

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012393.D
 Acq On : 30 Jan 2023 13:27
 Operator : KP/MD
 Sample : 01353-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11985

Quant Time: Jan 31 01:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	145362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	241346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	237536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113074	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	89296	76.170	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	152.340%
35) Dibromofluoromethane	7.715	113	70785	55.390	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.780%
50) Toluene-d8	10.178	98	285632	65.885	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	131.780%
62) 4-Bromofluorobenzene	12.483	95	95822	53.191	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.380%

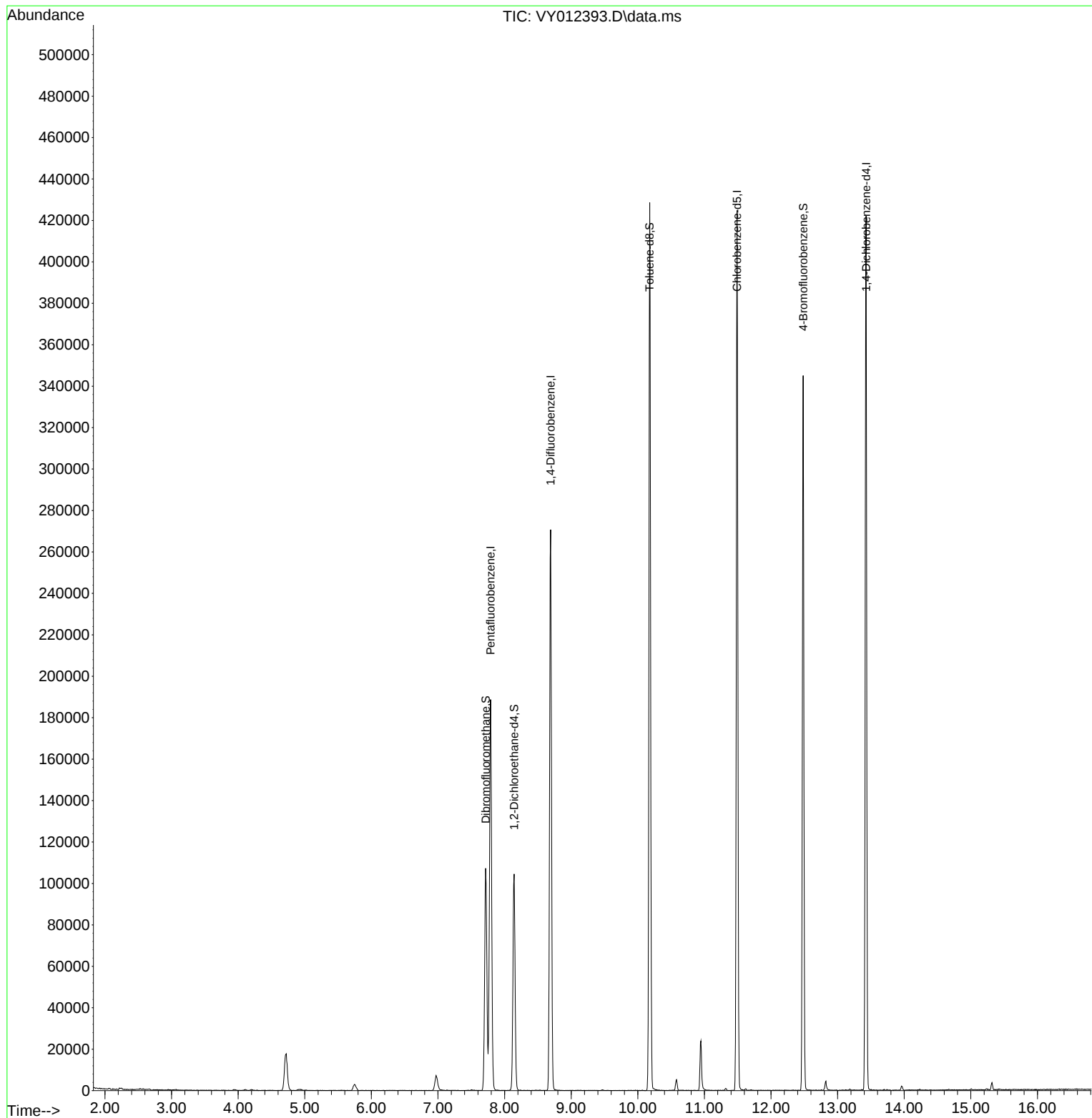
Target Compounds	Qvalue

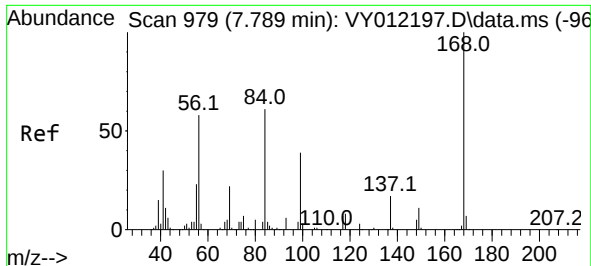
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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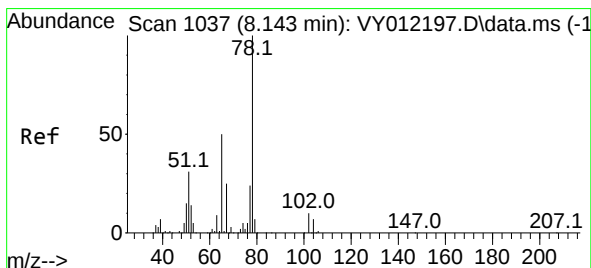
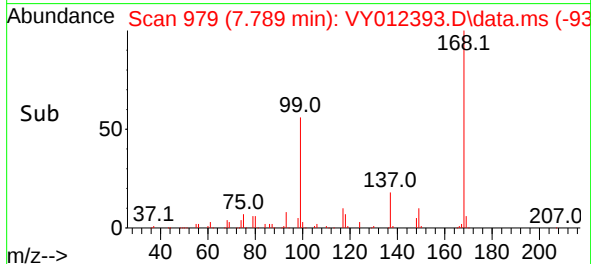
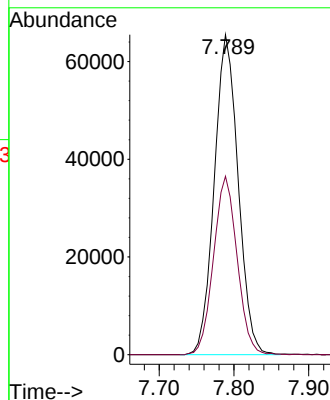
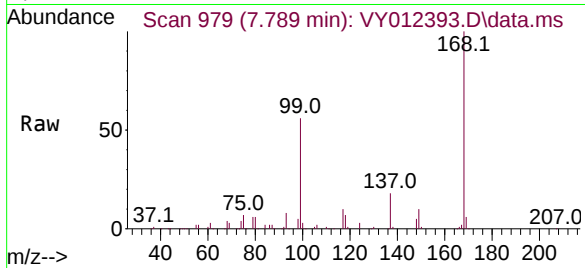




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

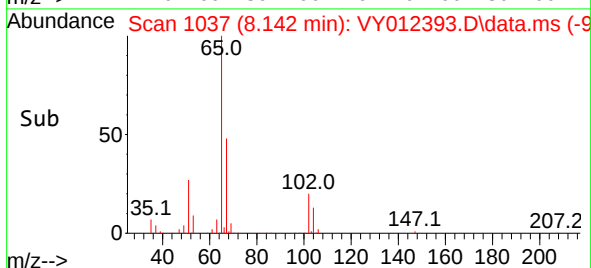
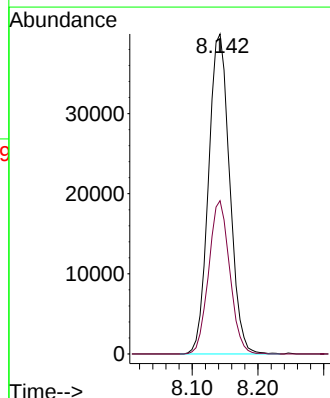
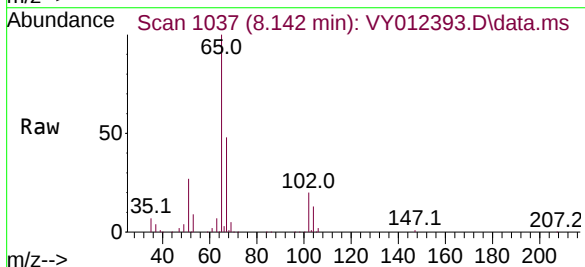
Instrument :
MSVOA_Y
ClientSampleId :
72-11985

