

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012651.D
 Acq On : 17 Feb 2023 15:19
 Operator : KP/MD
 Sample : 01595-04
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-655-1

Quant Time: Feb 17 22:45:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	149187	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	249121	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	255568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	88343	46.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.140%
35) Dibromofluoromethane	7.710	113	73410	40.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.920%
50) Toluene-d8	10.179	98	298410	39.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.040%
62) 4-Bromofluorobenzene	12.477	95	104652	39.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.460%

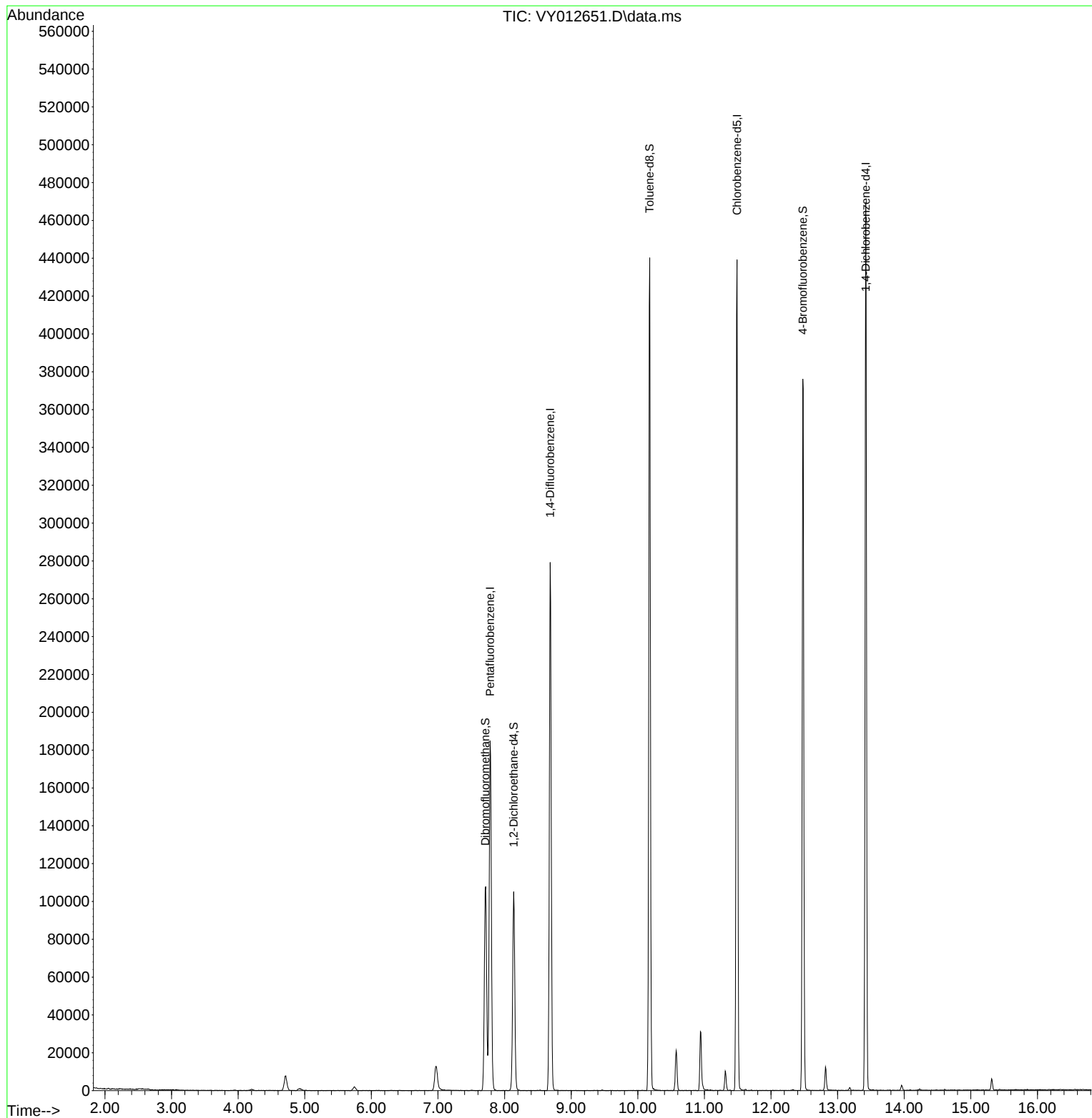
Target Compounds	Qvalue

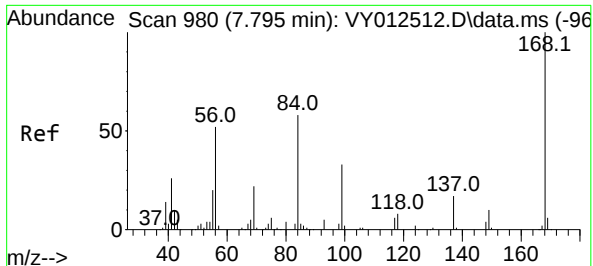
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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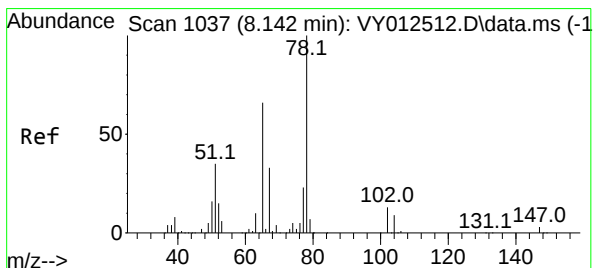
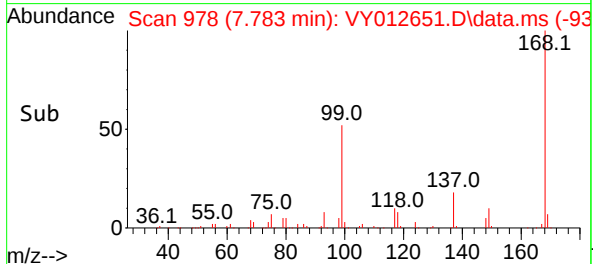
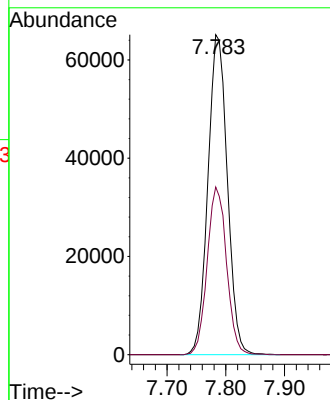
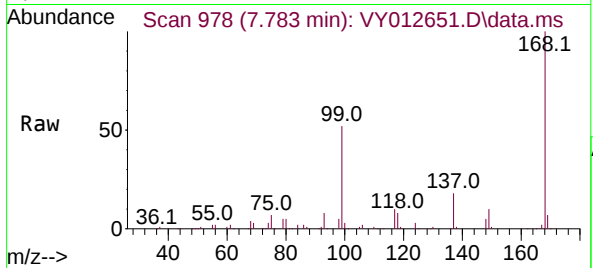




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

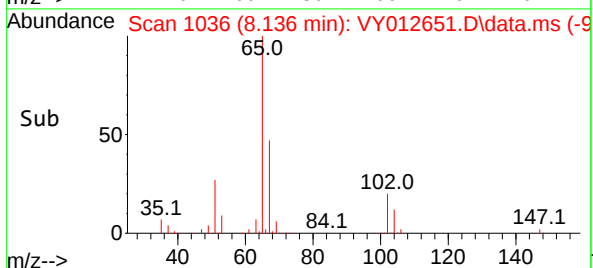
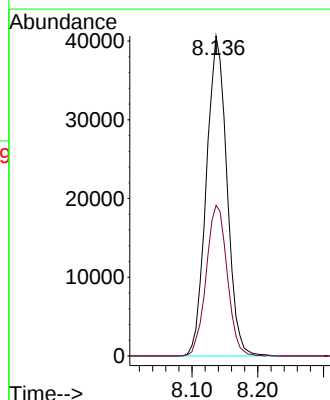
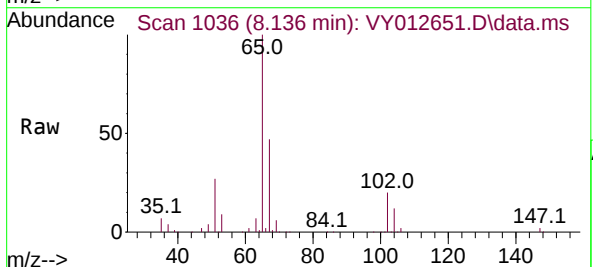
Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

