

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010625.D
 Acq On : 22 Sep 2022 16:16
 Operator : KP/MD
 Sample : N4723-13
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-26-8.5-9.0

Quant Time: Sep 23 09:04:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	185139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	364727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	169709	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	100131	56.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.100%
35) Dibromofluoromethane	7.710	113	88228	39.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.300%
50) Toluene-d8	10.179	98	333898	40.708	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.420%
62) 4-Bromofluorobenzene	12.483	95	110248	34.848	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.700%

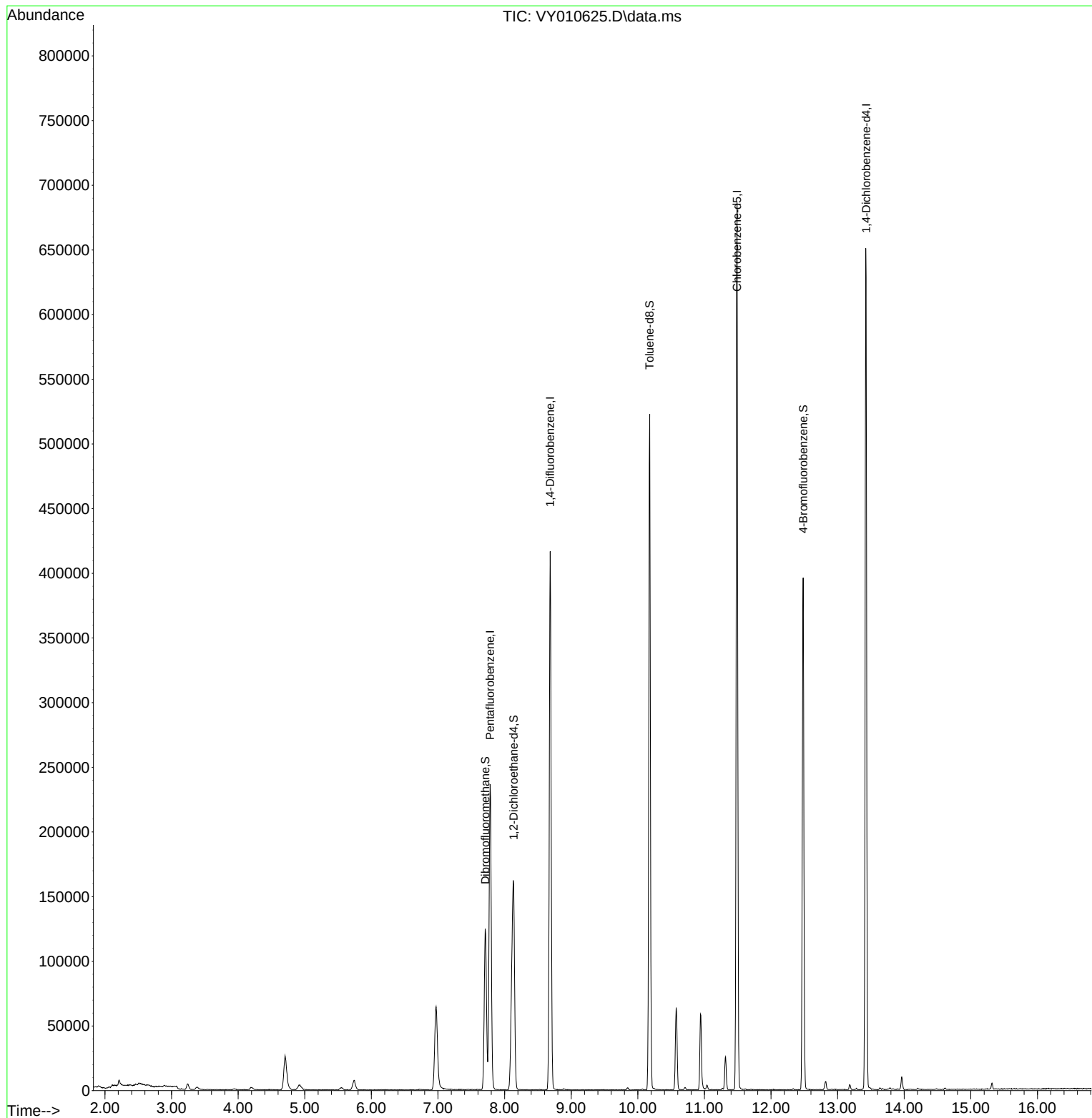
Target Compounds	Qvalue

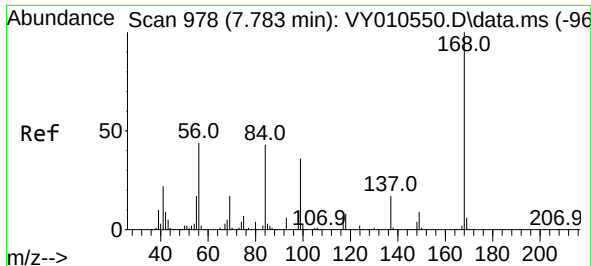
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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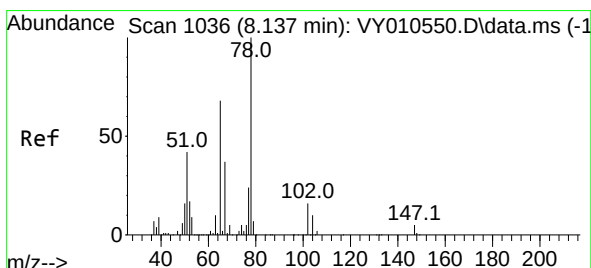
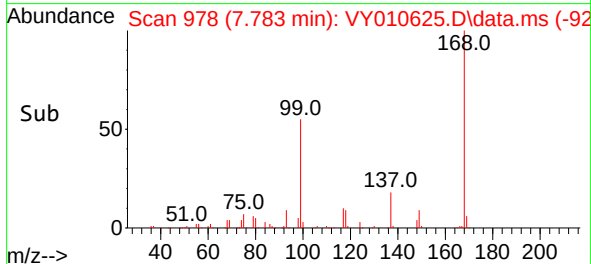
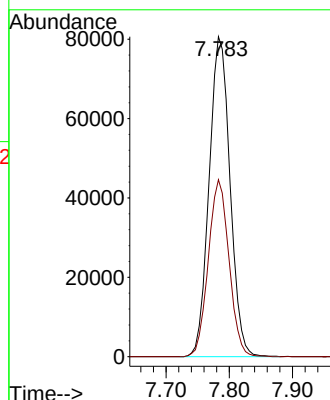
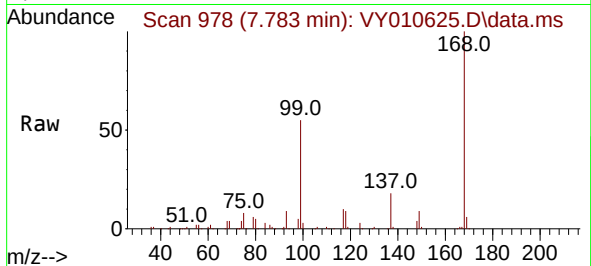




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010625.D
Acq: 22 Sep 2022 16:16

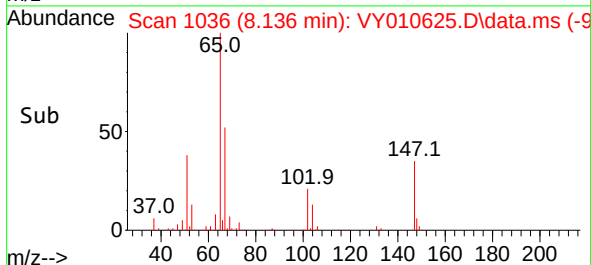
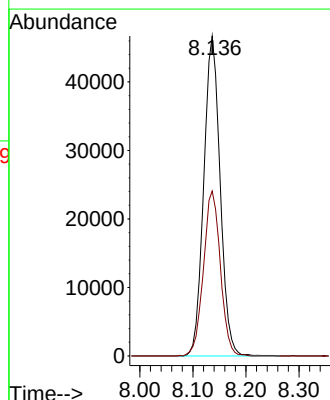
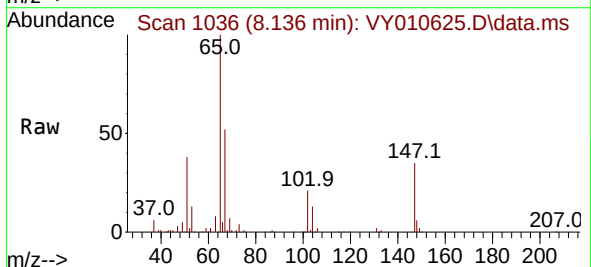
Instrument :
MSVOA_Y
ClientSampleId :
SB-26-8.5-9.0