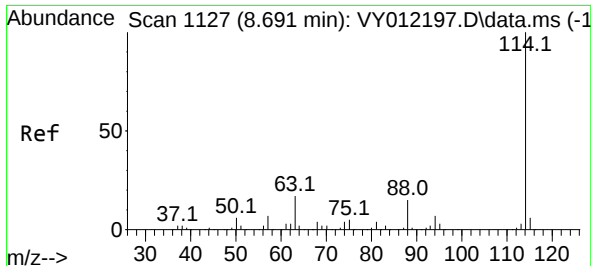
Tgt Ion:168 Resp: 145362
Ion Ratio Lower Upper
168 100
99 55.8 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 76.170 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion: 65 Resp: 89296
Ion Ratio Lower Upper
65 100
67 47.6 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012393.D

Acq: 30 Jan 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

72-11985

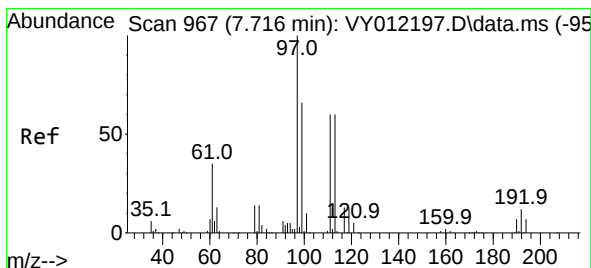
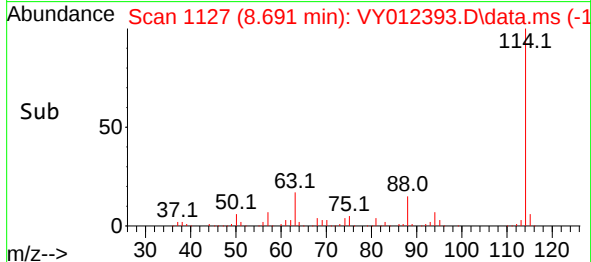
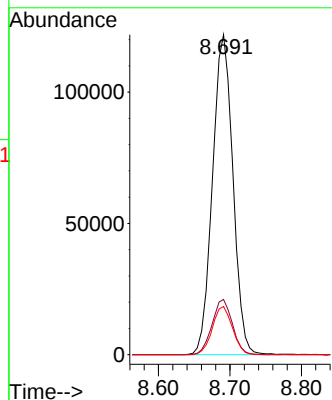
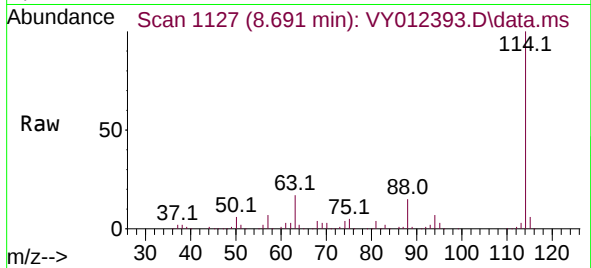
Tgt Ion:114 Resp: 241346

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.1 0.0 32.2



#35

Dibromofluoromethane

Concen: 55.390 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY012393.D

Acq: 30 Jan 2023 13:27

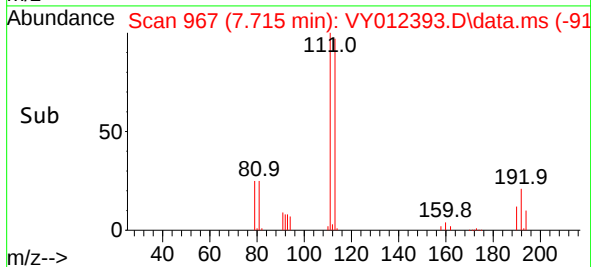
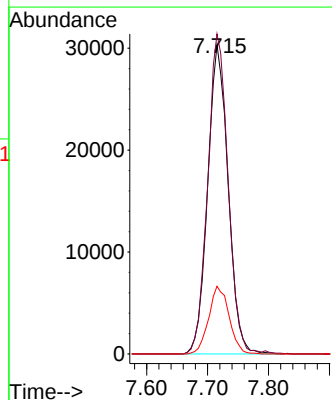
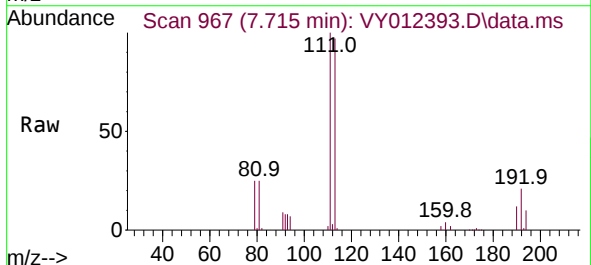
Tgt Ion:113 Resp: 70785

