

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092722\
 Data File : VY010695.D
 Acq On : 27 Sep 2022 14:07
 Operator : KP/MD
 Sample : N4751-03
 Misc : 9.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-3

Quant Time: Sep 28 01:25:28 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	192784	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	321433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	282788	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	118228	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99287	53.845	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.700%
35) Dibromofluoromethane	7.716	113	100493	48.988	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.980%
50) Toluene-d8	10.179	98	320147	42.713	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	85.420%
62) 4-Bromofluorobenzene	12.477	95	102136	35.517	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	71.040%

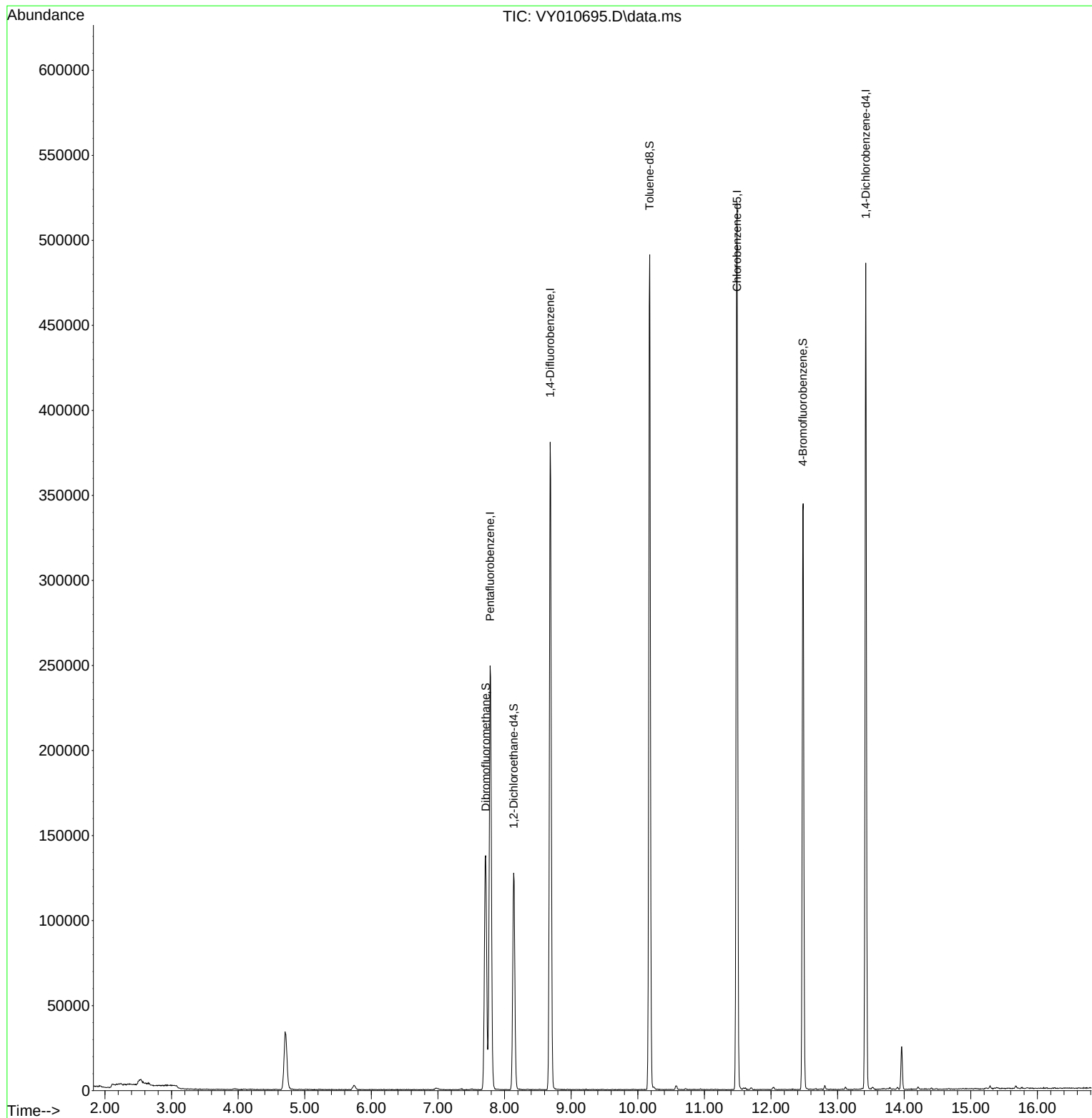
Target Compounds	Qvalue

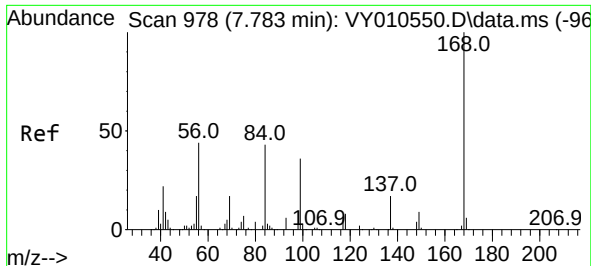
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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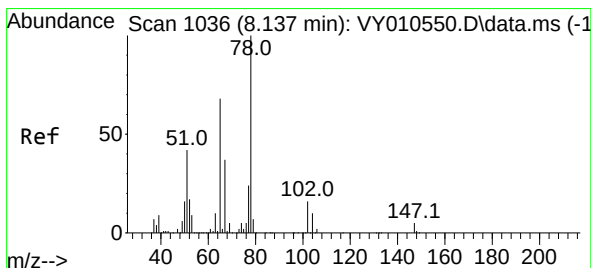
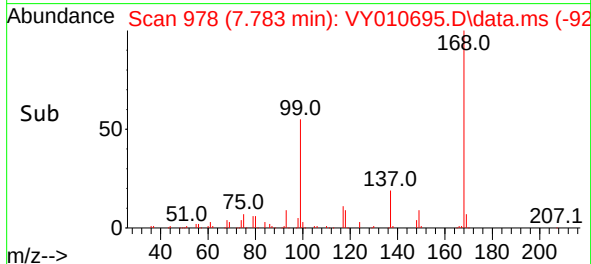
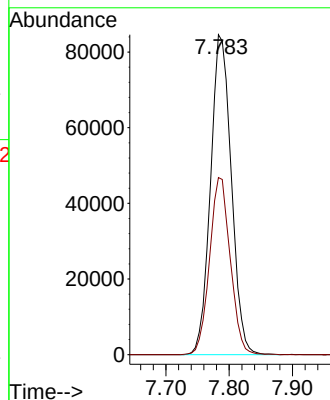
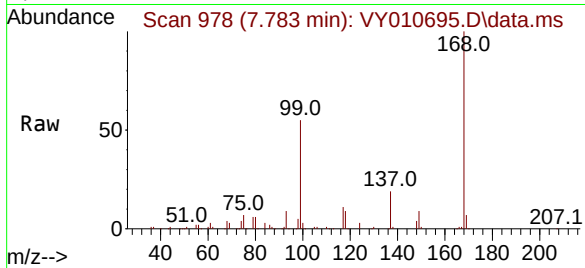




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010695.D
Acq: 27 Sep 2022 14:07

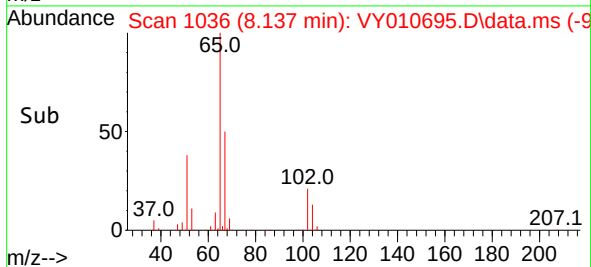
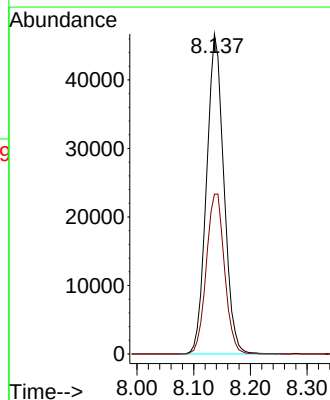
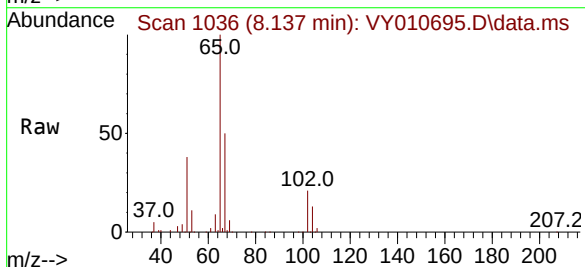
Instrument :
MSVOA_Y
ClientSampleId :
PE-3

