

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030822\
 Data File : VY007780.D
 Acq On : 08 Mar 2022 15:18
 Operator : SY/MD
 Sample : N1830-07
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 350

Quant Time: Mar 09 00:27:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	255206	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	417860	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	382878	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	147724	55.291	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.722	113	140751	52.686	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.380%
50) Toluene-d8	10.179	98	500184	50.863	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.720%
62) 4-Bromofluorobenzene	12.483	95	147824	46.633	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.260%

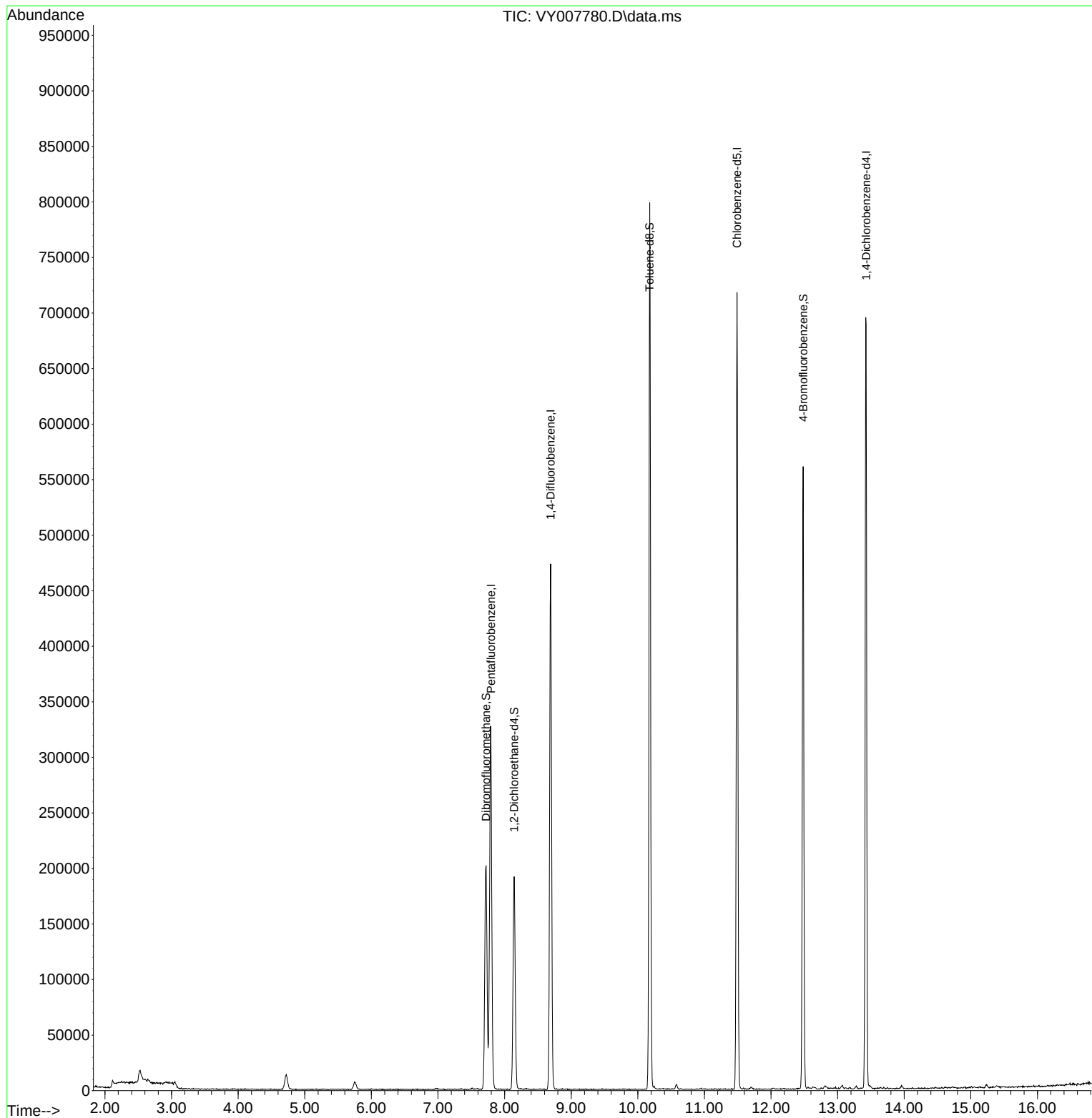
Target Compounds	Qvalue

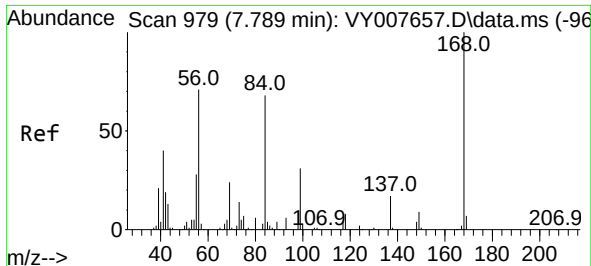
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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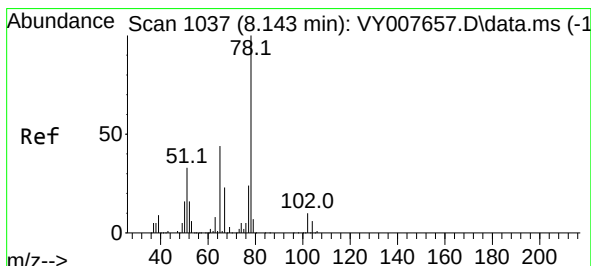
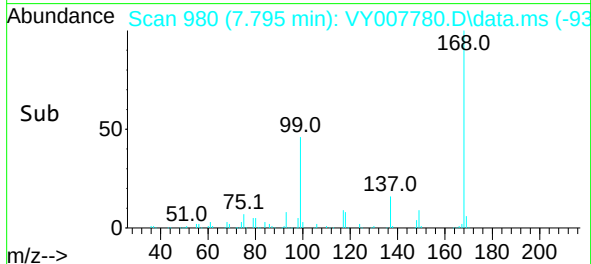
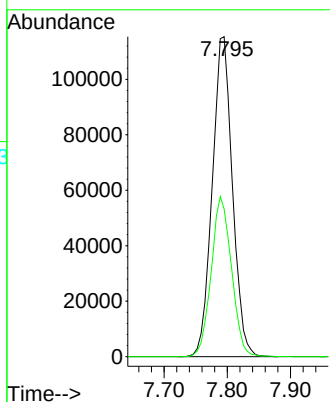
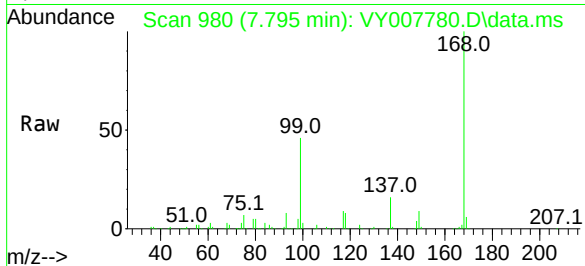




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007780.D
Acq: 08 Mar 2022 15:18

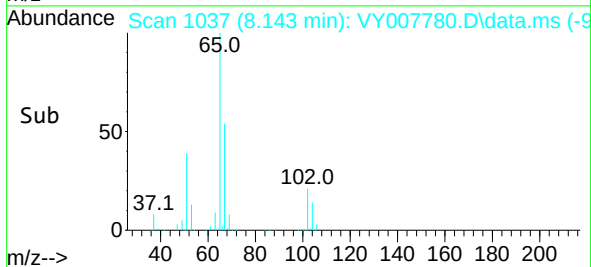
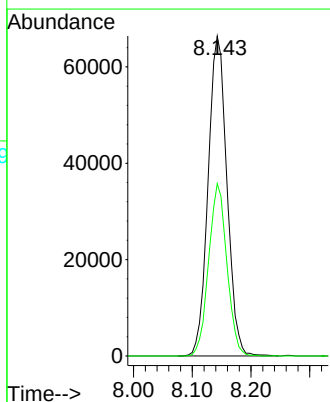
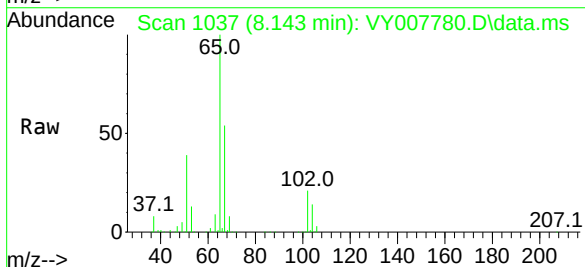
Instrument :
MSVOA_Y
ClientSampleId :
350

