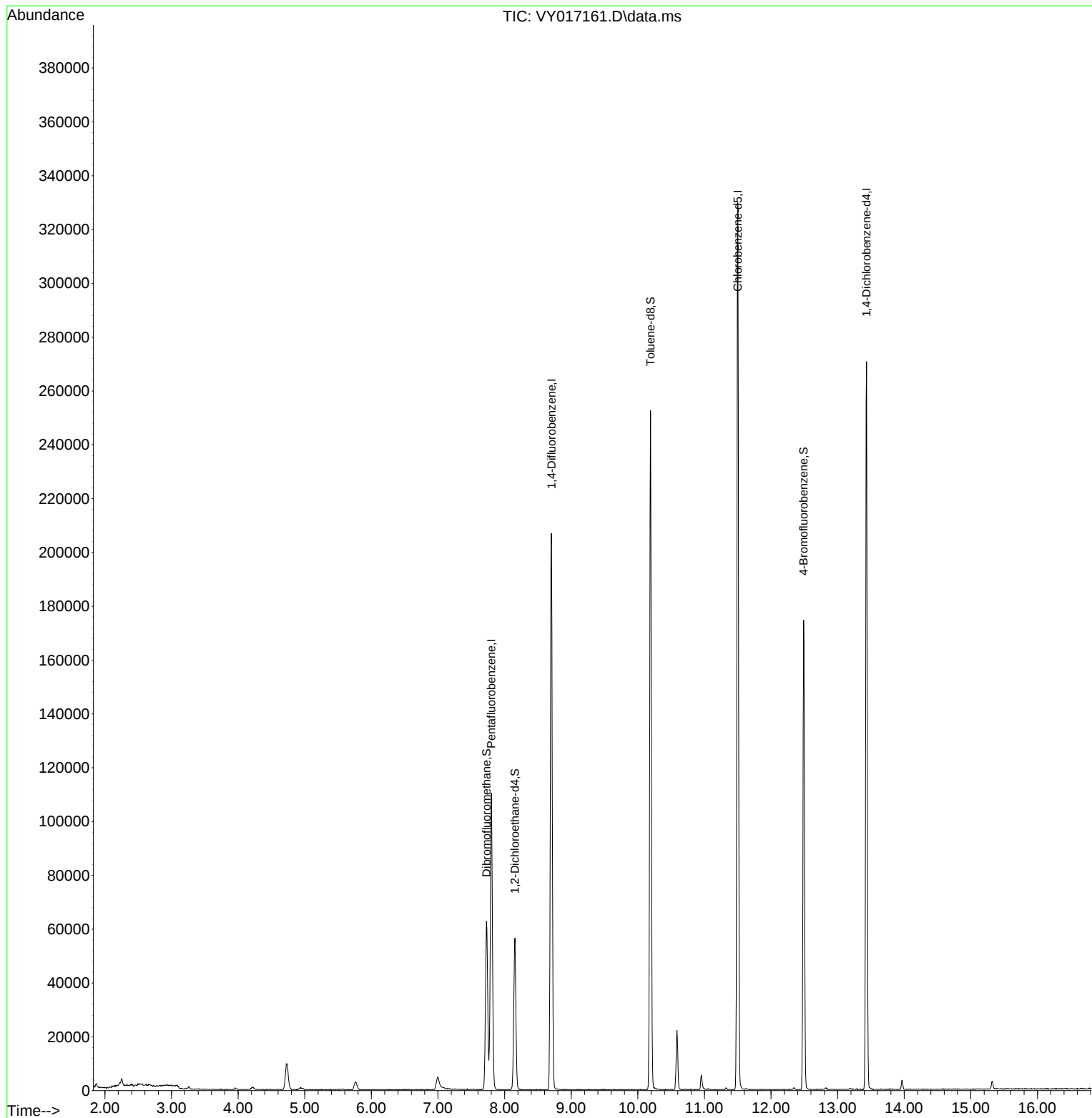
Target Compounds	Qvalue

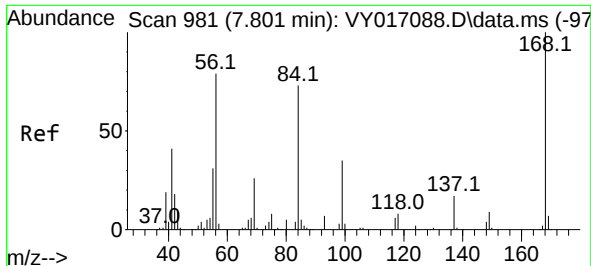
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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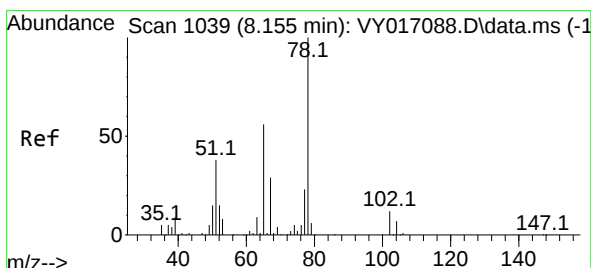
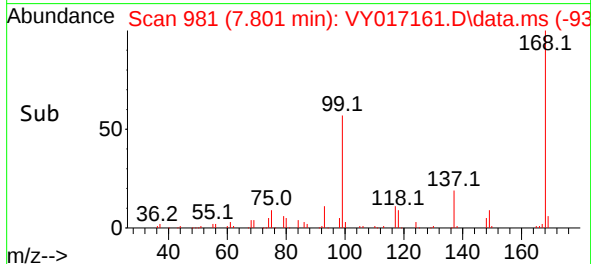
