

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010626.D
 Acq On : 22 Sep 2022 16:39
 Operator : KP/MD
 Sample : N4723-15
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-27-6.5-7.0

Quant Time: Sep 23 09:04:13 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	186709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	356343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165212	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	93963	52.616	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.240%
35) Dibromofluoromethane	7.716	113	87398	38.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.860%
50) Toluene-d8	10.179	98	333825	40.360	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	80.720%
62) 4-Bromofluorobenzene	12.483	95	109079	34.111	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	68.220%

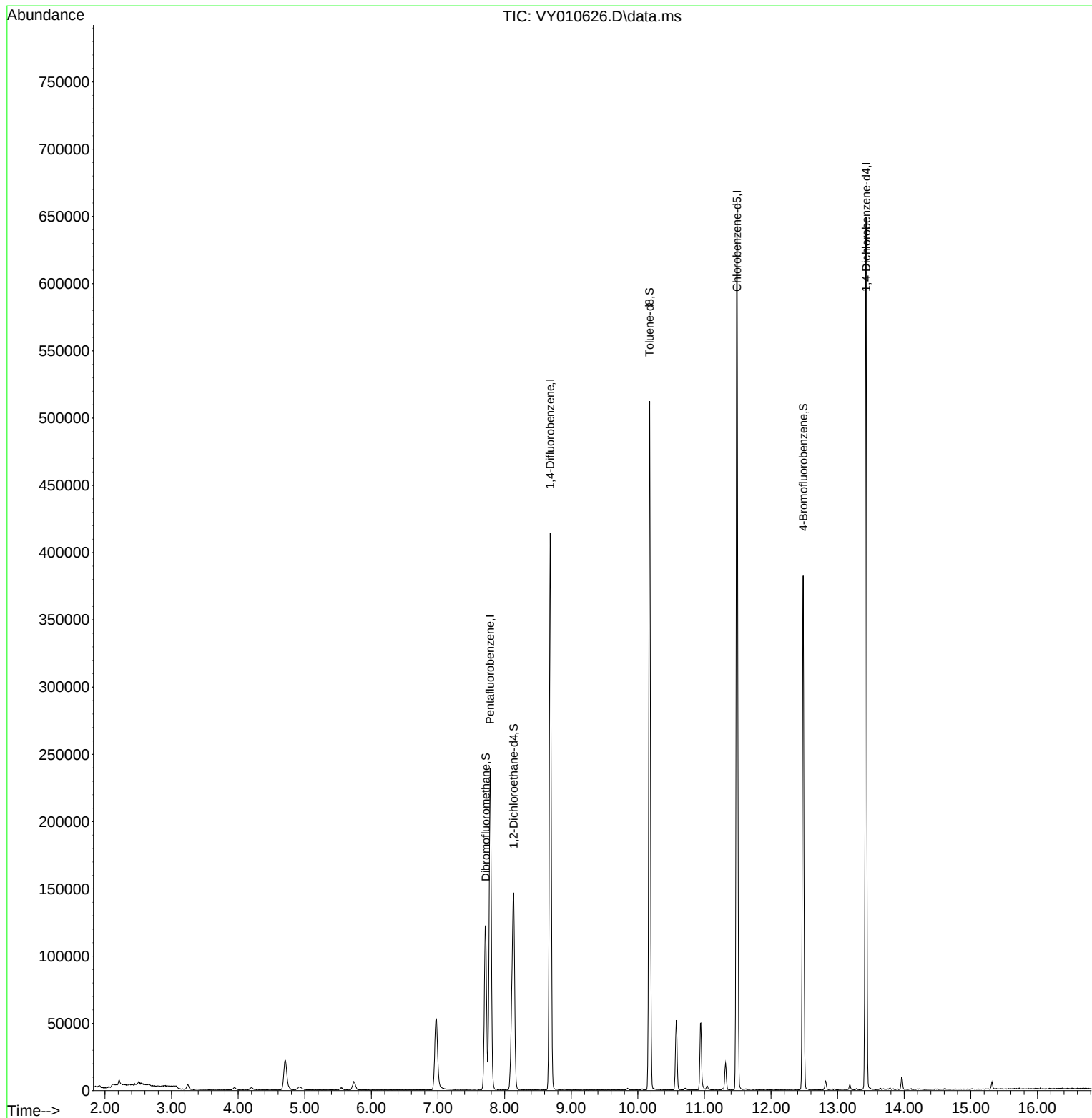
Target Compounds	Qvalue

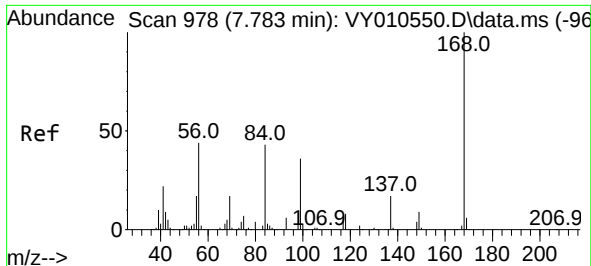
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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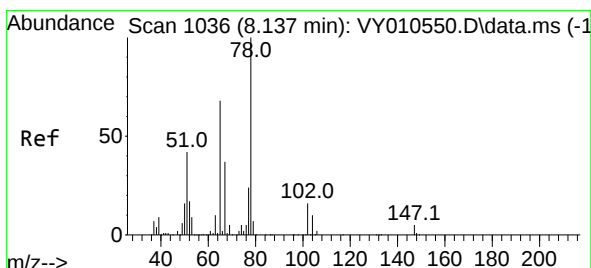
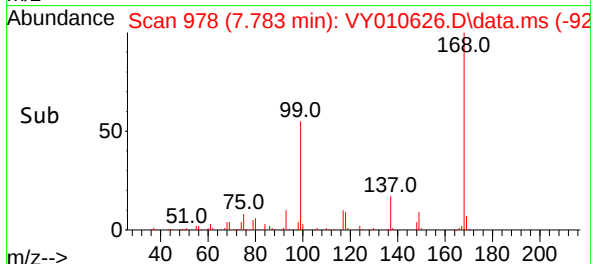
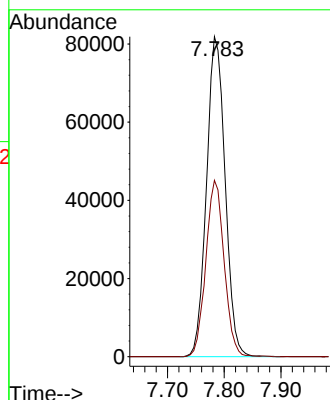
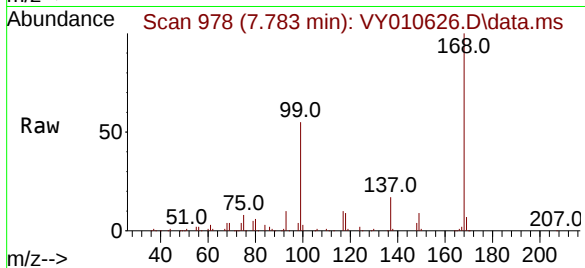




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010626.D
Acq: 22 Sep 2022 16:39

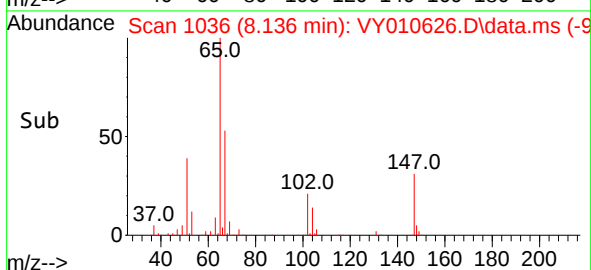
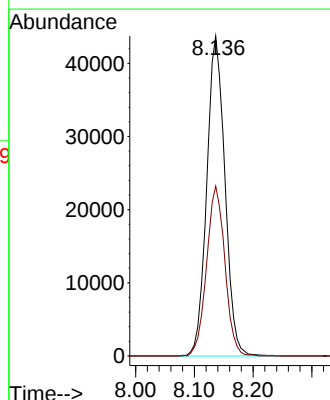
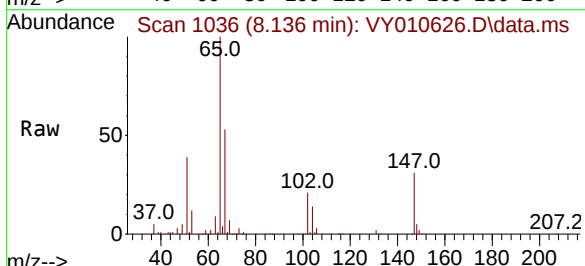
Instrument :
MSVOA_Y
ClientSampleId :
SB-27-6.5-7.0