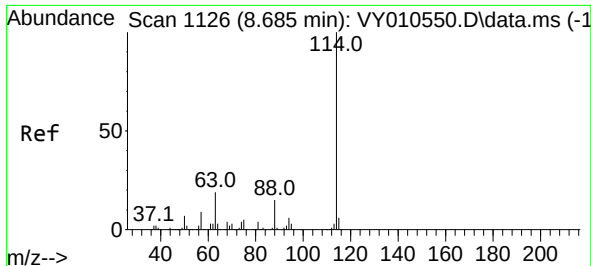
Tgt Ion:168 Resp: 185139
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.545 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010625.D
Acq: 22 Sep 2022 16:16

Tgt Ion: 65 Resp: 100131
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010625.D

Acq: 22 Sep 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-26-8.5-9.0

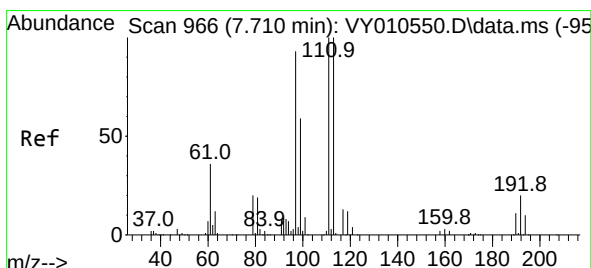
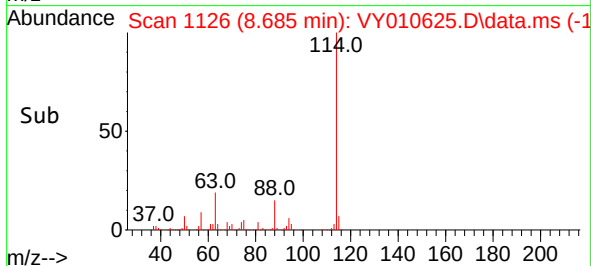
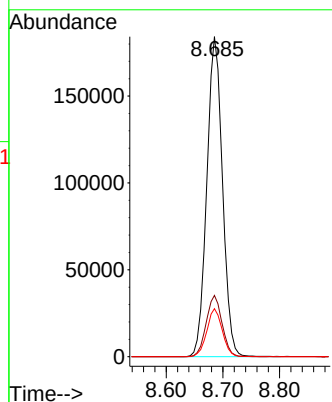
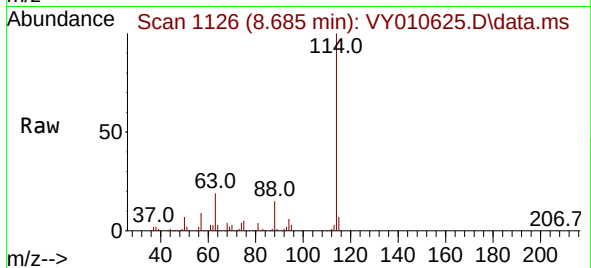
Tgt Ion:114 Resp: 353122

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.149 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010625.D

Acq: 22 Sep 2022 16:16

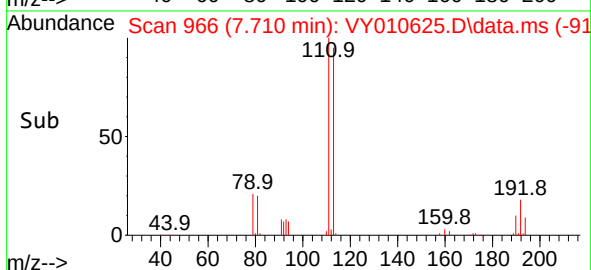
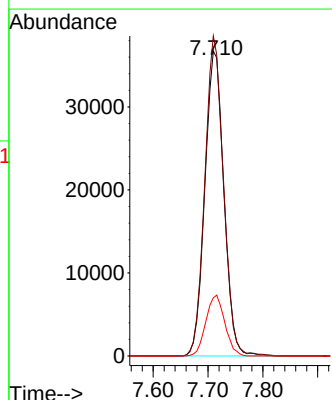
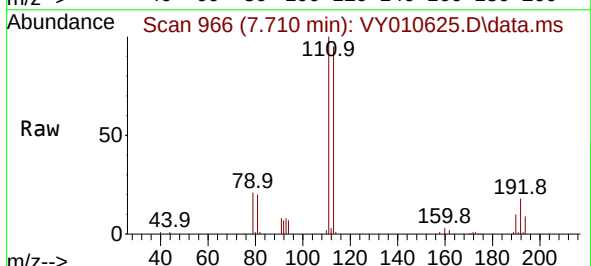
Tgt Ion:113 Resp: 88228

