

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081922\
 Data File : VY010111.D
 Acq On : 19 Aug 2022 18:15
 Operator : KP/MD
 Sample : N4200-10
 Misc : 9.53g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S5

Quant Time: Aug 22 02:44:00 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	146952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	278510	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	271214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	127043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	84072	69.846	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.700%
35) Dibromofluoromethane	7.710	113	80432	51.252	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.500%
50) Toluene-d8	10.179	98	296911	50.491	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.477	95	89677	42.682	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.360%

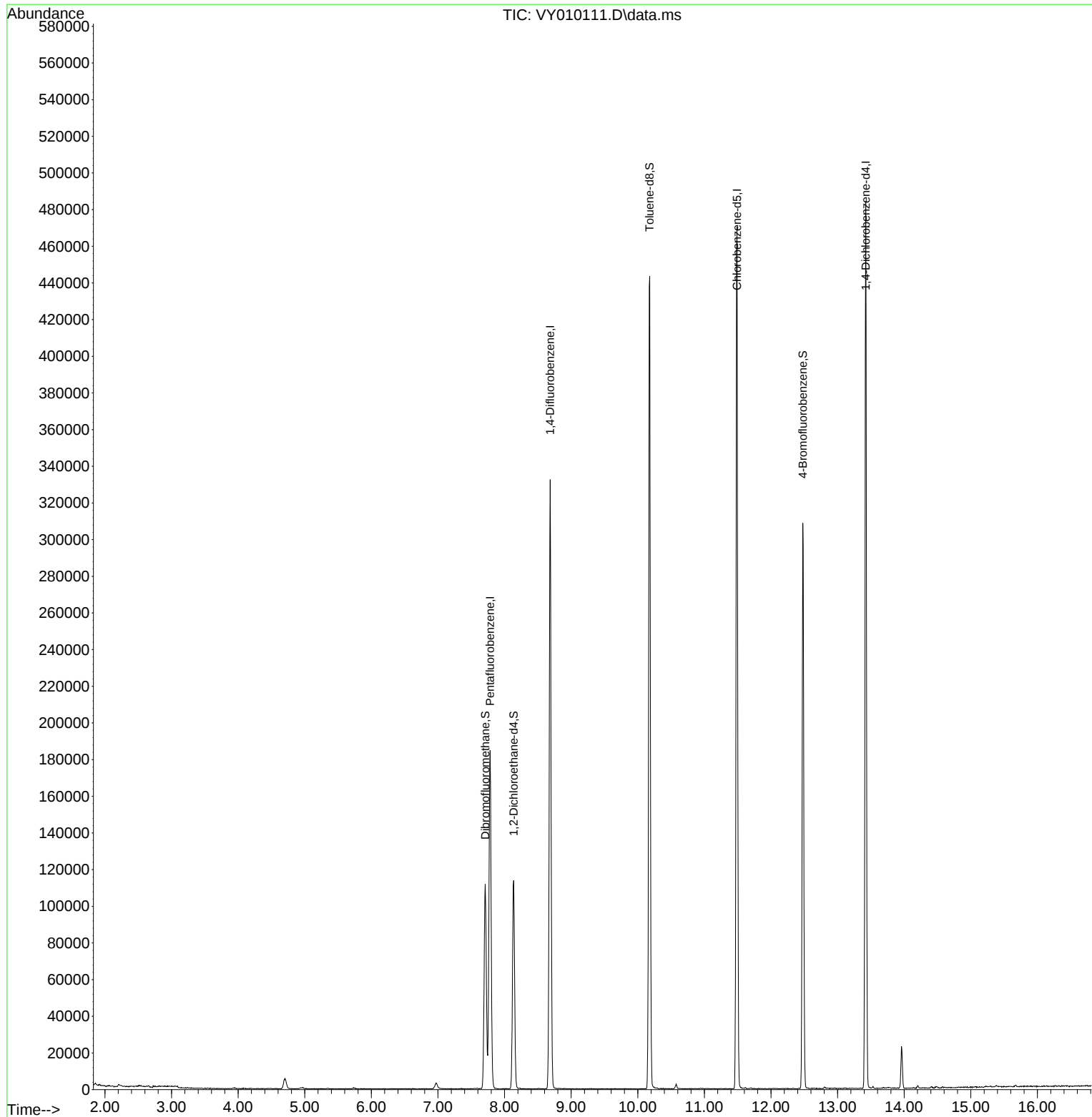
Target Compounds	Qvalue

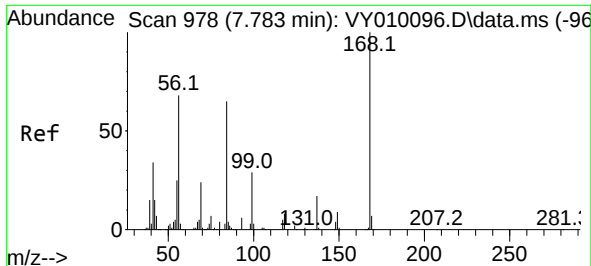
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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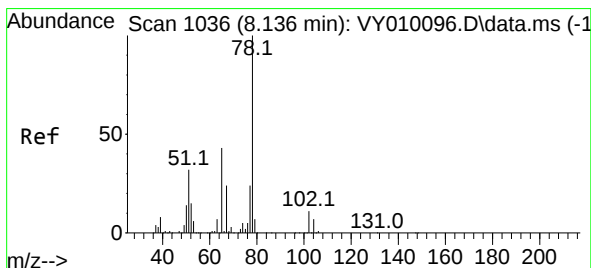
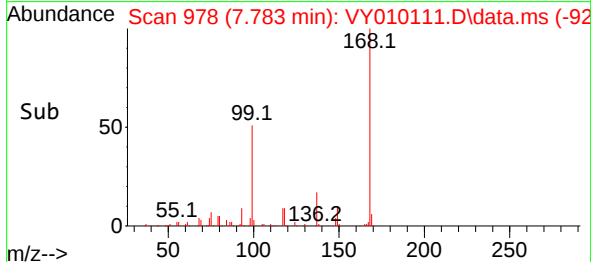
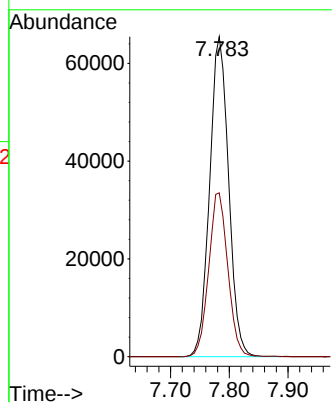
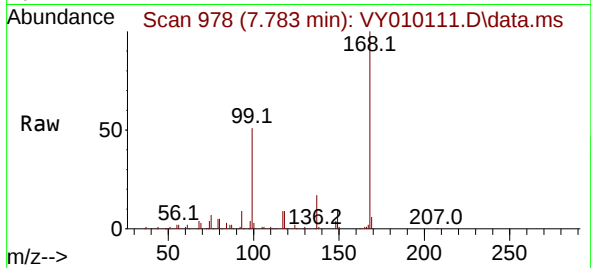




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010111.D
Acq: 19 Aug 2022 18:15

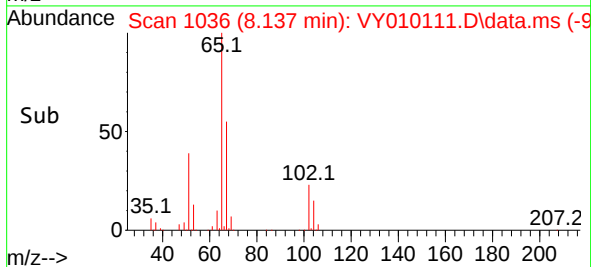
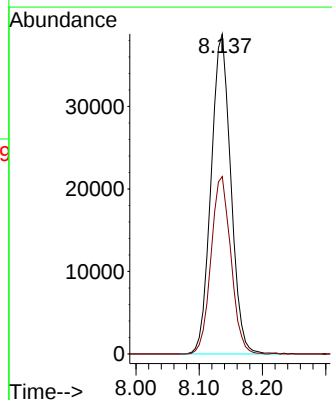
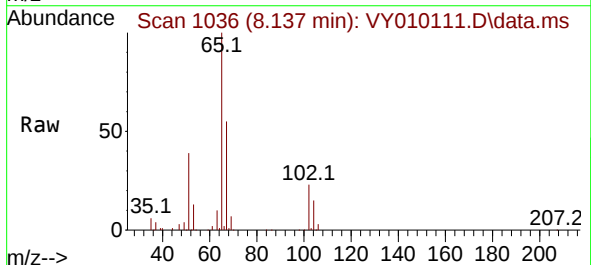
Instrument :
MSVOA_Y
ClientSampleId :
S5