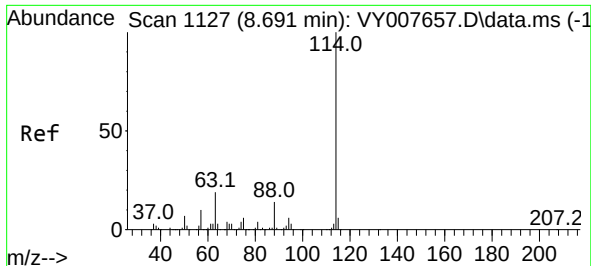
Tgt Ion:168 Resp: 255206
Ion Ratio Lower Upper
168 100
99 46.1 46.9 70.3#



#33
1,2-Dichloroethane-d4
Concen: 55.291 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007780.D
Acq: 08 Mar 2022 15:18

Tgt Ion: 65 Resp: 147724
Ion Ratio Lower Upper
65 100
67 52.2 0.0 99.4

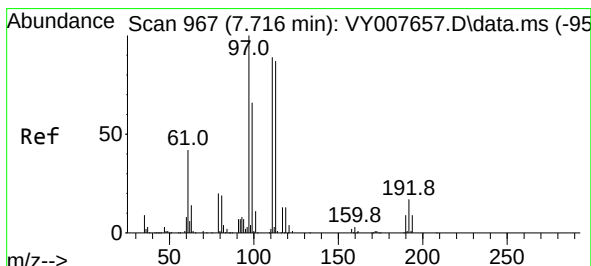
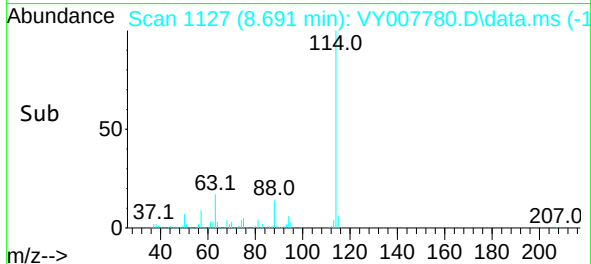
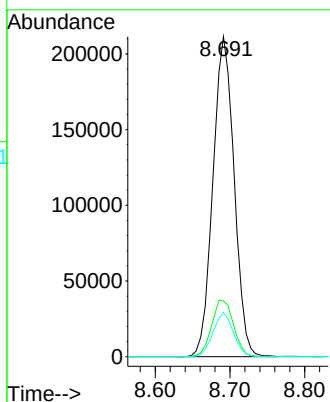
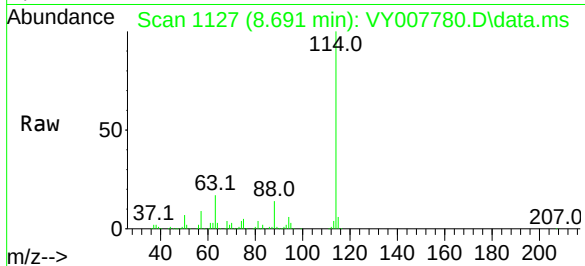




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007780.D
 Acq: 08 Mar 2022 15:18

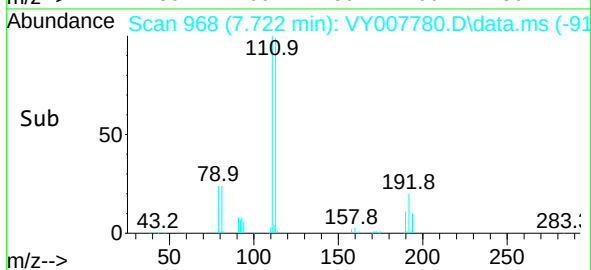
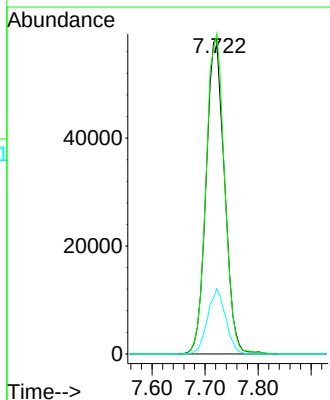
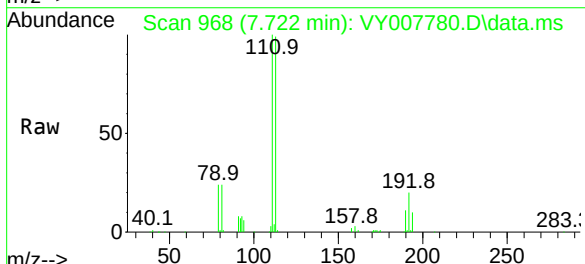
Instrument :
 MSVOA_Y
 ClientSampleId :
 350