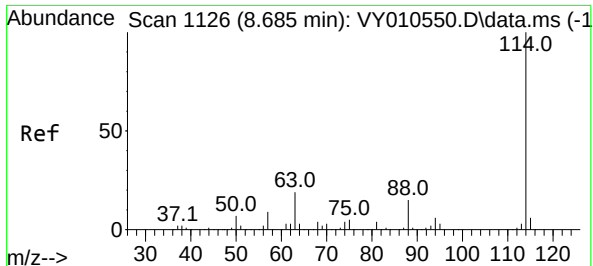
Tgt Ion:168 Resp: 192784
Ion Ratio Lower Upper
168 100
99 55.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.845 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY010695.D
Acq: 27 Sep 2022 14:07

Tgt Ion: 65 Resp: 99287
Ion Ratio Lower Upper
65 100
67 52.5 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: VY010695.D

Acq: 27 Sep 2022 14:07

Instrument :

MSVOA_Y

ClientSampleId :

PE-3

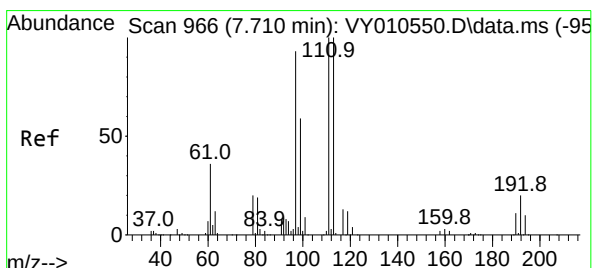
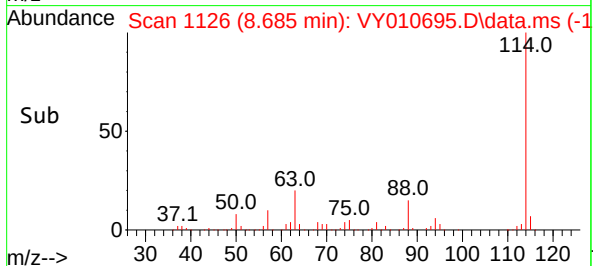
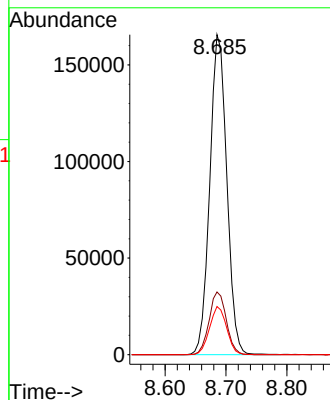
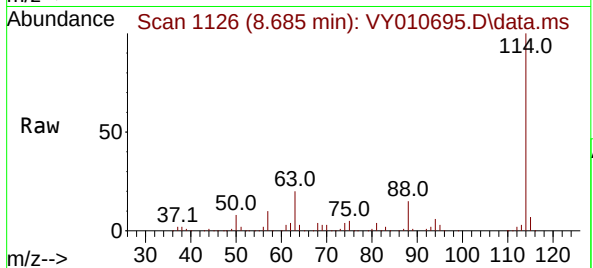
Tgt Ion:114 Resp: 321433

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.988 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010695.D