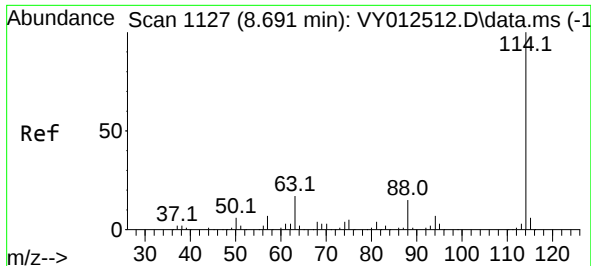
Tgt Ion:168 Resp: 149187
Ion Ratio Lower Upper
168 100
99 52.4 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 46.567 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Tgt Ion: 65 Resp: 88343
Ion Ratio Lower Upper
65 100
67 48.2 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

S-655-1

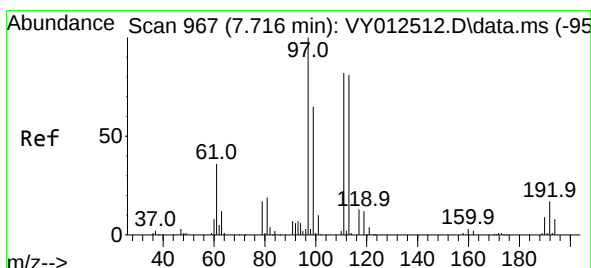
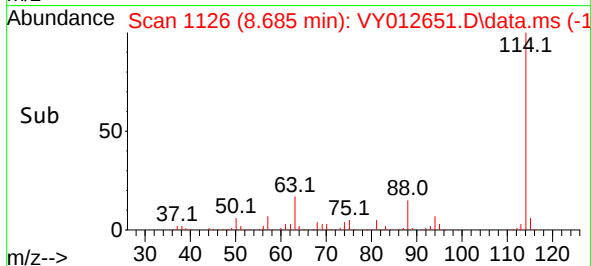
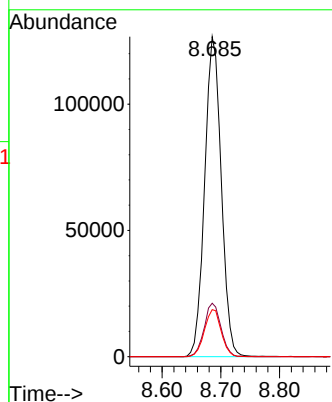
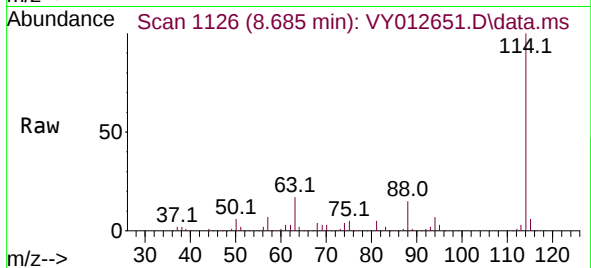
Tgt Ion:114 Resp: 249121

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.6

88 14.7 0.0 29.8



#35

Dibromofluoromethane

Concen: 40.463 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

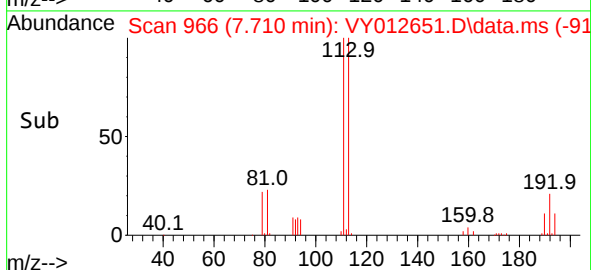
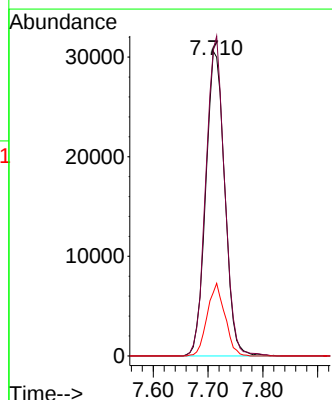
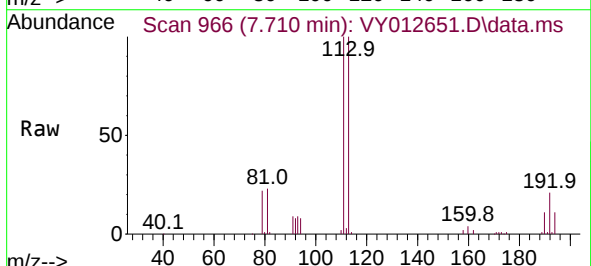
Tgt Ion:113 Resp: 73410

