

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010110.D
 Acq On : 19 Aug 2022 17:52
 Operator : KP/MD
 Sample : N4200-07
 Misc : 11.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S12

Quant Time: Aug 22 02:43:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	126653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	241104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	278602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115131	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	86316	83.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.400%#
35) Dibromofluoromethane	7.710	113	80738	59.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.860%
50) Toluene-d8	10.179	98	293789	57.711	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	115.420%
62) 4-Bromofluorobenzene	12.477	95	108394	59.594	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	119.180%

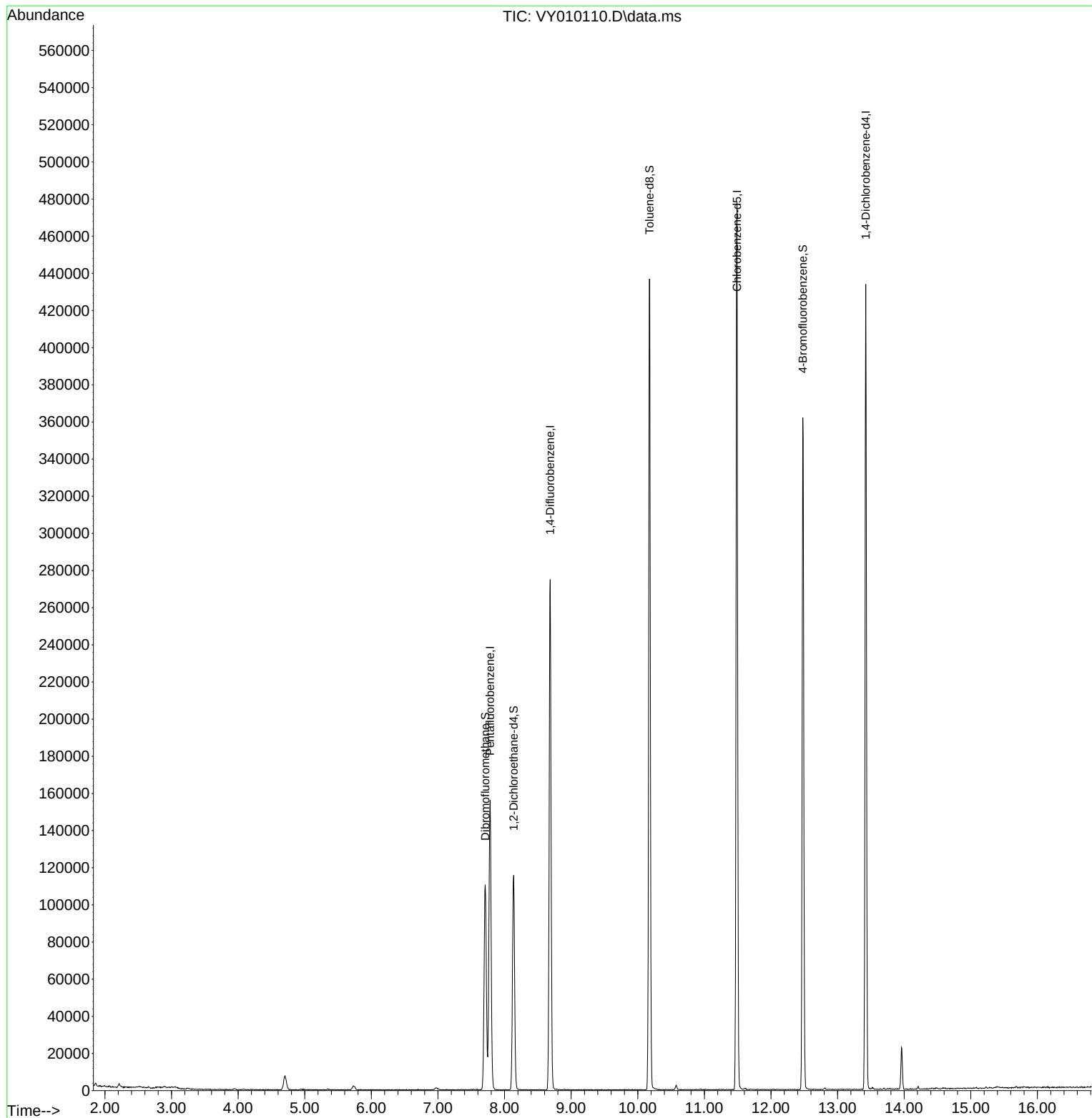
Target Compounds	Qvalue

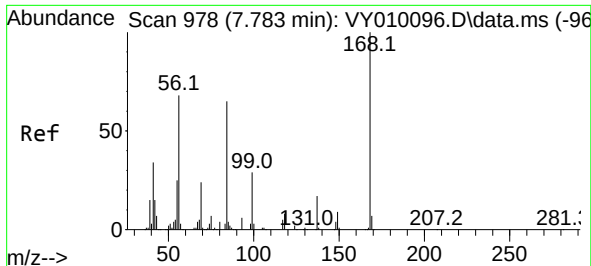
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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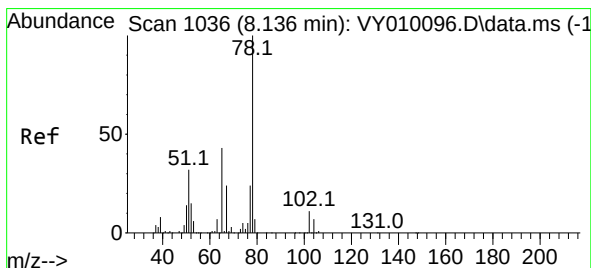
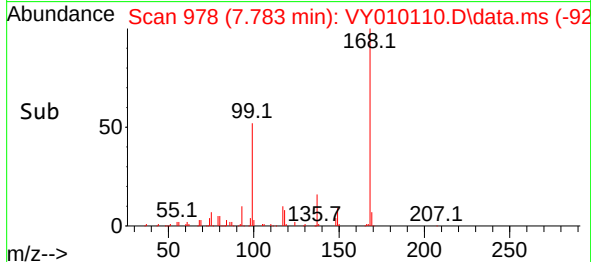
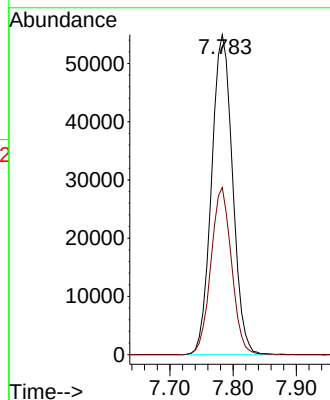
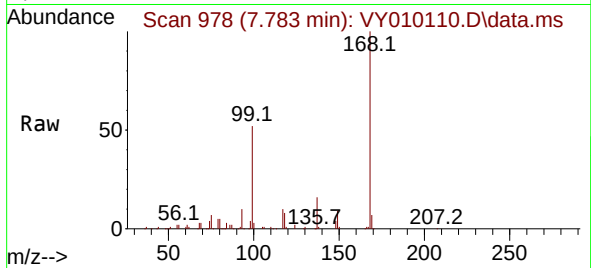




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010110.D
Acq: 19 Aug 2022 17:52

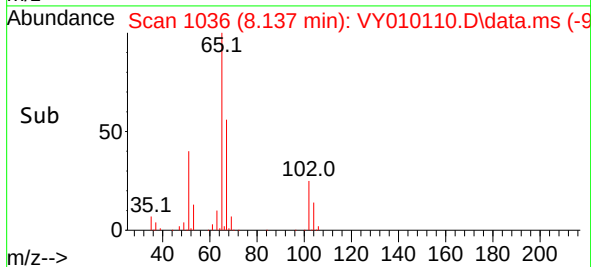
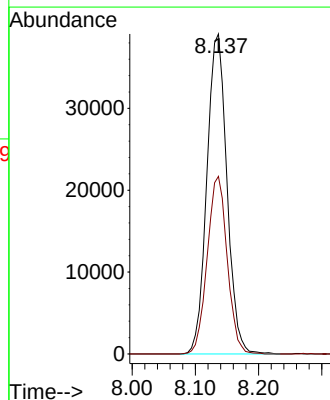
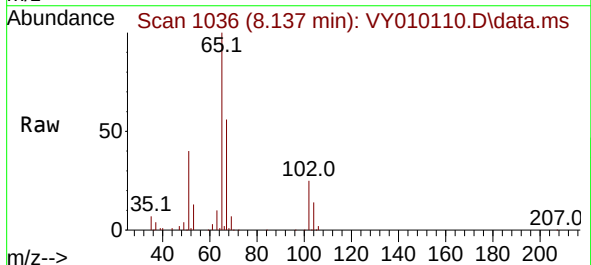
Instrument :
MSVOA_Y
ClientSampleId :
S12

