

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010620.D
 Acq On : 22 Sep 2022 14:19
 Operator : KP/MD
 Sample : N4723-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-7.5-8.0

Quant Time: Sep 23 09:02:38 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	188050	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	363758	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97431	54.169	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.340%
35) Dibromofluoromethane	7.710	113	89457	39.169	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.340%
50) Toluene-d8	10.179	98	339306	40.811	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.620%
62) 4-Bromofluorobenzene	12.483	95	112301	35.041	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.080%

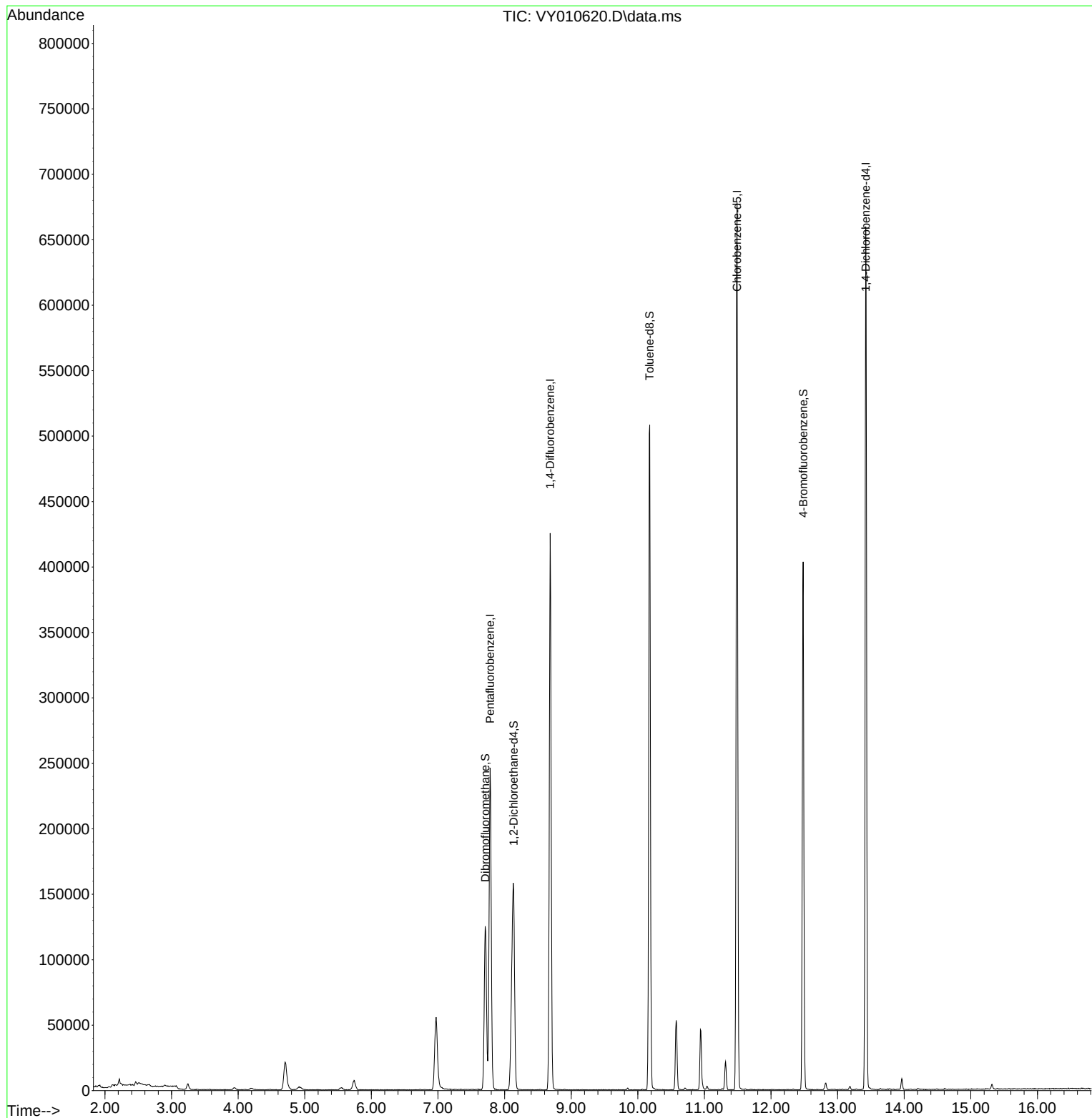
Target Compounds	Qvalue

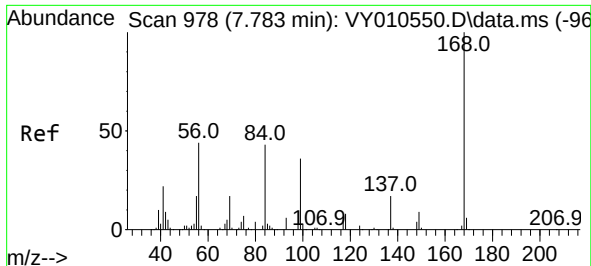
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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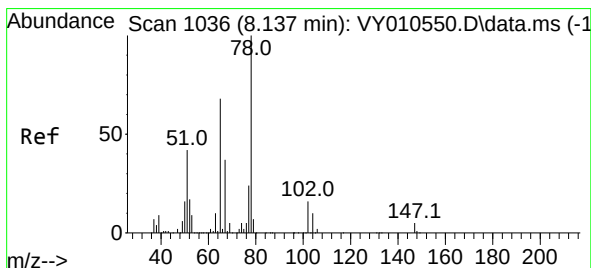
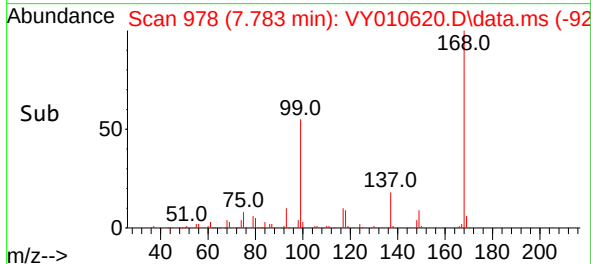
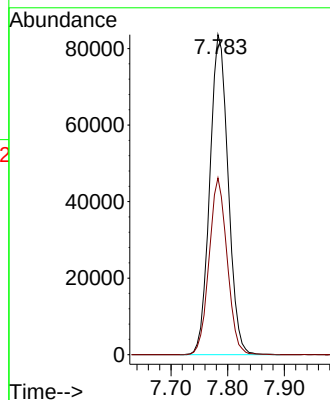
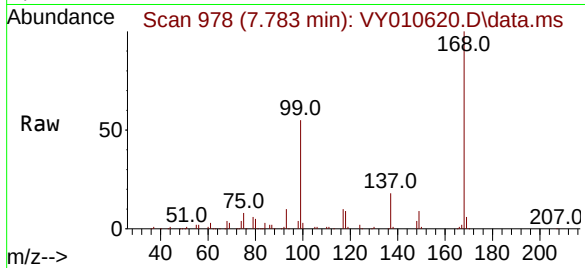




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010620.D
Acq: 22 Sep 2022 14:19

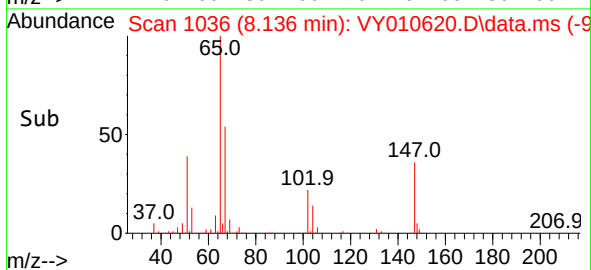
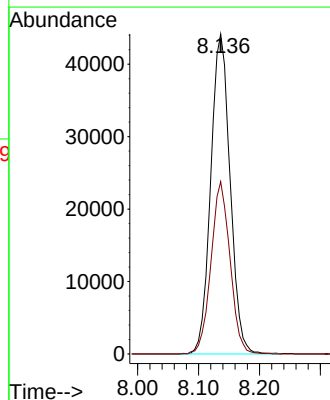
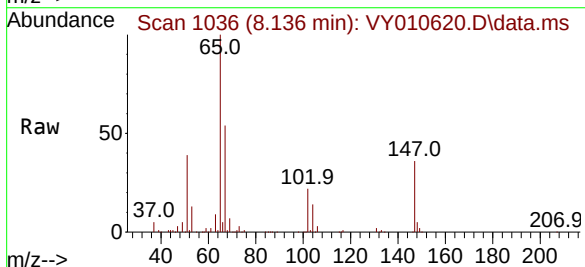
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-7.5-8.0