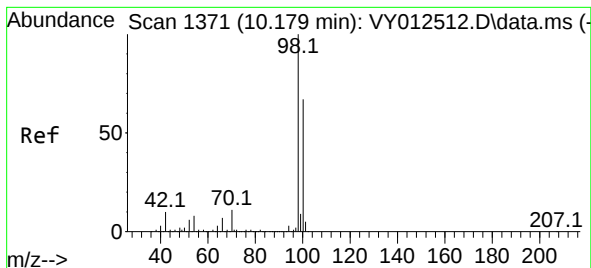
Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 22.3 17.5 26.3





#50

Toluene-d8

Concen: 39.517 ug/l

RT: 10.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

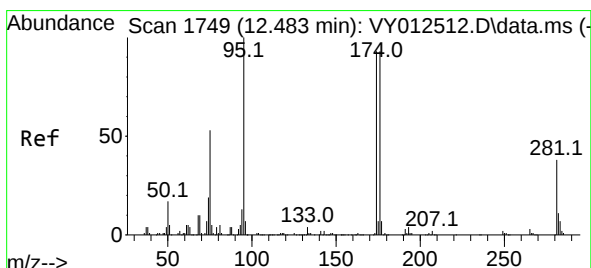
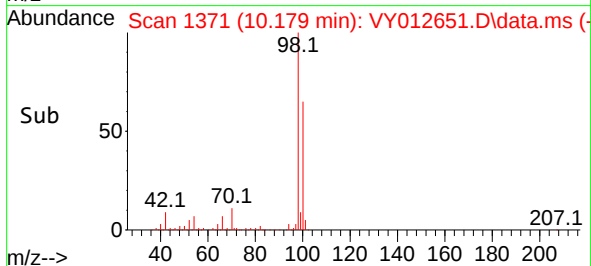
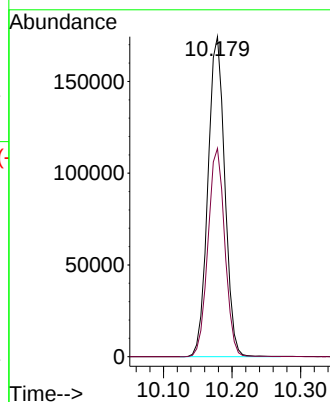
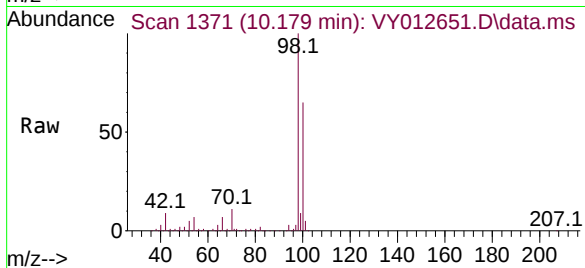
S-655-1

Tgt Ion: 98 Resp: 298410

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 39.732 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY012651.D