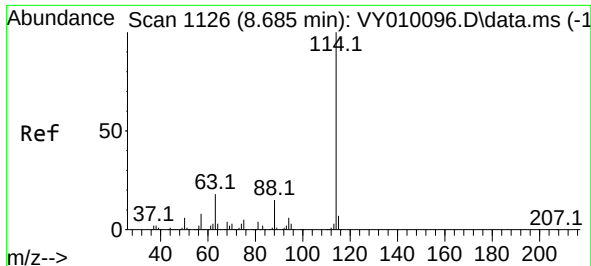
Tgt Ion:168 Resp: 126653
Ion Ratio Lower Upper
168 100
99 52.2 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 83.204 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010110.D
Acq: 19 Aug 2022 17:52

Tgt Ion: 65 Resp: 86316
Ion Ratio Lower Upper
65 100
67 55.2 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010110.D

Acq: 19 Aug 2022 17:52

Instrument :

MSVOA_Y

ClientSampleId :

S12

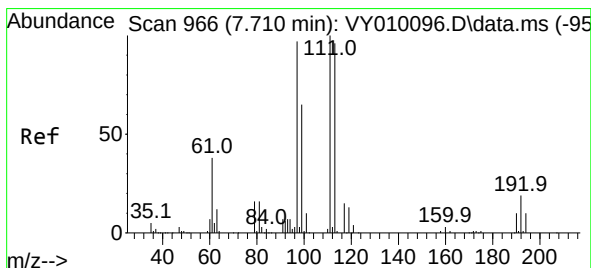
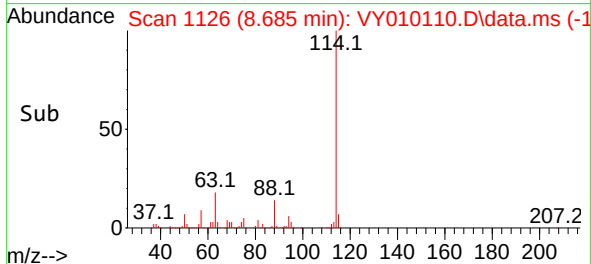
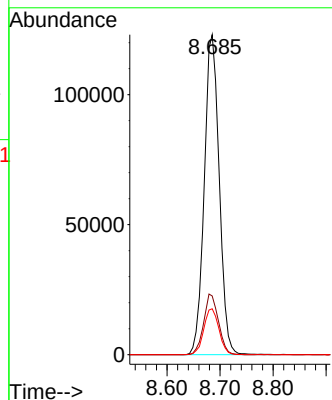
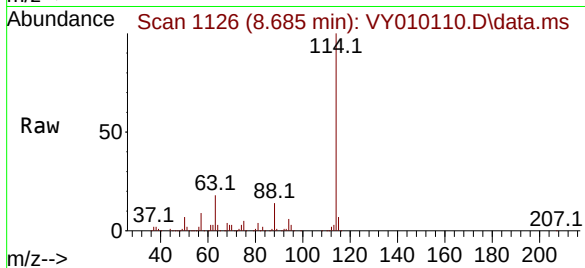
Tgt Ion:114 Resp: 241104

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.6

88 14.4 0.0 29.6



#35

Dibromofluoromethane

Concen: 59.428 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY010110.D

Acq: 19 Aug 2022 17:52

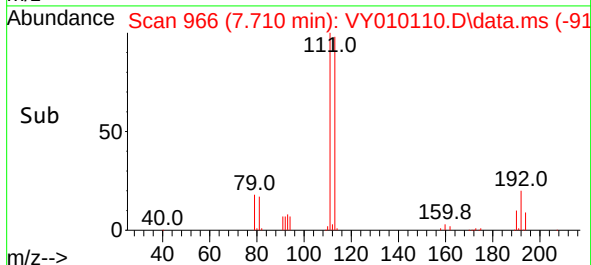
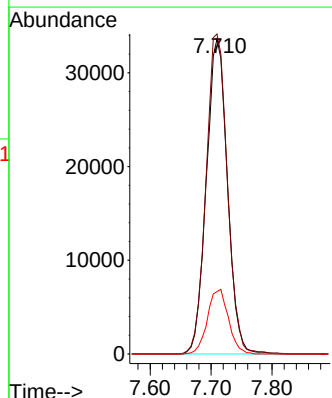
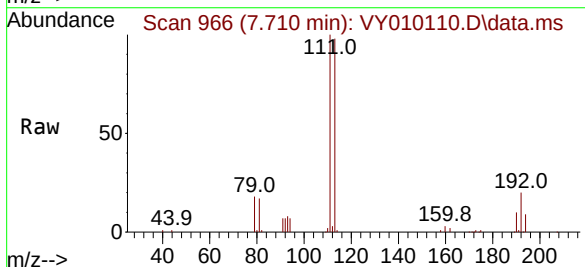
Tgt Ion:113 Resp: 80738