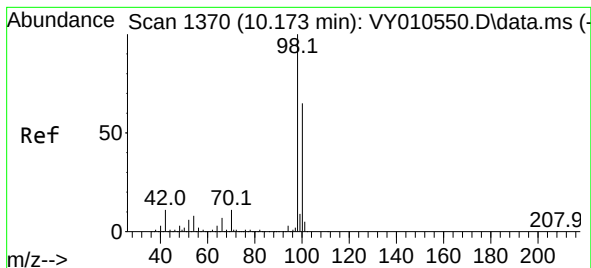
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 19.8 17.6 26.4





#50

Toluene-d8

Concen: 40.708 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010625.D

Acq: 22 Sep 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

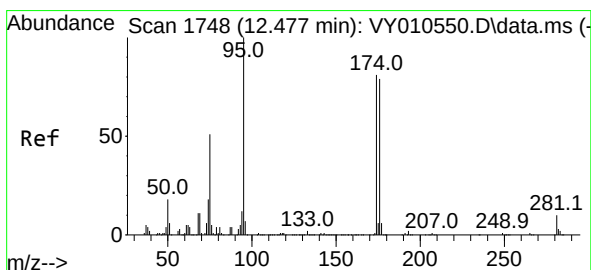
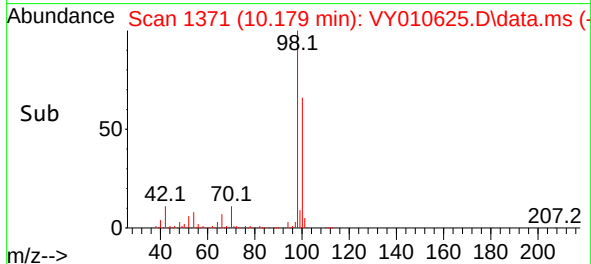
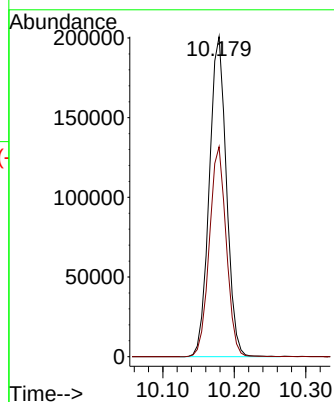
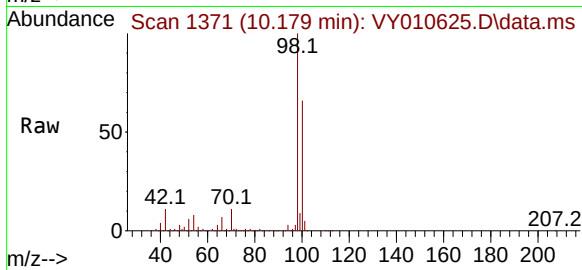
SB-26-8.5-9.0

Tgt Ion: 98 Resp: 333898

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 34.848 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010625.D