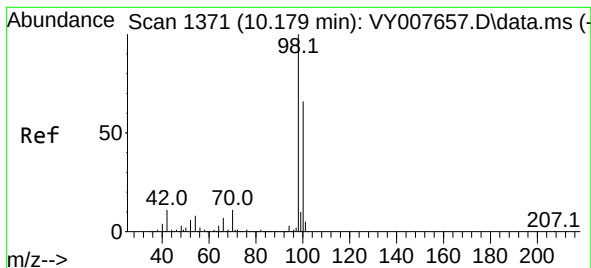
Tgt Ion:114 Resp: 417860
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 43.2
 88 13.7 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 52.686 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY007780.D
 Acq: 08 Mar 2022 15:18

Tgt Ion:113 Resp: 140751
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.6 124.0
 192 20.3 17.6 26.4

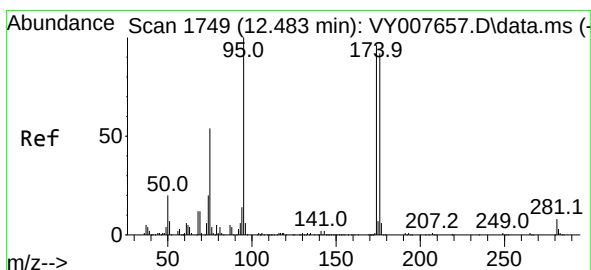
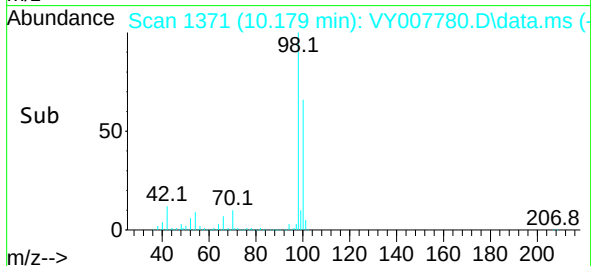
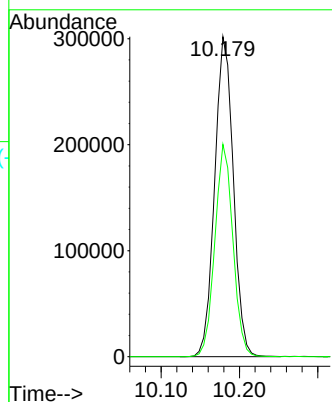
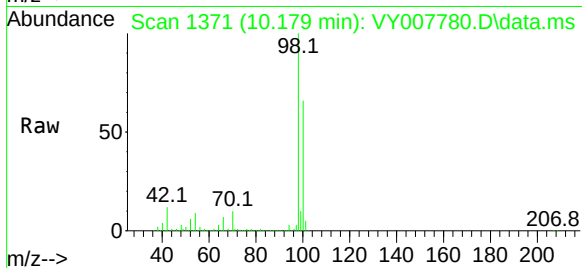




#50
Toluene-d8
Concen: 50.863 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007780.D
Acq: 08 Mar 2022 15:18