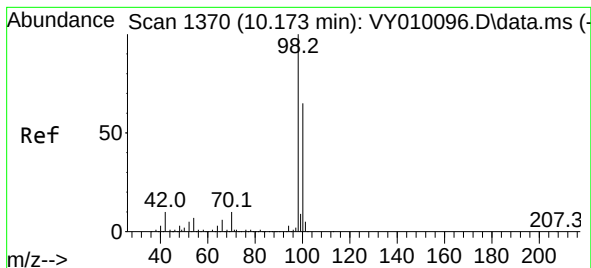
Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 20.4 16.3 24.5

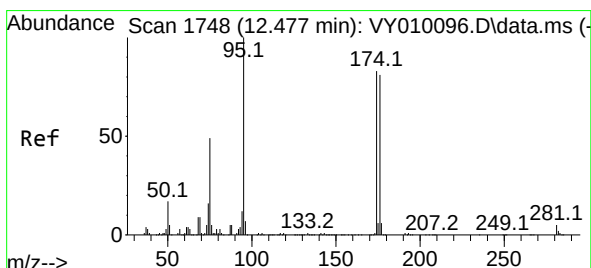
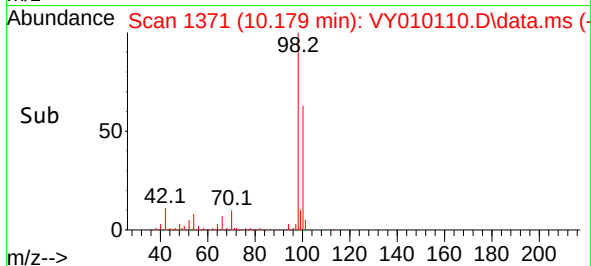
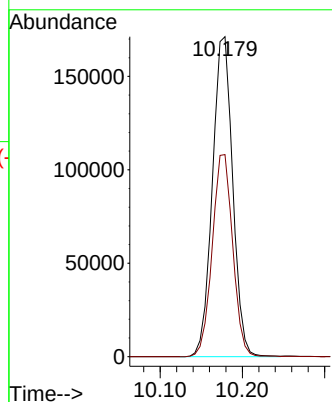
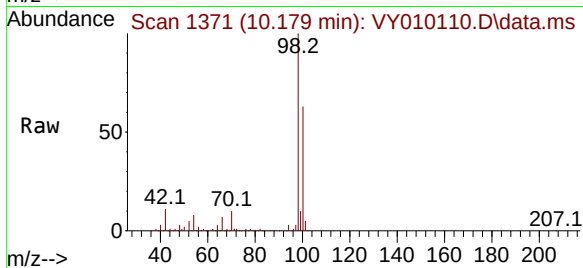




#50
Toluene-d8
Concen: 57.711 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010110.D
Acq: 19 Aug 2022 17:52