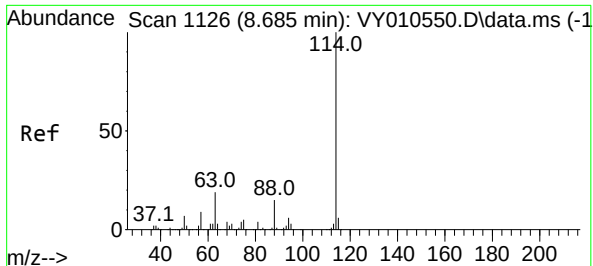
Tgt Ion:168 Resp: 188050
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 54.169 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010620.D
Acq: 22 Sep 2022 14:19

Tgt Ion: 65 Resp: 97431
Ion Ratio Lower Upper
65 100
67 53.0 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: VY010620.D

Acq: 22 Sep 2022 14:19

Instrument :

MSVOA_Y

ClientSampleId :

SB-13-7.5-8.0

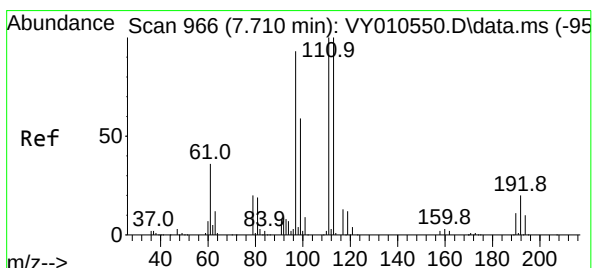
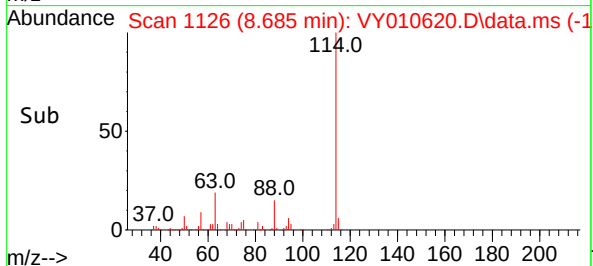
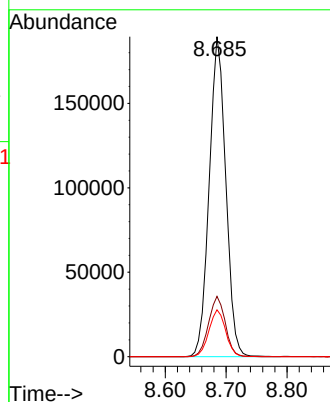
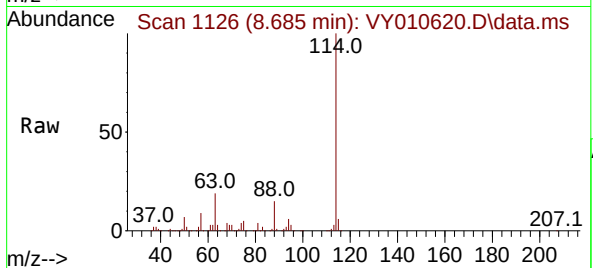
Tgt Ion:114 Resp: 357864

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 39.169 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010620.D

Acq: 22 Sep 2022 14:19

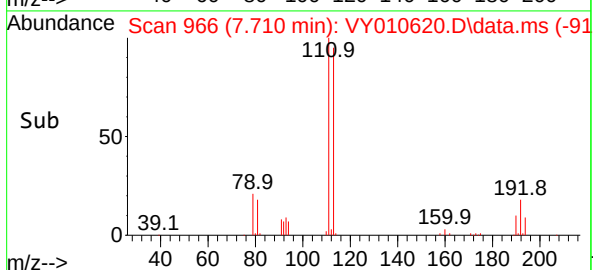
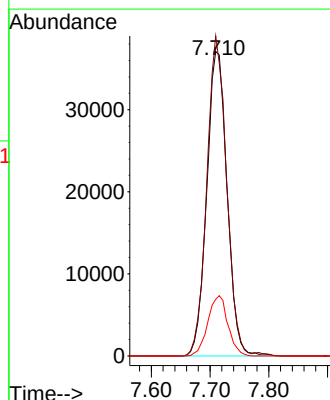
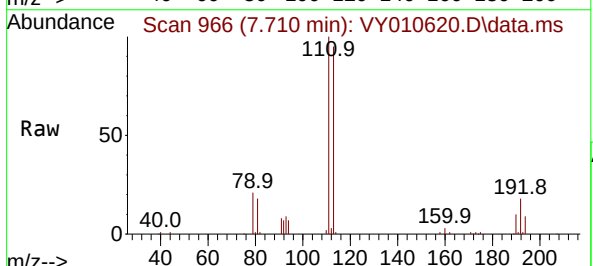
Tgt Ion:113 Resp: 89457