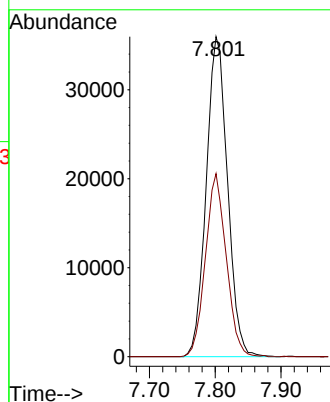
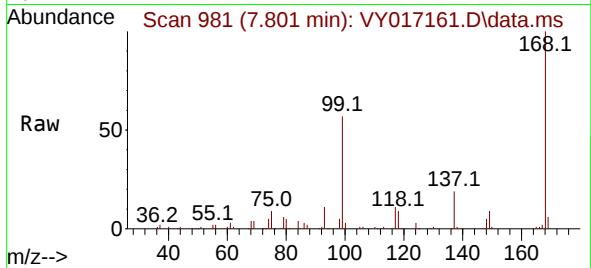




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

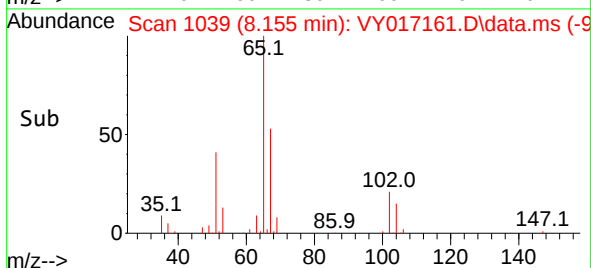
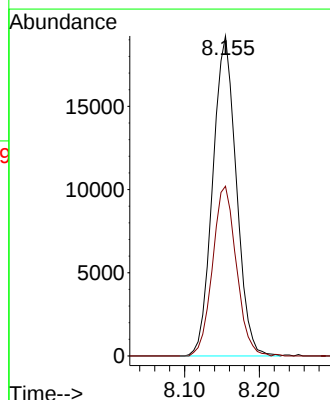
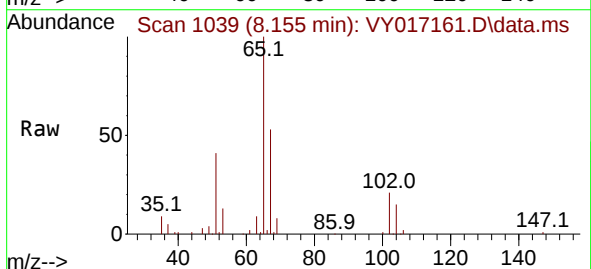
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