Acq: 22 Sep 2022 16:16

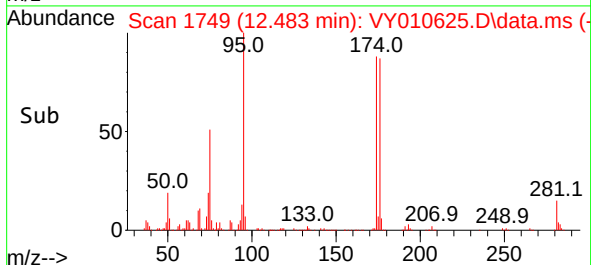
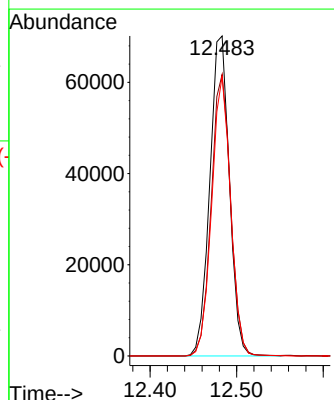
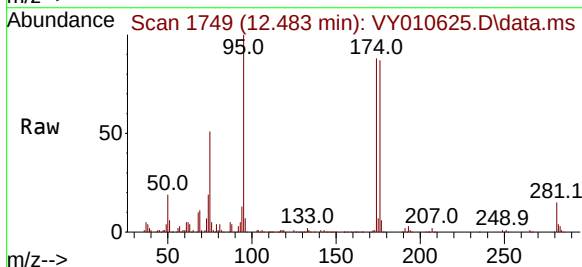
Tgt Ion: 95 Resp: 110248

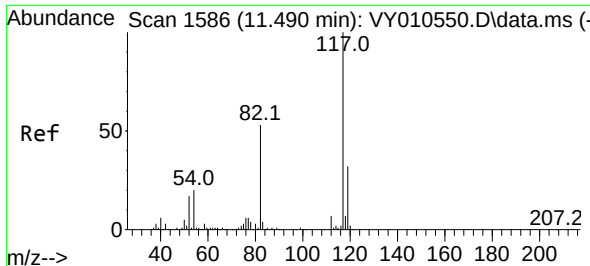
Ion Ratio Lower Upper

95 100

174 87.4 0.0 177.0

176 84.4 0.0 175.8

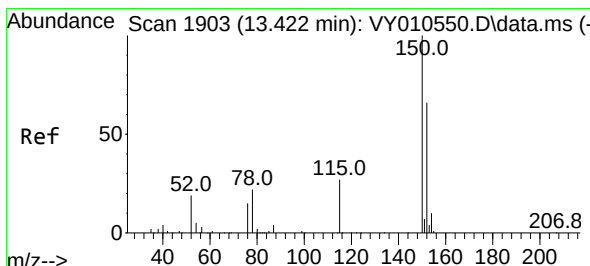
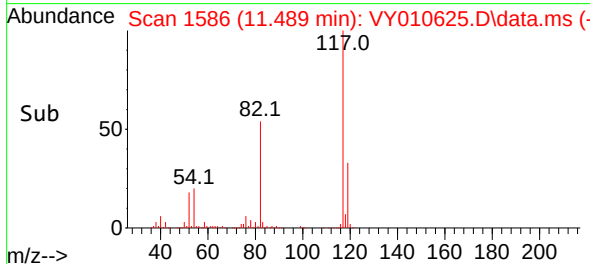
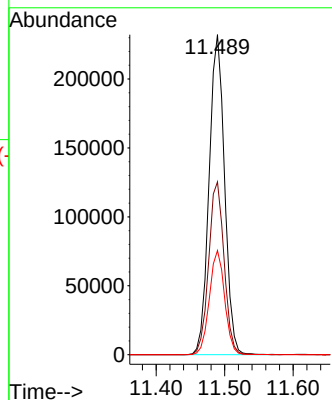
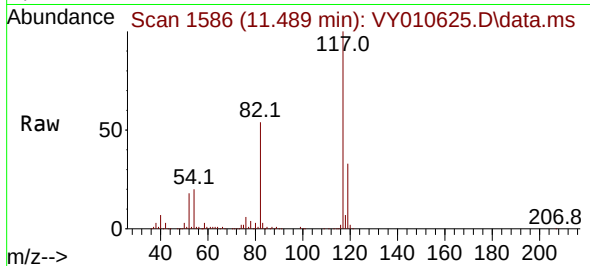




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010625.D
Acq: 22 Sep 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :
SB-26-8.5-9.0

Tgt Ion:117 Resp: 364727
Ion Ratio Lower Upper
117 100
82 54.0 43.0 64.4
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010625.D
Acq: 22 Sep 2022 16:16

Tgt Ion:152 Resp: 169709
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.7
150 156.5 0.0 347.6

