

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017151.D
 Acq On : 31 Jan 2024 11:13
 Operator : SY/MD
 Sample : VY0131SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL01

Quant Time: Jan 31 22:56:14 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	7.807	168	81624	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	178814	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	41938	52.734	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.460%
35) Dibromofluoromethane	7.740	113	43322	40.142	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.280%
50) Toluene-d8	10.197	98	158285	38.831	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	77.660%
62) 4-Bromofluorobenzene	12.495	95	52572	41.866	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.740%

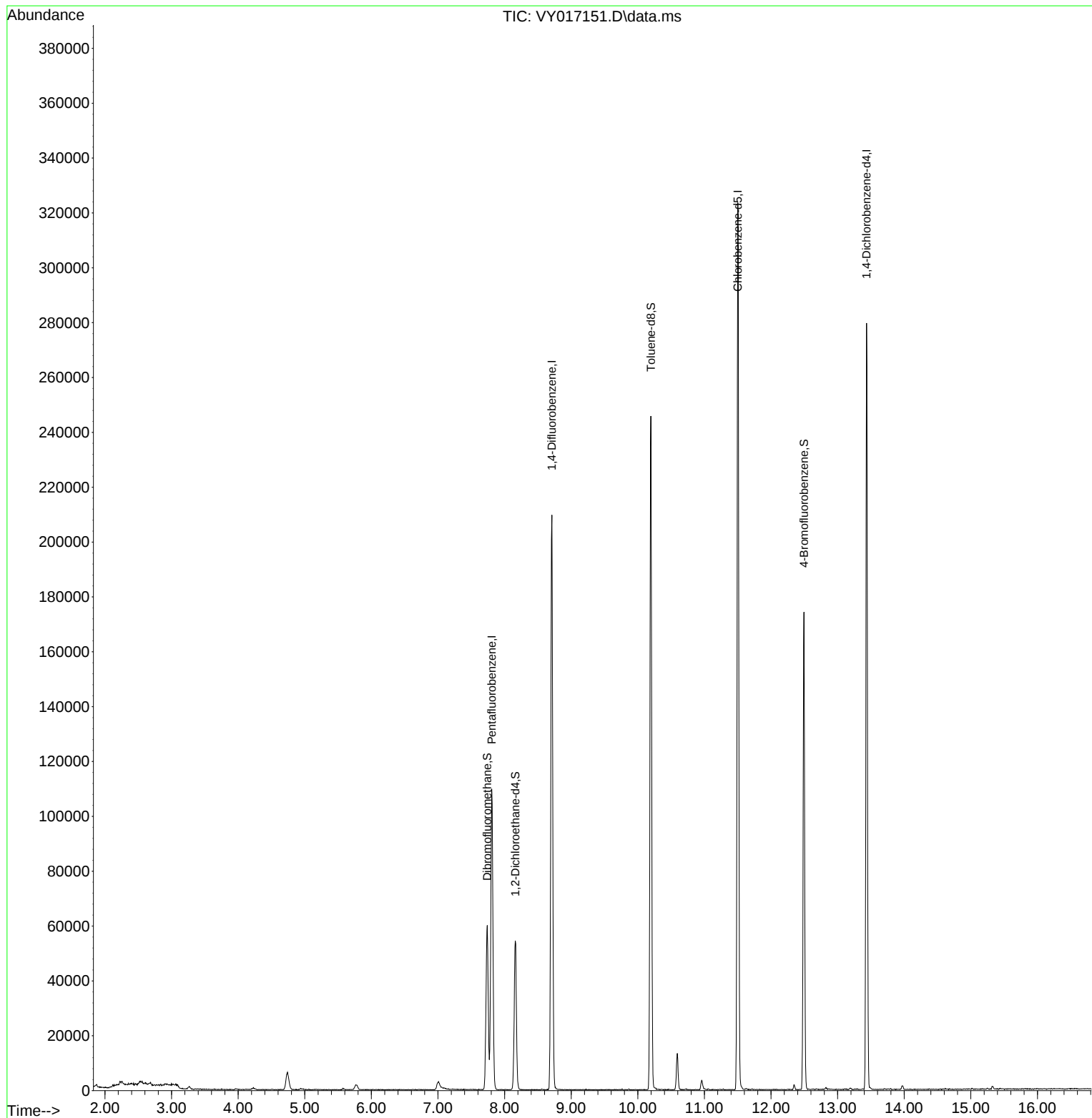
Target Compounds	Qvalue

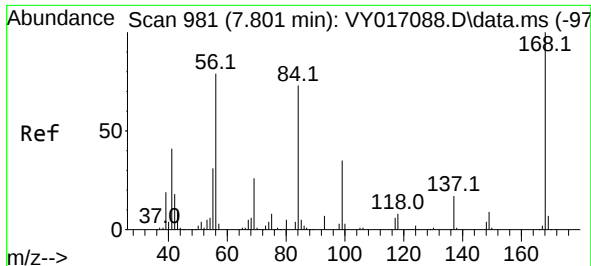
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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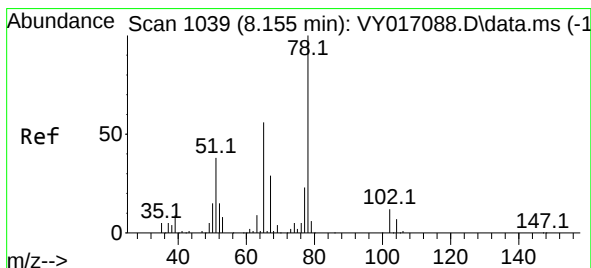
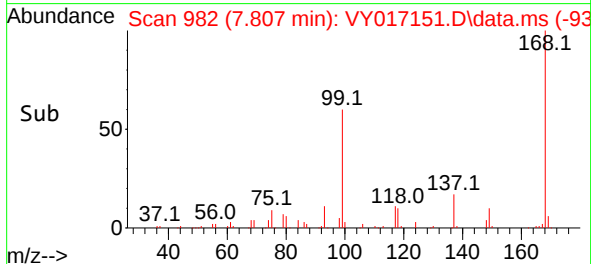
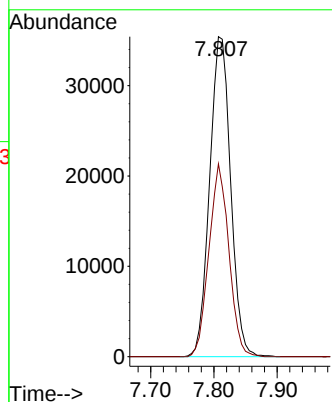
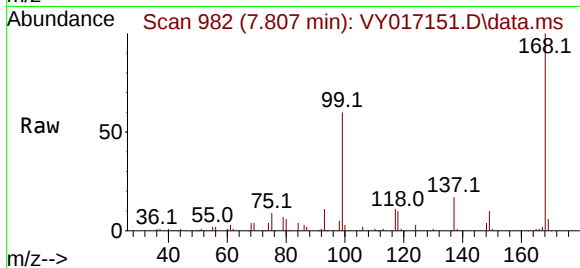




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

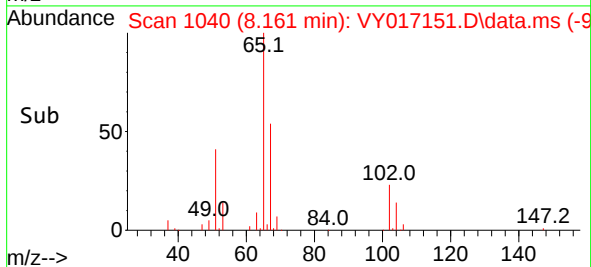
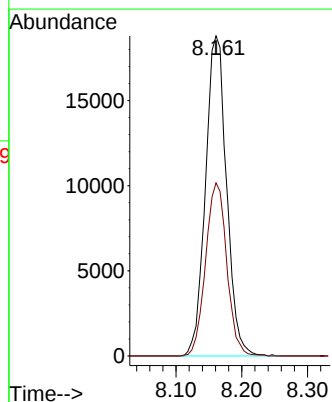
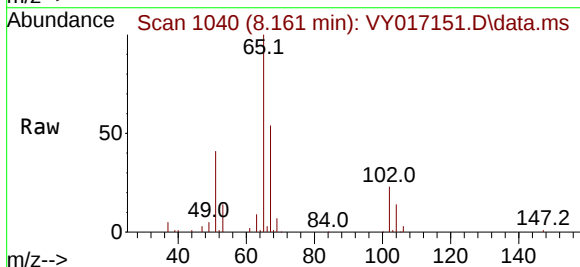
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