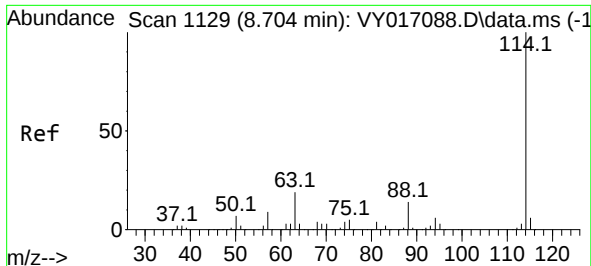
Tgt Ion:168 Resp: 80996
Ion Ratio Lower Upper
168 100
99 57.2 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 53.350 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion: 65 Resp: 42101
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

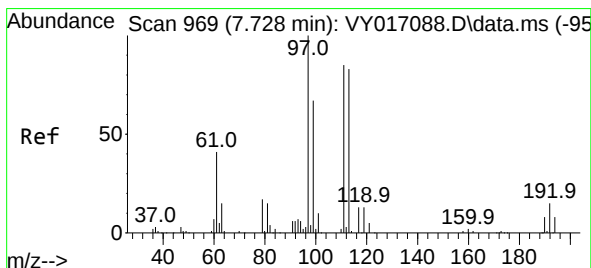
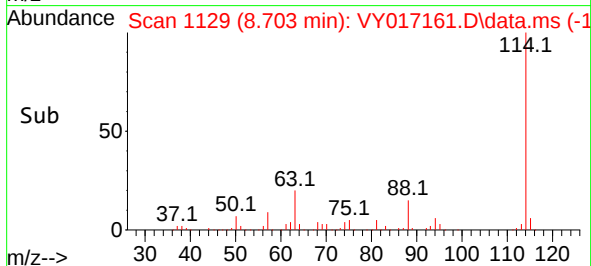
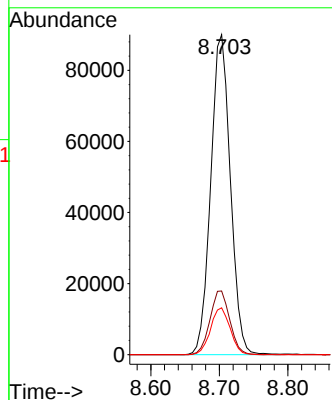
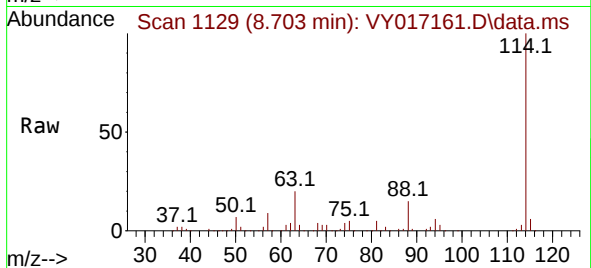
Tgt Ion:114 Resp: 178978

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 41.610 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

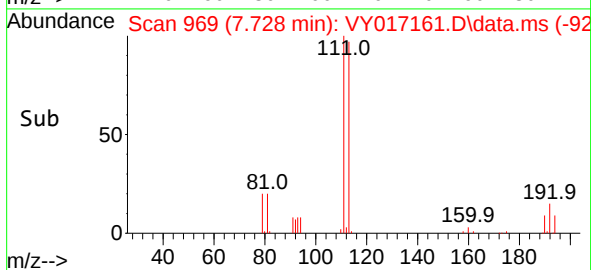
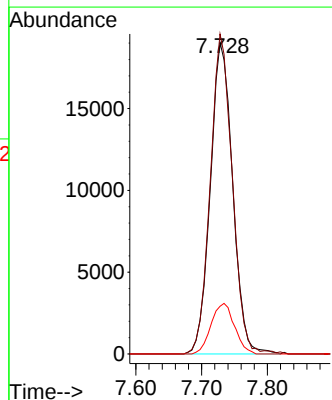
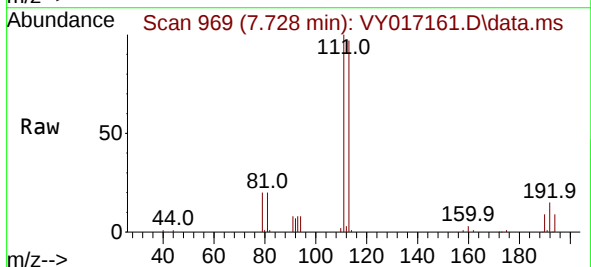
Tgt Ion:113 Resp: 44948