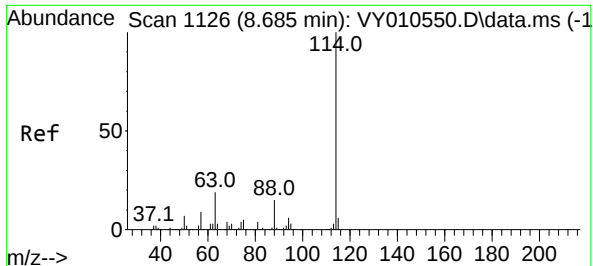
Tgt Ion:168 Resp: 186709
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 52.616 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010626.D
Acq: 22 Sep 2022 16:39

Tgt Ion: 65 Resp: 93963
Ion Ratio Lower Upper
65 100
67 53.4 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: VY010626.D

Acq: 22 Sep 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

SB-27-6.5-7.0

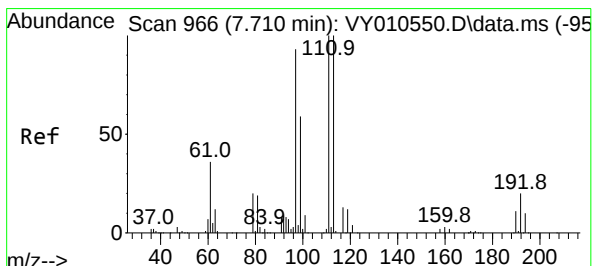
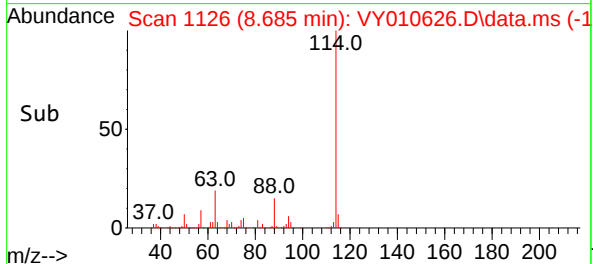
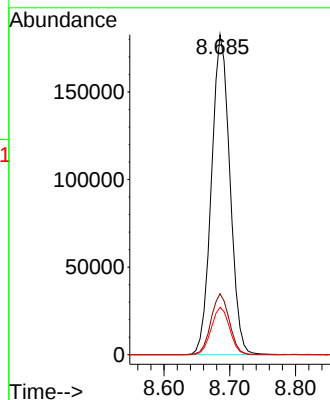
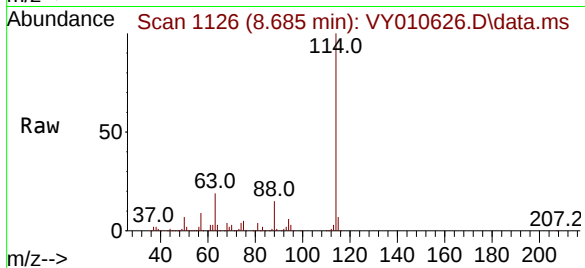
Tgt Ion:114 Resp: 356343

Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 38.430 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010626.D

Acq: 22 Sep 2022 16:39

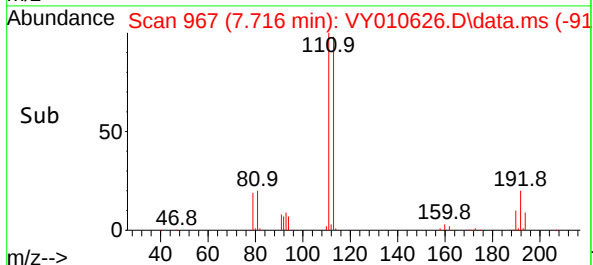
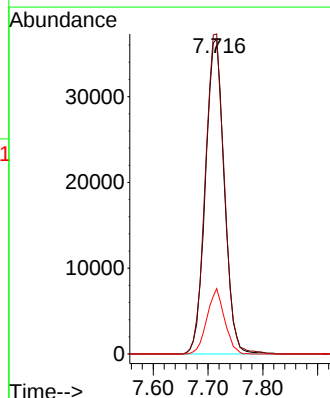
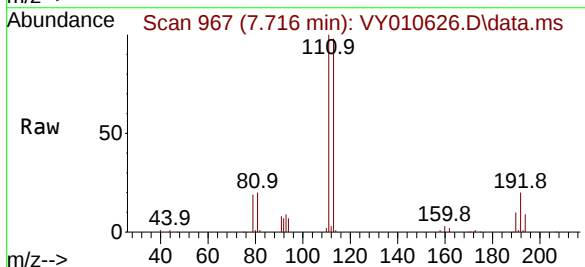
Tgt Ion:113 Resp: 87398