Acq: 27 Sep 2022 14:07

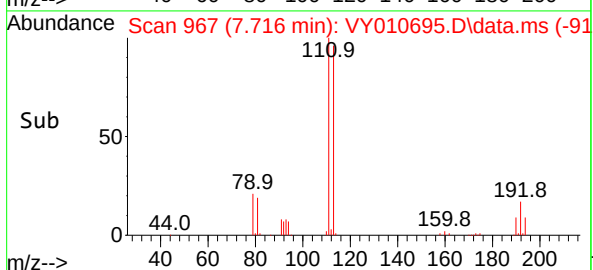
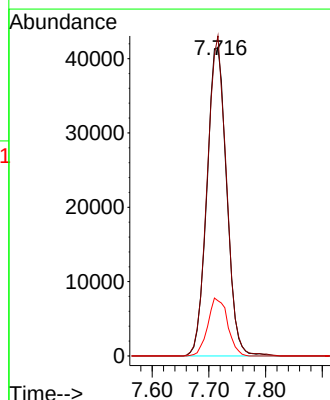
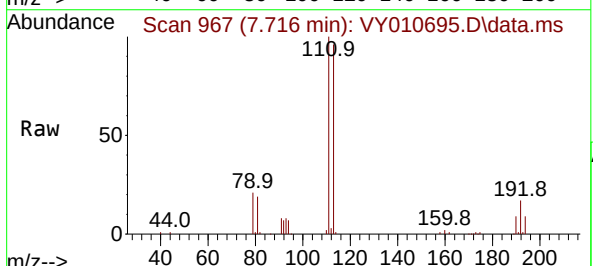
Tgt Ion:113 Resp: 100493

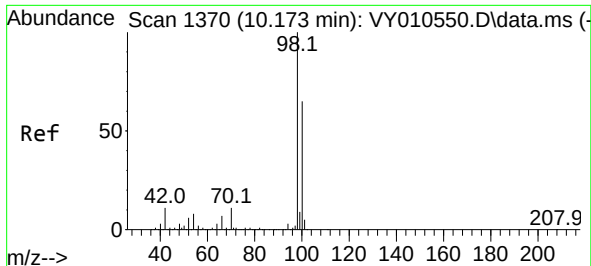
Ion Ratio Lower Upper

113 100

111 100.8 82.6 124.0

192 18.8 17.6 26.4

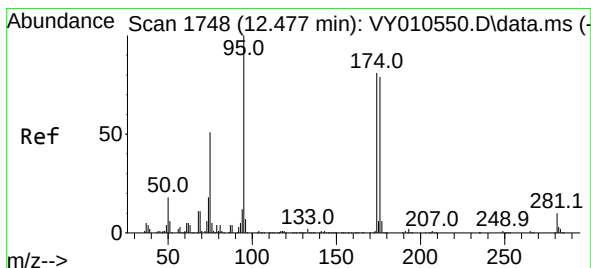
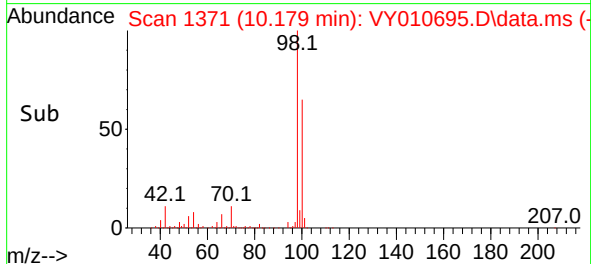
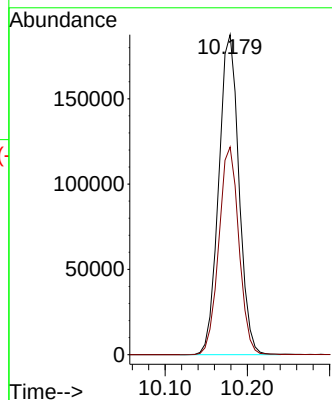
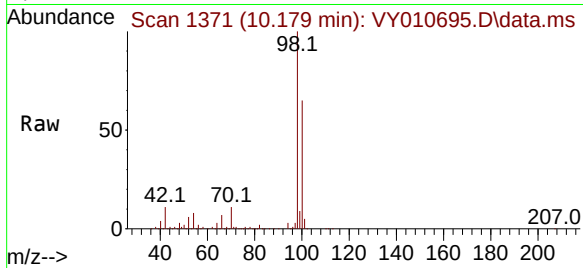




#50
Toluene-d8
Concen: 42.713 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010695.D
Acq: 27 Sep 2022 14:07