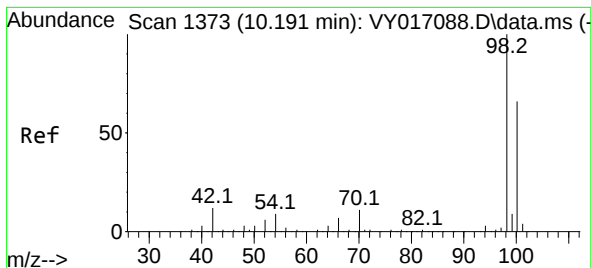
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.0 14.5 21.7





#50

Toluene-d8

Concen: 39.118 ug/l

RT: 10.191 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

Instrument :

MSVOA_Y

ClientSampleId :

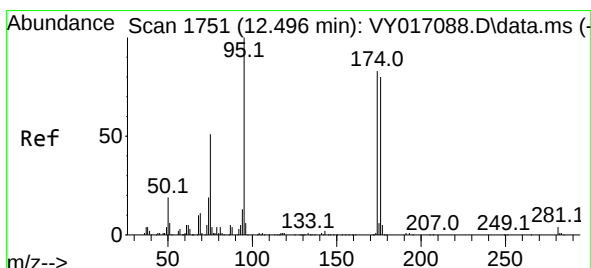
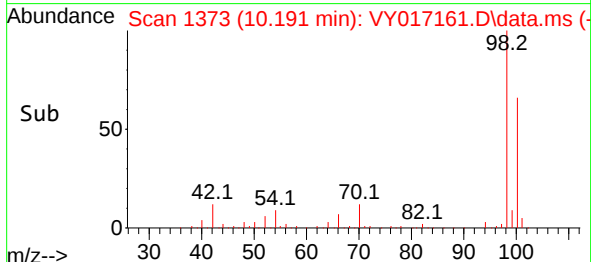
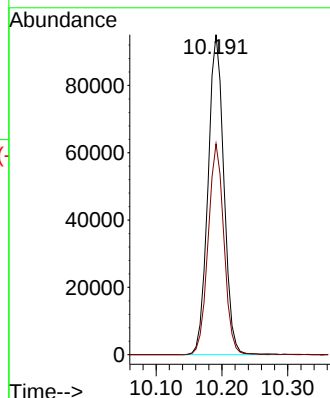
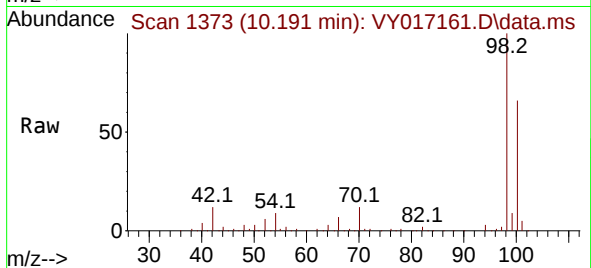
TP-2

Tgt Ion: 98 Resp: 159599

Ion Ratio Lower Upper

98 100

100 65.5 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 41.040 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017161.D