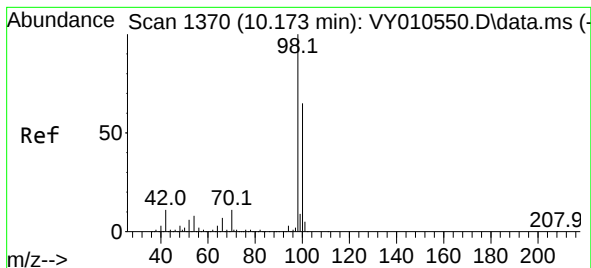
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.3 17.6 26.4





#50

Toluene-d8

Concen: 40.360 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010626.D

Acq: 22 Sep 2022 16:39

Instrument :

MSVOA_Y

ClientSampleId :

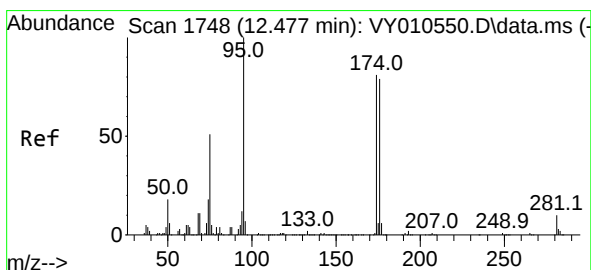
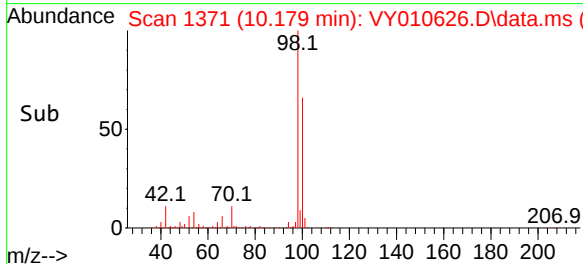
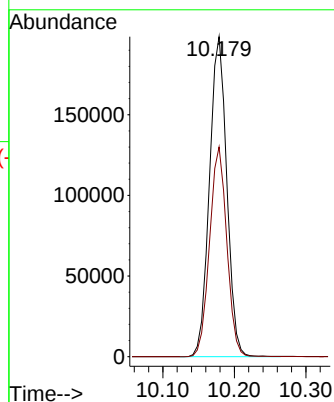
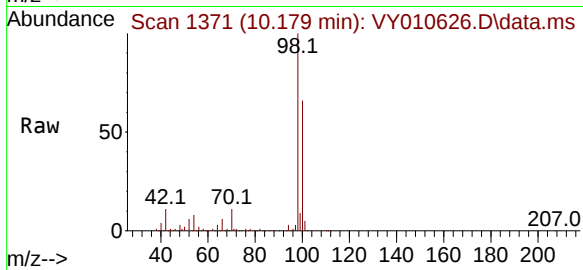
SB-27-6.5-7.0

Tgt Ion: 98 Resp: 333825

Ion Ratio Lower Upper

98 100

100 65.1 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 34.111 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY010626.D