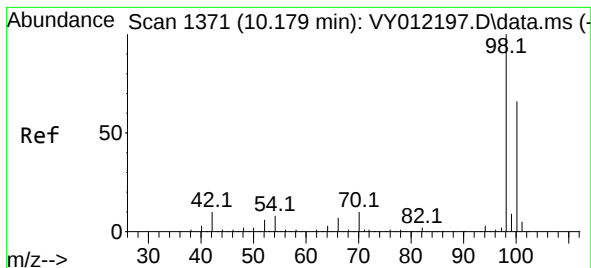
Ion Ratio Lower Upper

113 100

111 103.4 83.0 124.4

192 21.8 16.0 24.0





#50

Toluene-d8

Concen: 65.885 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY012393.D

Acq: 30 Jan 2023 13:27

Instrument :

MSVOA_Y

ClientSampleId :

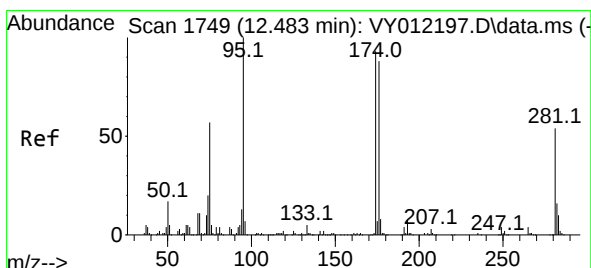
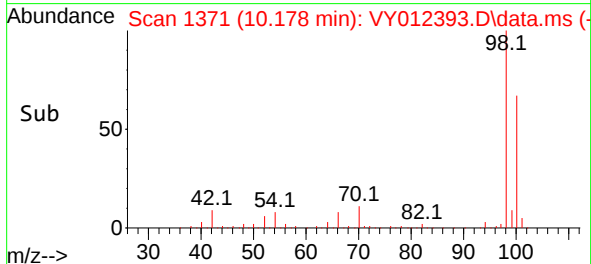
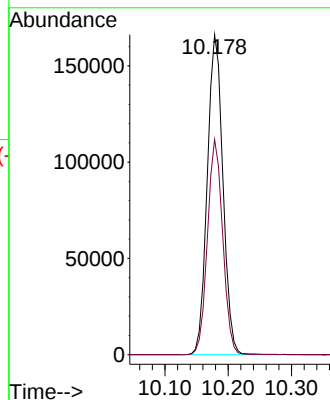
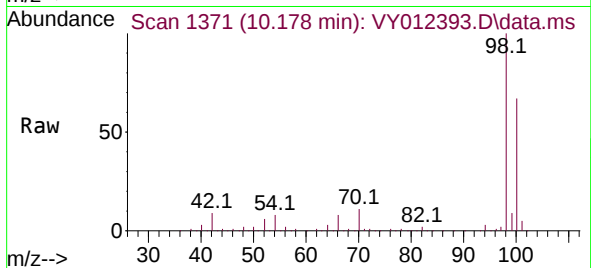
72-11985

Tgt Ion: 98 Resp: 285632

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 53.191 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012393.D