Acq: 31 Jan 2024 16:51

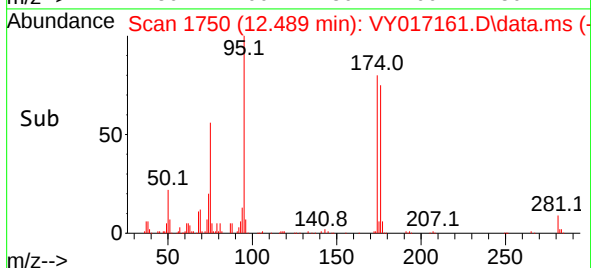
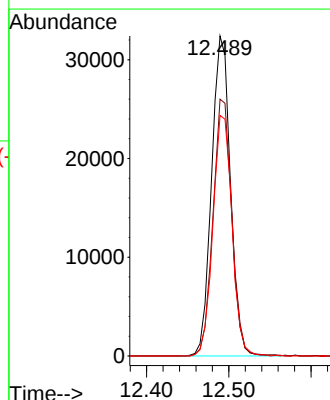
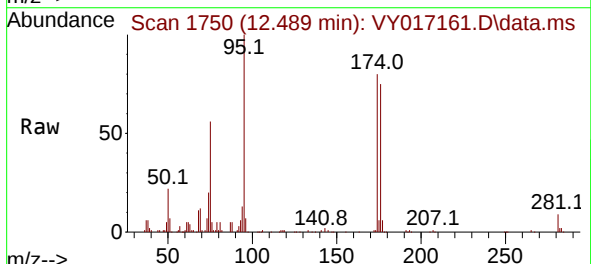
Tgt Ion: 95 Resp: 51582

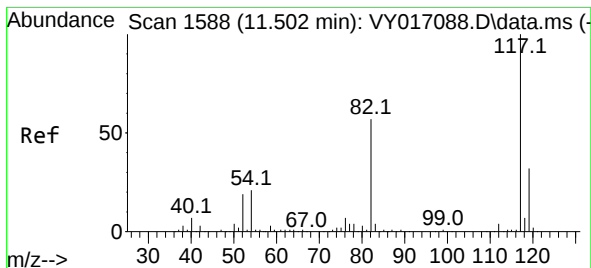
Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.0

176 76.2 0.0 151.8

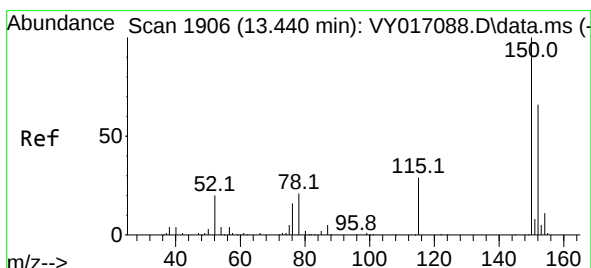
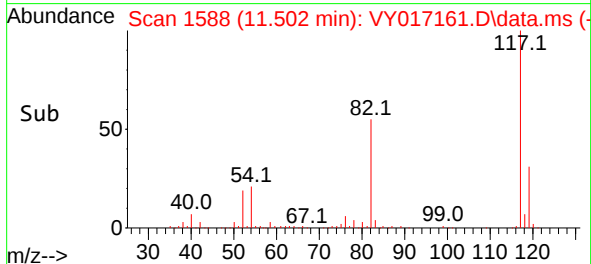
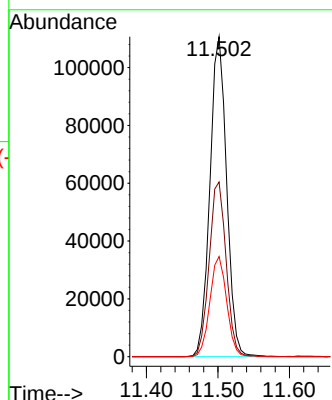
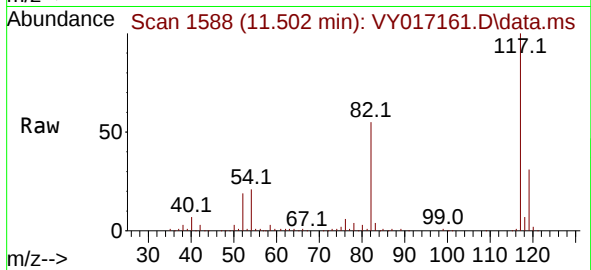




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY017161.D
Acq: 31 Jan 2024 16:51

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 179932
Ion Ratio Lower Upper
117 100
82 54.6 43.8 65.8
119 31.3 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: VY017161.D
Acq: 31 Jan 2024 16:51

Tgt Ion:152 Resp: 67496
Ion Ratio Lower Upper
152 100
115 59.3 30.0 90.0
150 157.5 0.0 344.6