Acq: 22 Sep 2022 16:39

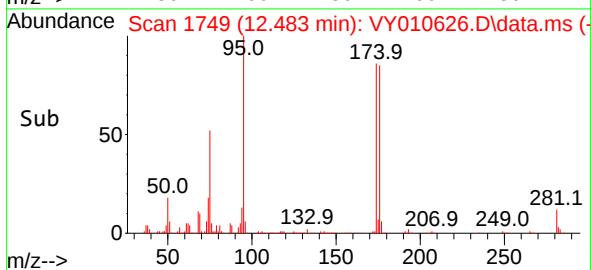
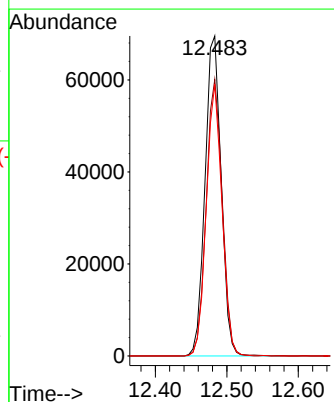
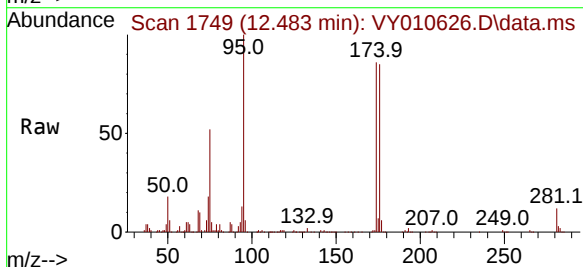
Tgt Ion: 95 Resp: 109079

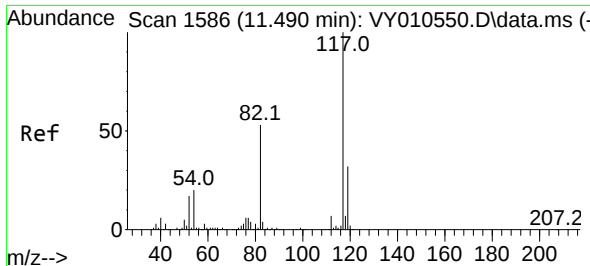
Ion Ratio Lower Upper

95 100

174 86.4 0.0 177.0

176 82.4 0.0 175.8

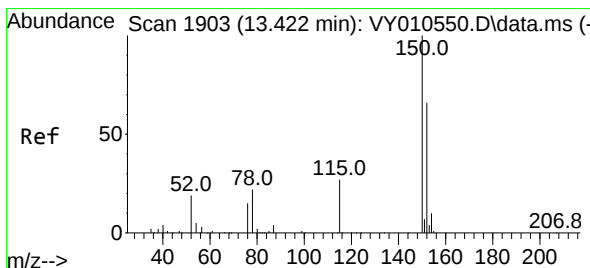
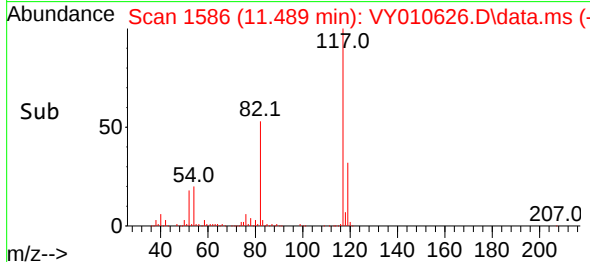
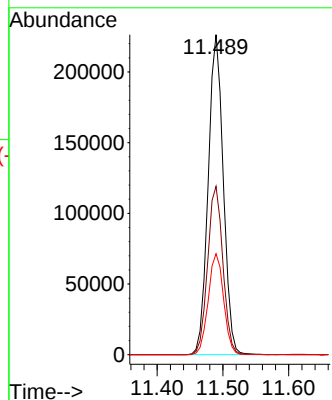
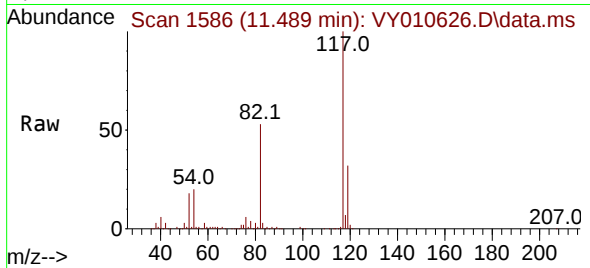




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010626.D
Acq: 22 Sep 2022 16:39

Instrument :
MSVOA_Y
ClientSampleId :
SB-27-6.5-7.0

Tgt Ion:117 Resp: 361683
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.6 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: VY010626.D
Acq: 22 Sep 2022 16:39

Tgt Ion:152 Resp: 165212
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.1 0.0 347.6