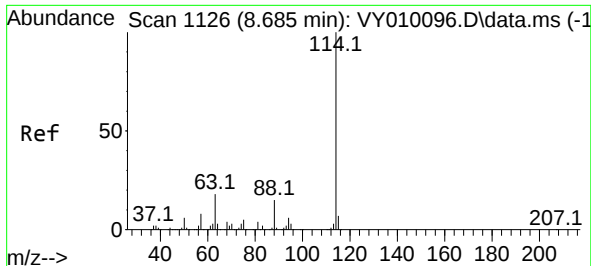
Tgt Ion:168 Resp: 146952
Ion Ratio Lower Upper
168 100
99 51.2 40.7 61.1



#33
1,2-Dichloroethane-d4
Concen: 69.846 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY010111.D
Acq: 19 Aug 2022 18:15

Tgt Ion: 65 Resp: 84072
Ion Ratio Lower Upper
65 100
67 55.7 0.0 110.6

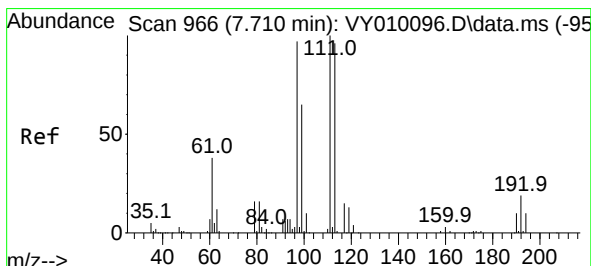
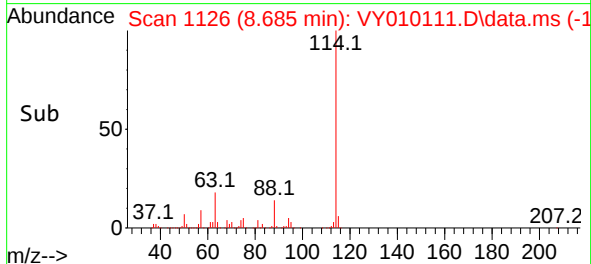
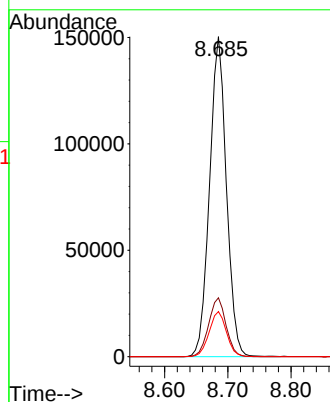
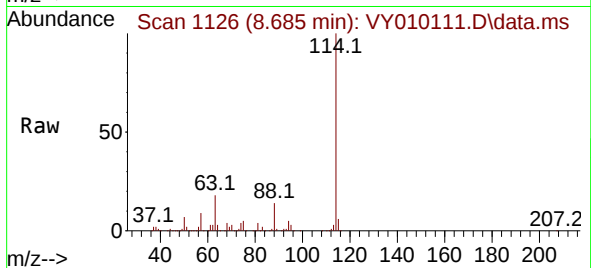




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010111.D
Acq: 19 Aug 2022 18:15

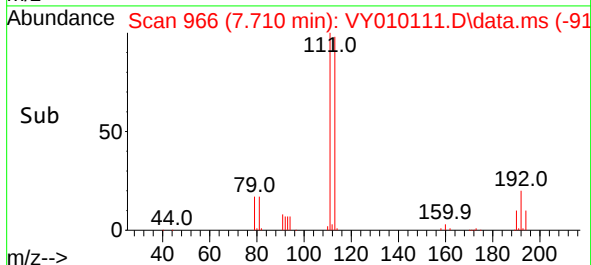
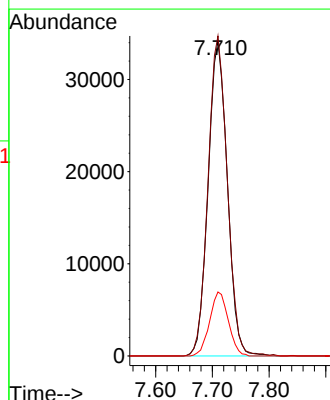
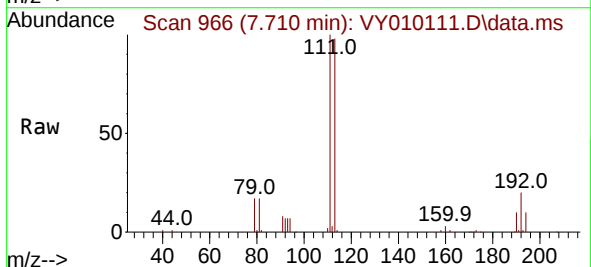
Instrument :
MSVOA_Y
ClientSampleId :
S5