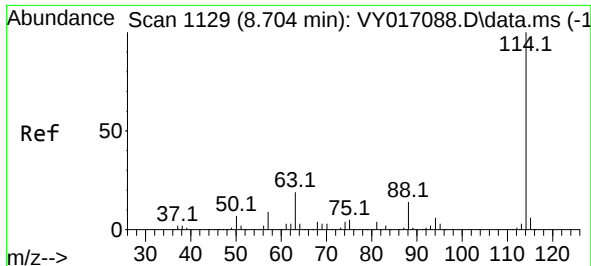
Tgt Ion:168 Resp: 81624
Ion Ratio Lower Upper
168 100
99 60.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.734 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion: 65 Resp: 41938
Ion Ratio Lower Upper
65 100
67 54.3 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: VY017151.D

Acq: 31 Jan 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL01

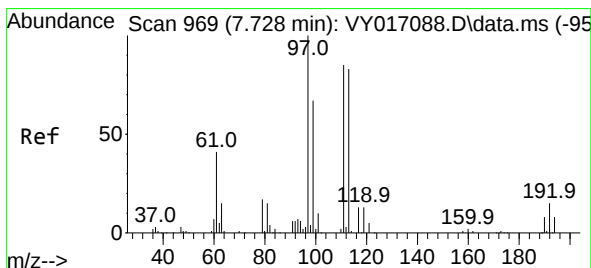
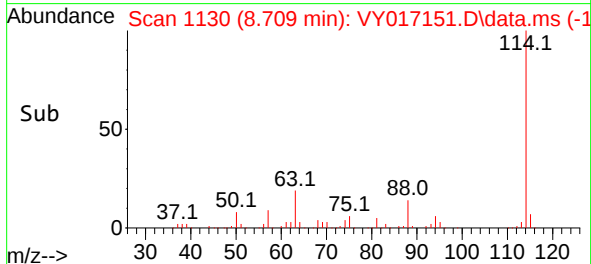
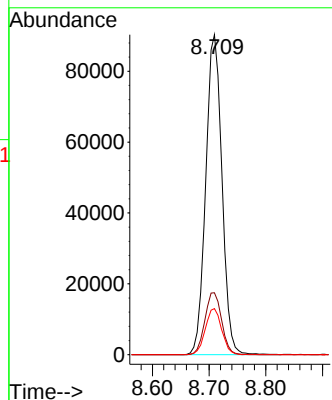
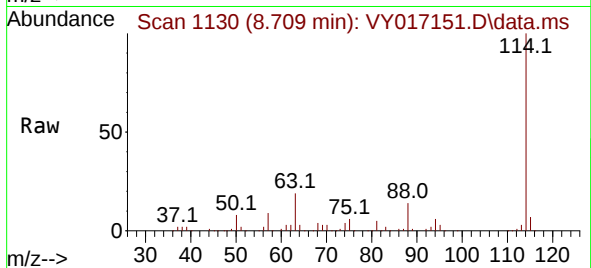
Tgt Ion:114 Resp: 178814

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.142 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

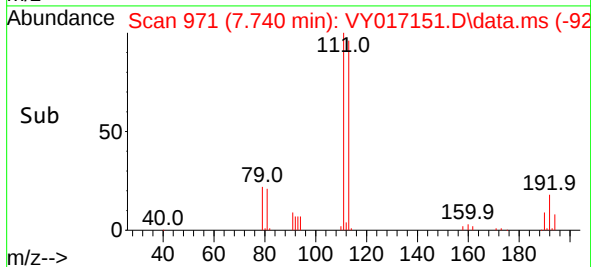
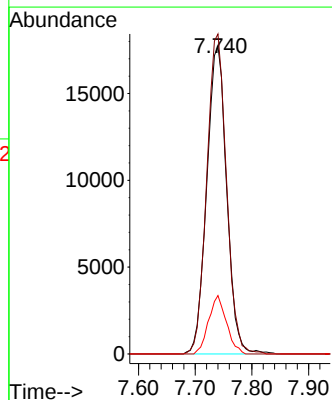
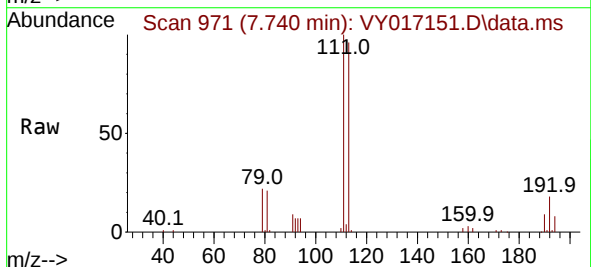
Tgt Ion:113 Resp: 43322