Acq: 17 Feb 2023 15:19

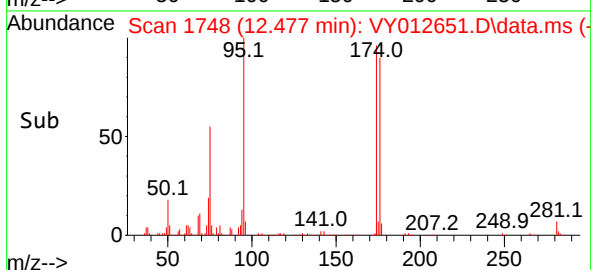
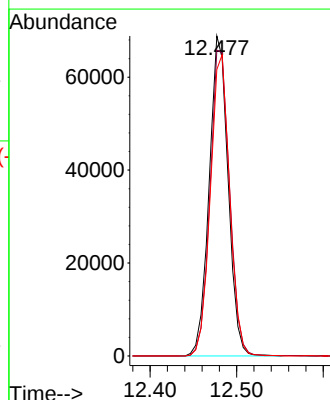
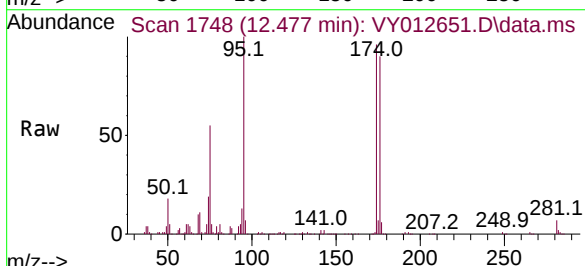
Tgt Ion: 95 Resp: 104652

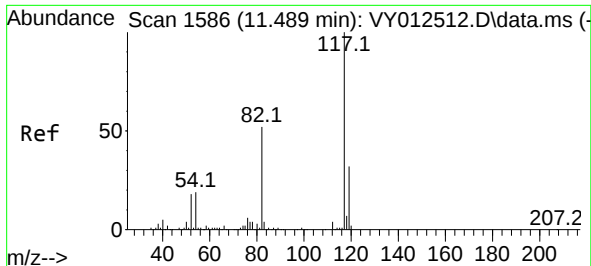
Ion Ratio Lower Upper

95 100

174 98.8 0.0 188.0

176 95.5 0.0 183.6

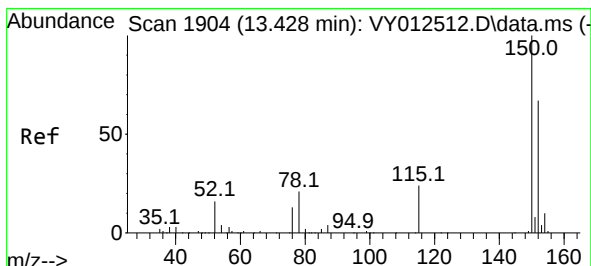
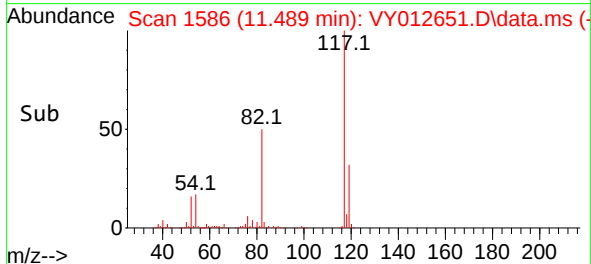
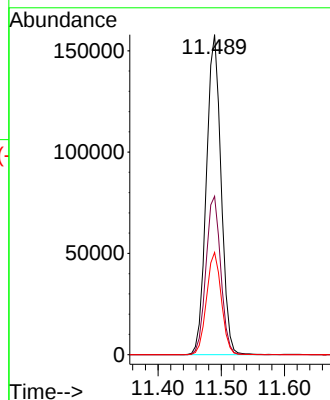
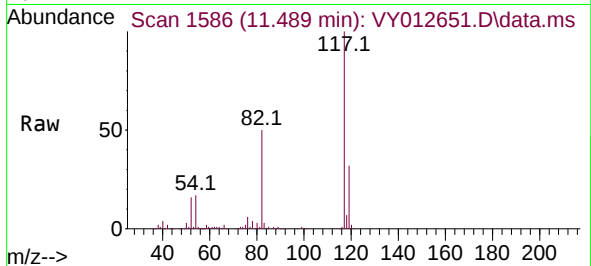




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Instrument :
MSVOA_Y
ClientSampleId :
S-655-1

Tgt Ion:117 Resp: 255568
Ion Ratio Lower Upper
117 100
82 49.5 41.7 62.5
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY012651.D
Acq: 17 Feb 2023 15:19

Tgt Ion:152 Resp: 127886
Ion Ratio Lower Upper
152 100
115 55.5 28.1 84.3
150 156.9 0.0 351.0