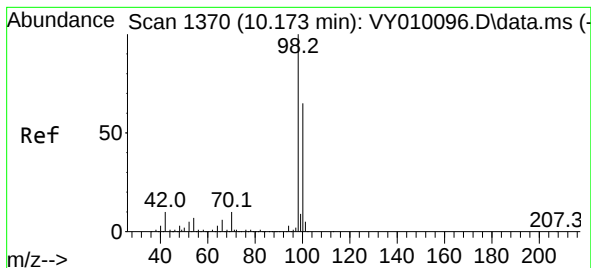
Tgt Ion:114 Resp: 278510
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.6
88 14.1 0.0 29.6



#35
Dibromofluoromethane
Concen: 51.252 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY010111.D
Acq: 19 Aug 2022 18:15

Tgt Ion:113 Resp: 80432
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.8 16.3 24.5





#50

Toluene-d8

Concen: 50.491 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010111.D

Acq: 19 Aug 2022 18:15

Instrument :

MSVOA_Y

ClientSampleId :

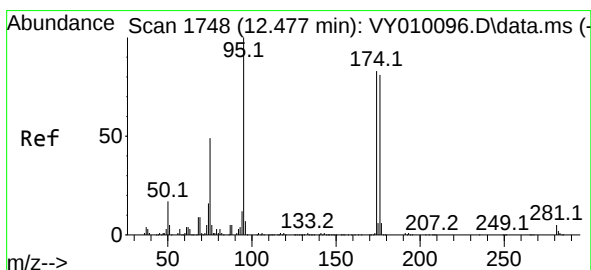
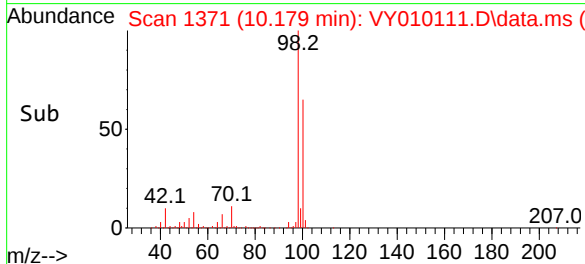
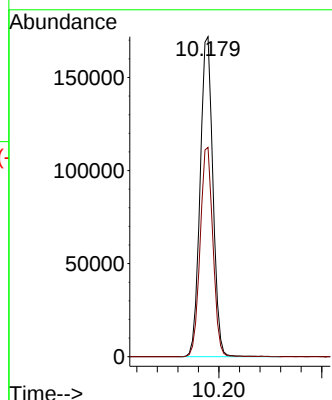
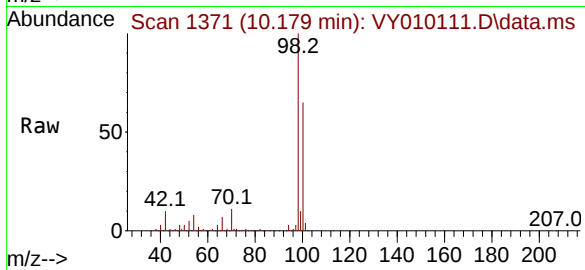
S5

Tgt Ion: 98 Resp: 296911

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 42.682 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY010111.D