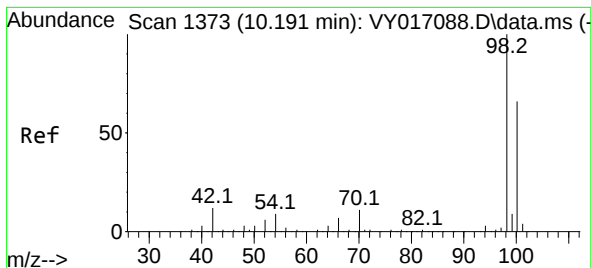
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 17.0 14.5 21.7





#50

Toluene-d8

Concen: 38.831 ug/l

RT: 10.197 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

Instrument :

MSVOA_Y

ClientSampleId :

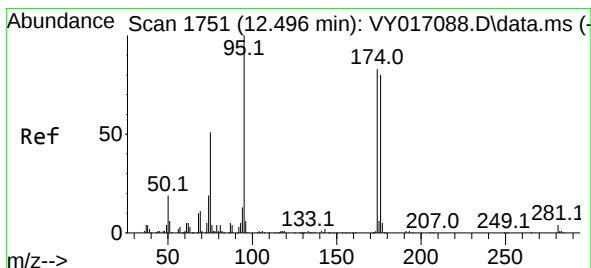
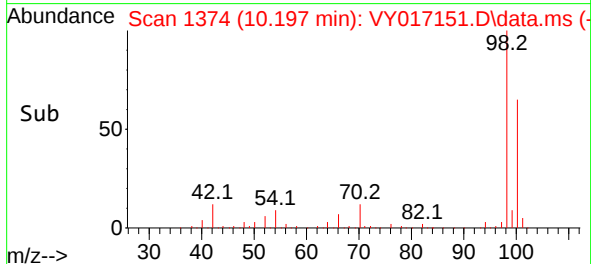
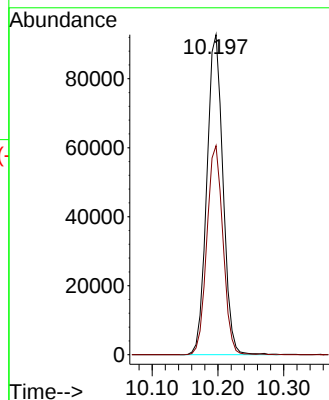
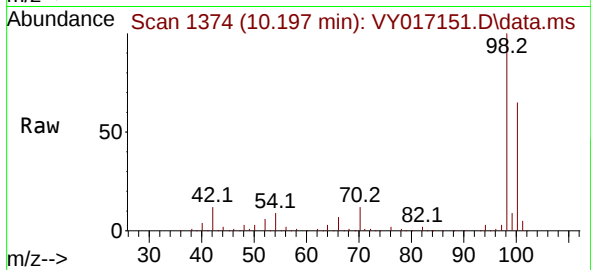
VY0131SBL01

Tgt Ion: 98 Resp: 158285

Ion Ratio Lower Upper

98 100

100 65.0 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 41.866 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY017151.D