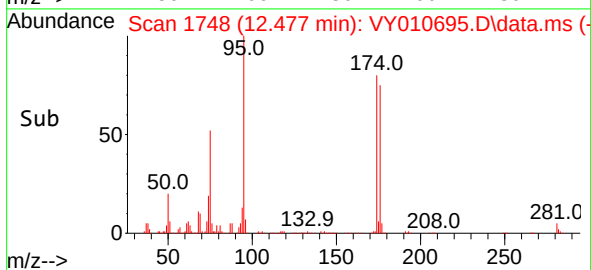
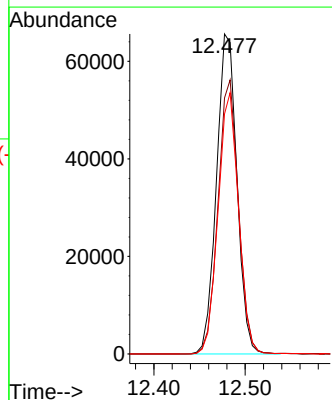
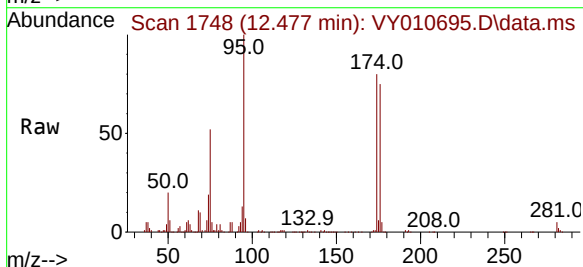
Instrument :
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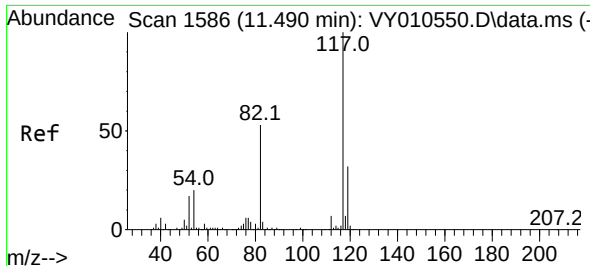
Tgt Ion: 98 Resp: 320147
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.517 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010695.D
Acq: 27 Sep 2022 14:07

Tgt Ion: 95 Resp: 102136
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 81.7 0.0 175.8

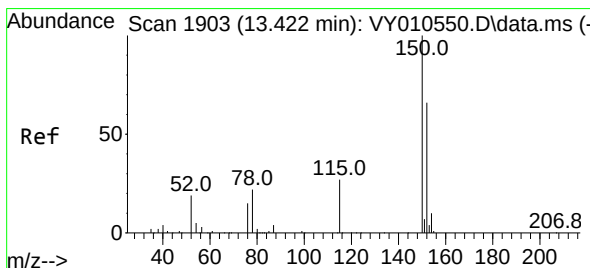
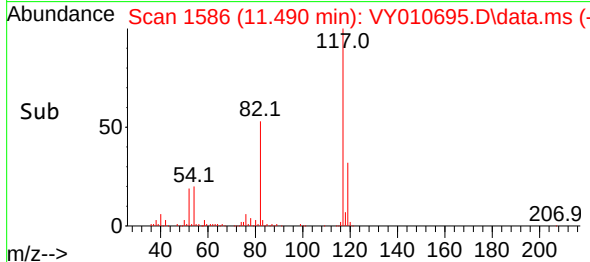
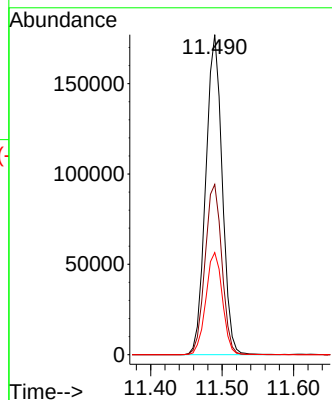
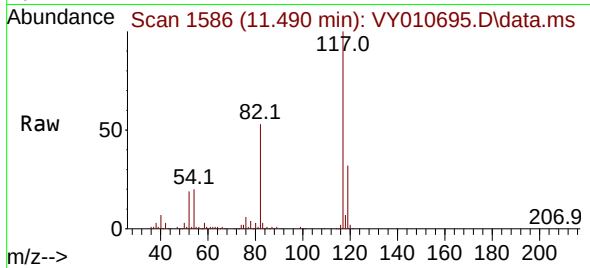




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010695.D
Acq: 27 Sep 2022 14:07

Instrument :
MSVOA_Y
ClientSampleId :
PE-3

Tgt Ion:117 Resp: 282788
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.9 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: VY010695.D
Acq: 27 Sep 2022 14:07

Tgt Ion:152 Resp: 118228
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.8 0.0 347.6