Acq: 19 Aug 2022 18:15

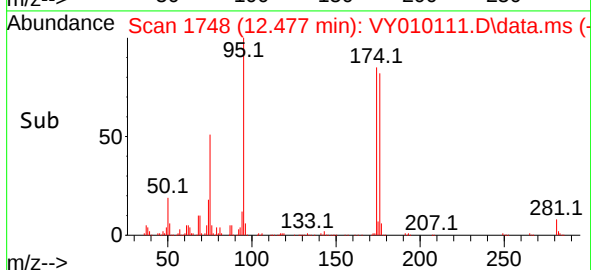
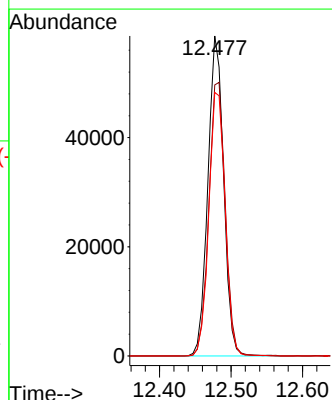
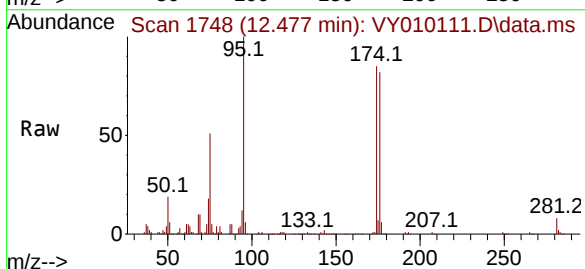
Tgt Ion: 95 Resp: 89677

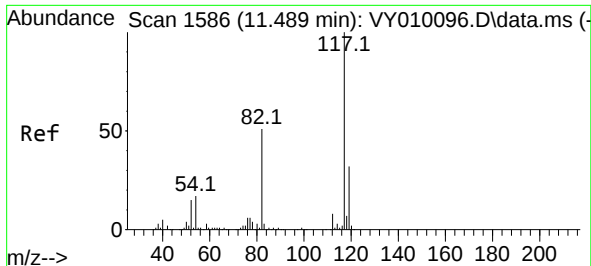
Ion Ratio Lower Upper

95 100

174 89.2 0.0 173.8

176 85.5 0.0 167.2

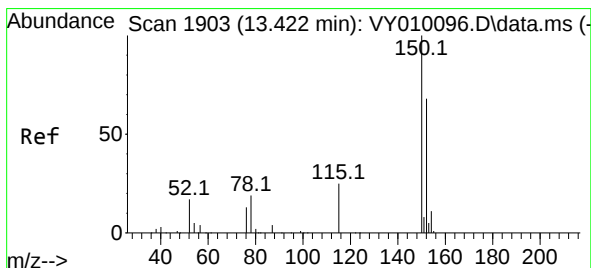
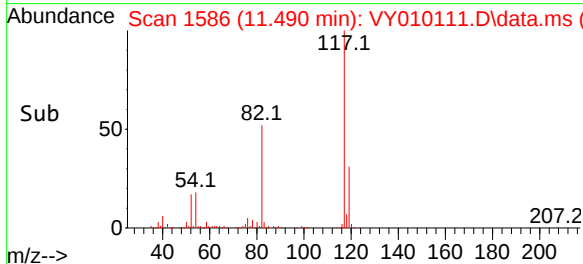
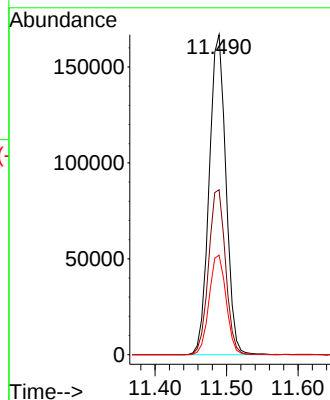
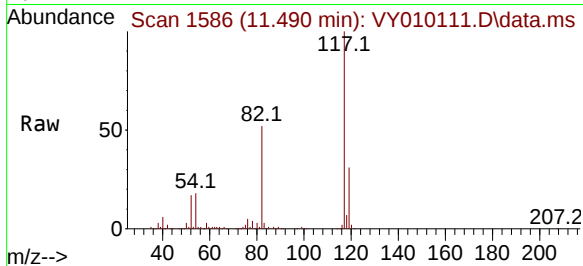




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010111.D
Acq: 19 Aug 2022 18:15

Instrument :
MSVOA_Y
ClientSampleId :
S5

Tgt Ion:117 Resp: 271214
Ion Ratio Lower Upper
117 100
82 51.5 40.6 61.0
119 31.1 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: VY010111.D
Acq: 19 Aug 2022 18:15

Tgt Ion:152 Resp: 127043
Ion Ratio Lower Upper
152 100
115 56.4 28.1 84.2
150 156.2 0.0 346.2