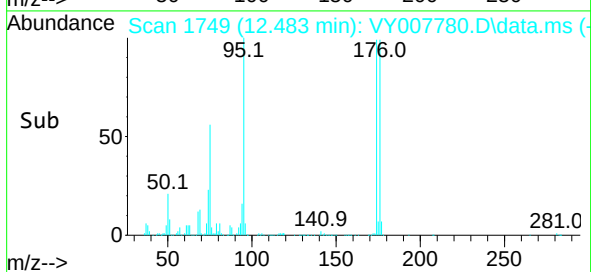
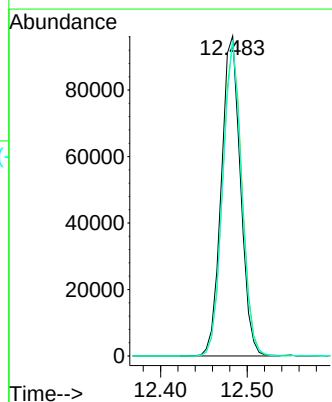
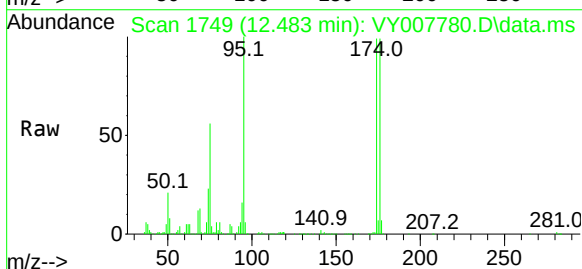
Instrument :
MSVOA_Y
ClientSampleId :
350

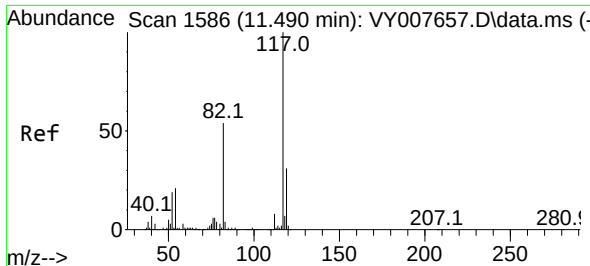
Tgt Ion: 98 Resp: 500184
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.633 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007780.D
Acq: 08 Mar 2022 15:18

Tgt Ion: 95 Resp: 147824
Ion Ratio Lower Upper
95 100
174 98.8 0.0 177.0
176 96.4 0.0 175.8

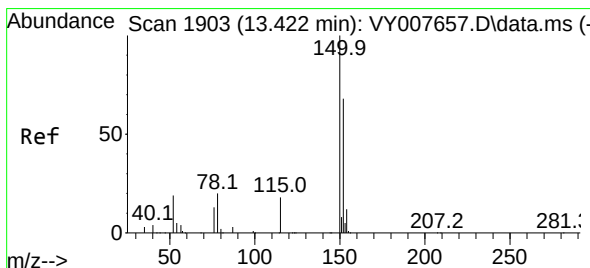
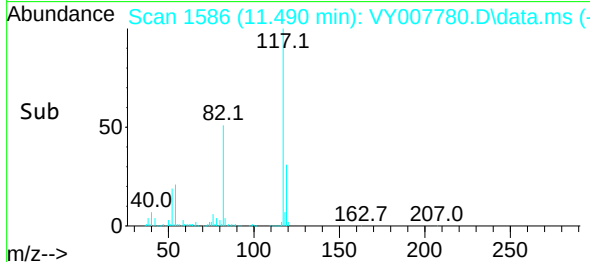
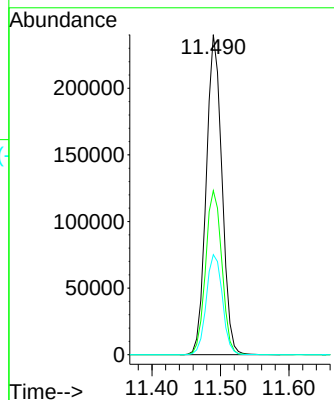
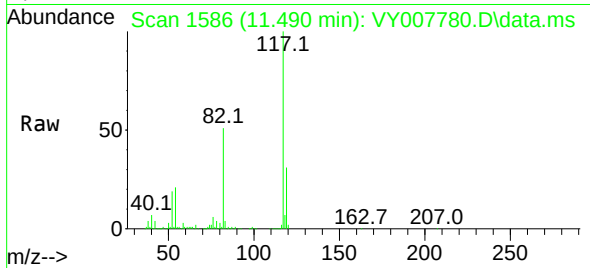




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007780.D
Acq: 08 Mar 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
350

Tgt Ion:117 Resp: 382878
Ion Ratio Lower Upper
117 100
82 51.2 43.0 64.4
119 31.2 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: VY007780.D
Acq: 08 Mar 2022 15:18

Tgt Ion:152 Resp: 177829
Ion Ratio Lower Upper
152 100
115 54.4 28.2 84.7
150 158.1 0.0 347.6