Acq: 31 Jan 2024 11:13

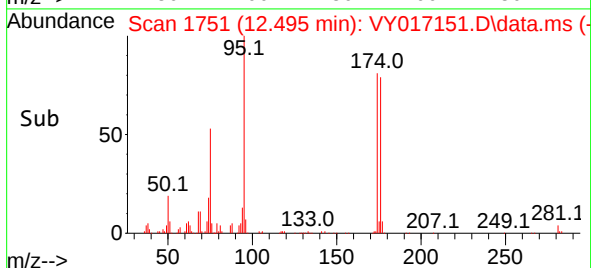
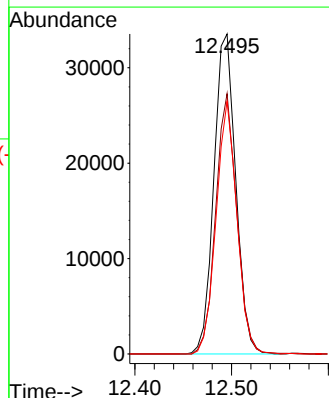
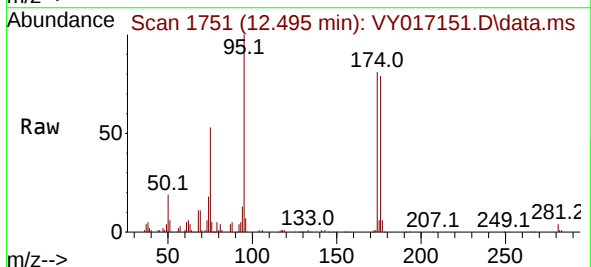
Tgt Ion: 95 Resp: 52572

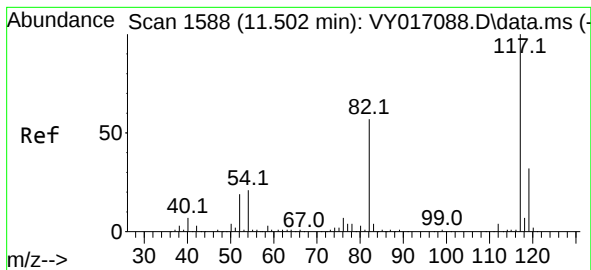
Ion Ratio Lower Upper

95 100

174 78.7 0.0 160.0

176 75.3 0.0 151.8

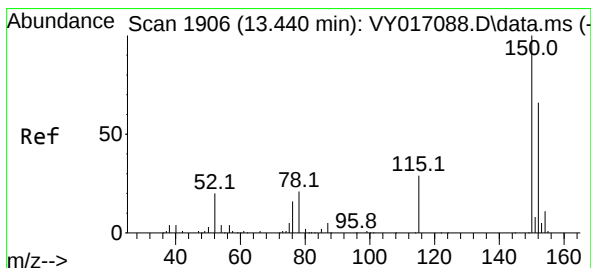
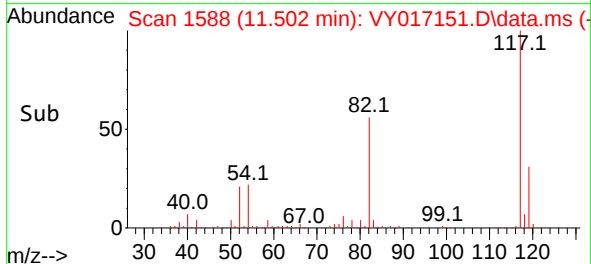
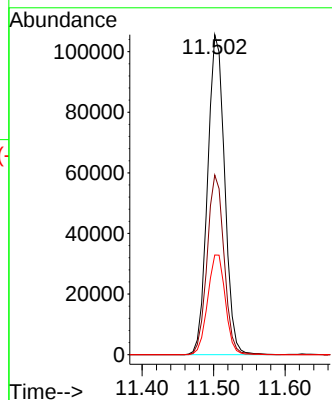
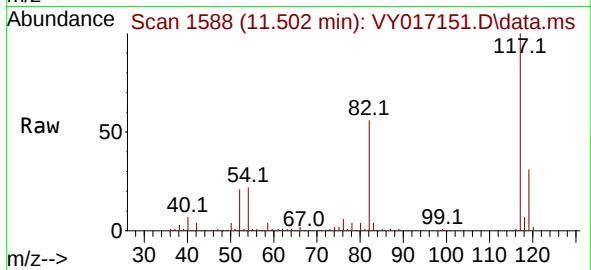




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017151.D
Acq: 31 Jan 2024 11:13

Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

Tgt Ion:117 Resp: 174957
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.2 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: VY017151.D
Acq: 31 Jan 2024 11:13

Tgt Ion:152 Resp: 68391
Ion Ratio Lower Upper
152 100
115 59.1 30.0 90.0
150 159.5 0.0 344.6