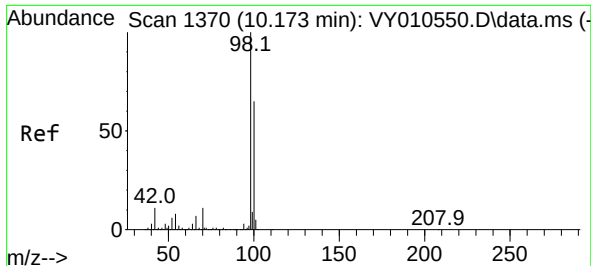
Ion Ratio Lower Upper

113 100

111 101.6 82.6 124.0

192 19.5 17.6 26.4

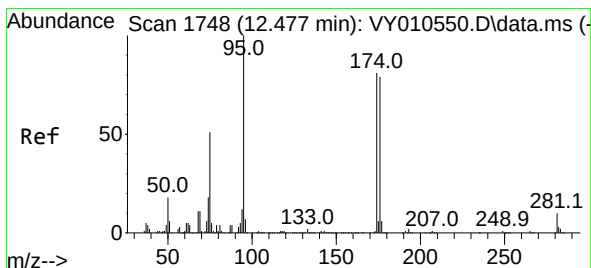
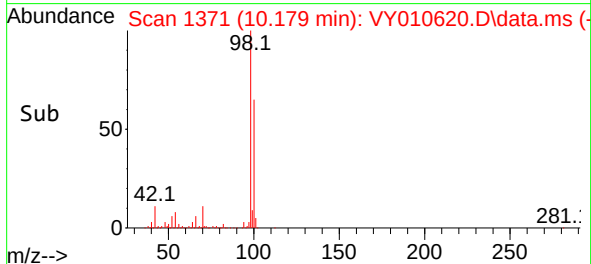
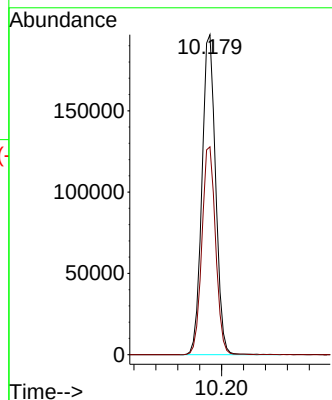
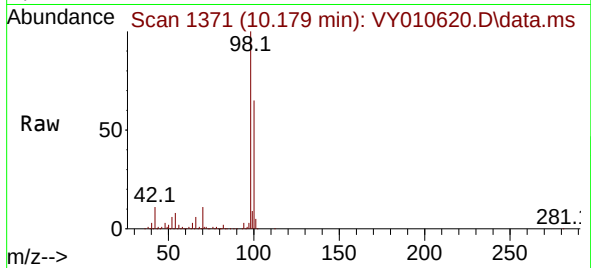




#50
Toluene-d8
Concen: 40.811 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010620.D
Acq: 22 Sep 2022 14:19