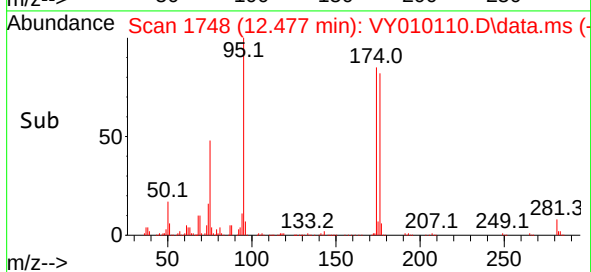
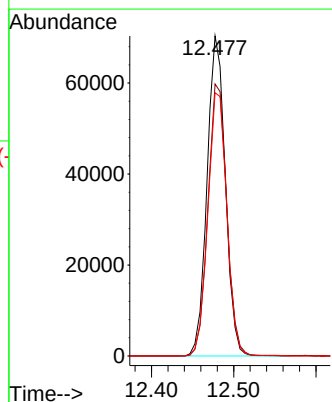
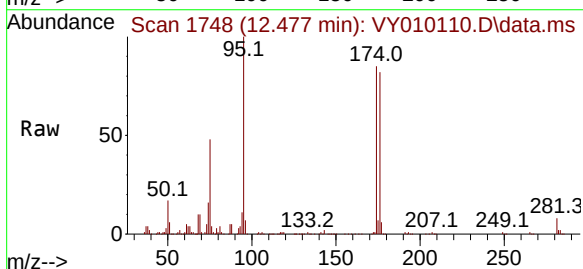
Instrument :
MSVOA_Y
ClientSampleId :
S12

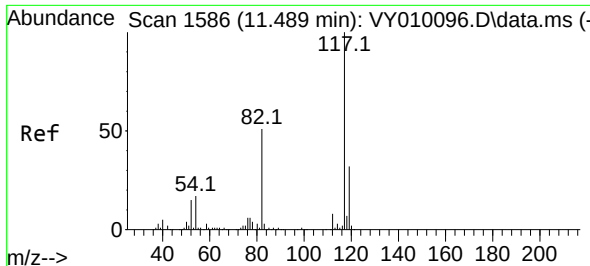
Tgt Ion: 98 Resp: 293789
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 59.594 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010110.D
Acq: 19 Aug 2022 17:52

Tgt Ion: 95 Resp: 108394
Ion Ratio Lower Upper
95 100
174 88.1 0.0 173.8
176 85.5 0.0 167.2

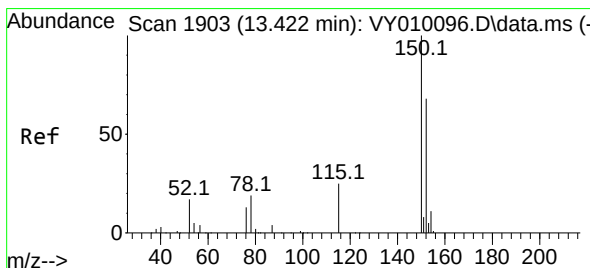
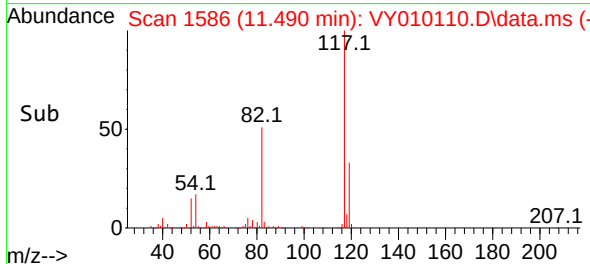
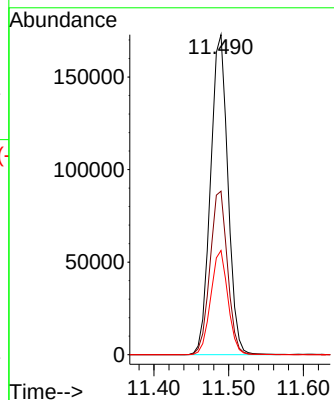
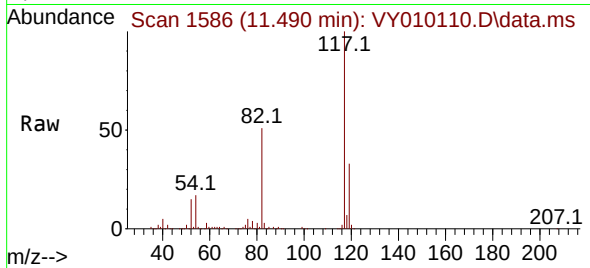




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010110.D
Acq: 19 Aug 2022 17:52

Instrument :
MSVOA_Y
ClientSampleId :
S12

Tgt Ion:117 Resp: 278602
Ion Ratio Lower Upper
117 100
82 51.1 40.6 61.0
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010110.D
Acq: 19 Aug 2022 17:52

Tgt Ion:152 Resp: 115131
Ion Ratio Lower Upper
152 100
115 55.1 28.1 84.2
150 158.0 0.0 346.2