Acq: 30 Jan 2023 13:27

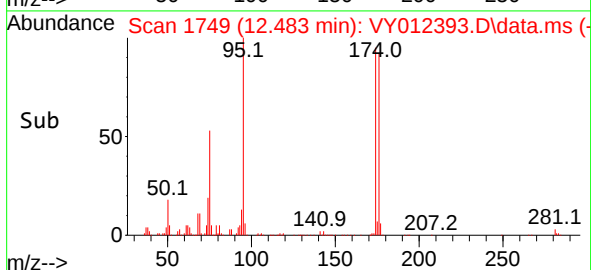
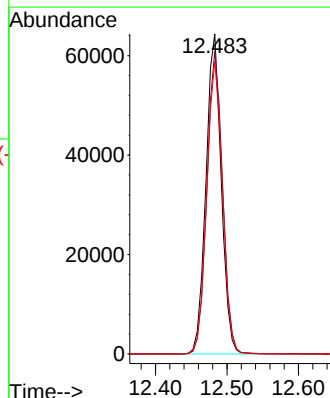
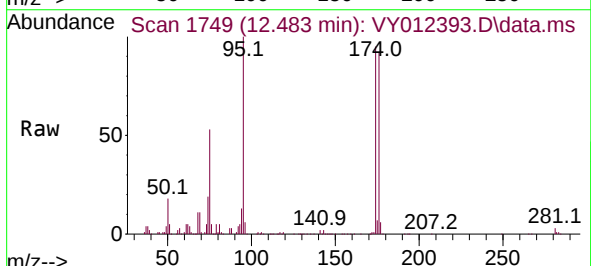
Tgt Ion: 95 Resp: 95822

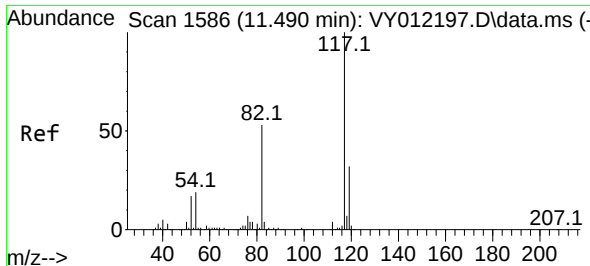
Ion Ratio Lower Upper

95 100

174 97.1 0.0 172.0

176 94.0 0.0 167.6

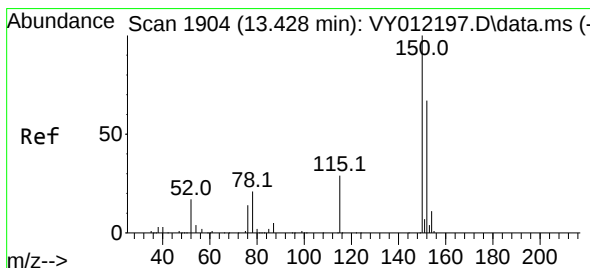
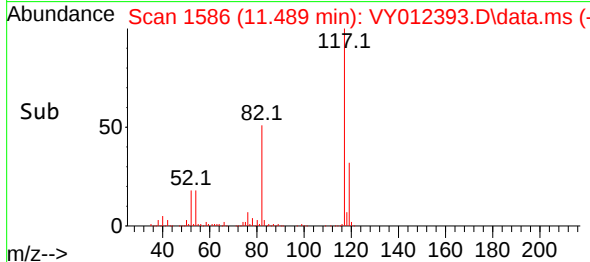
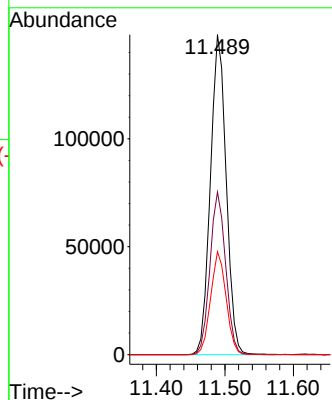
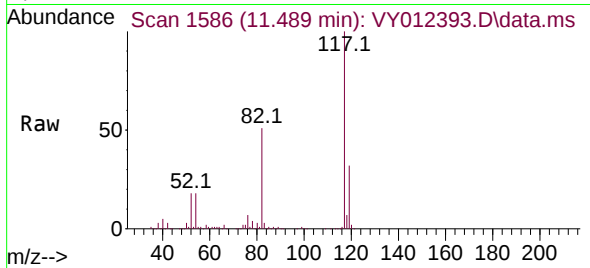




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Instrument :
MSVOA_Y
ClientSampleId :
72-11985

Tgt Ion:117 Resp: 237536
Ion Ratio Lower Upper
117 100
82 50.8 44.8 67.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012393.D
Acq: 30 Jan 2023 13:27

Tgt Ion:152 Resp: 113074
Ion Ratio Lower Upper
152 100
115 57.0 29.1 87.3
150 156.5 0.0 342.6