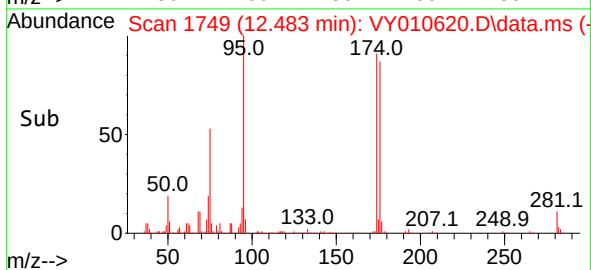
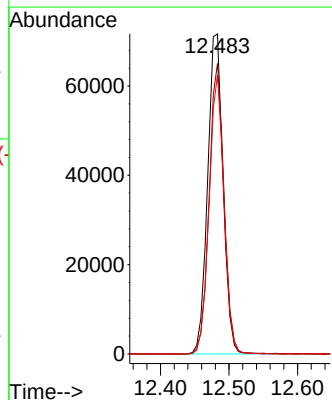
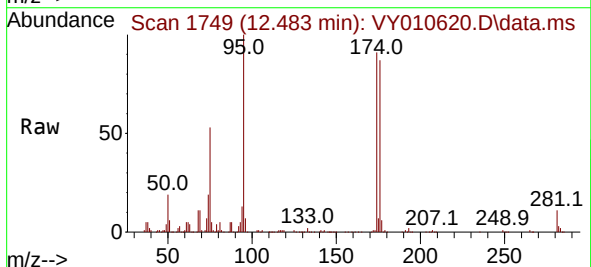
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-7.5-8.0

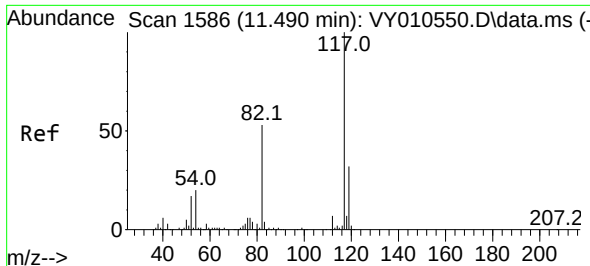
Tgt Ion: 98 Resp: 339306
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.041 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010620.D
Acq: 22 Sep 2022 14:19

Tgt Ion: 95 Resp: 112301
Ion Ratio Lower Upper
95 100
174 87.6 0.0 177.0
176 83.8 0.0 175.8

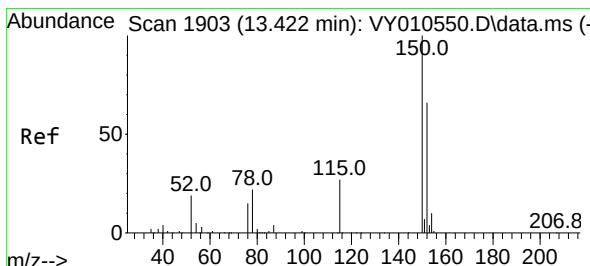
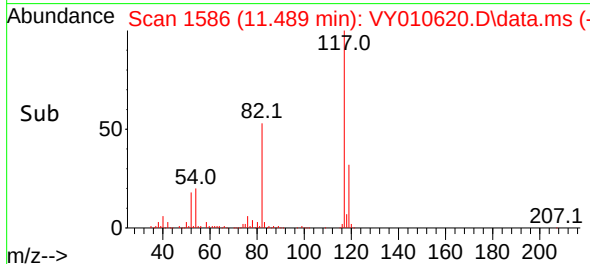
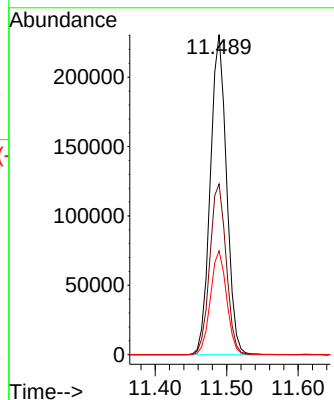
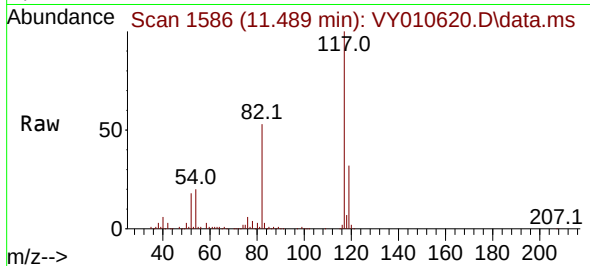




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010620.D
Acq: 22 Sep 2022 14:19

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-7.5-8.0

Tgt Ion:117 Resp: 363758
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010620.D
Acq: 22 Sep 2022 14:19

Tgt Ion:152 Resp: 169552
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 156.5 0.0 347.6

