

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006261.D
 Acq On : 01 Oct 2021 15:20
 Operator : SY/MD
 Sample : M4035-01
 Misc : 5.57G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12000

Quant Time: Oct 02 02:12:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	198392	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	182153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86226	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78656	59.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.760%
35) Dibromofluoromethane	7.722	113	57233	53.997	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.000%
50) Toluene-d8	10.185	98	242953	54.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.540%
62) 4-Bromofluorobenzene	12.483	95	82689	54.871	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.740%

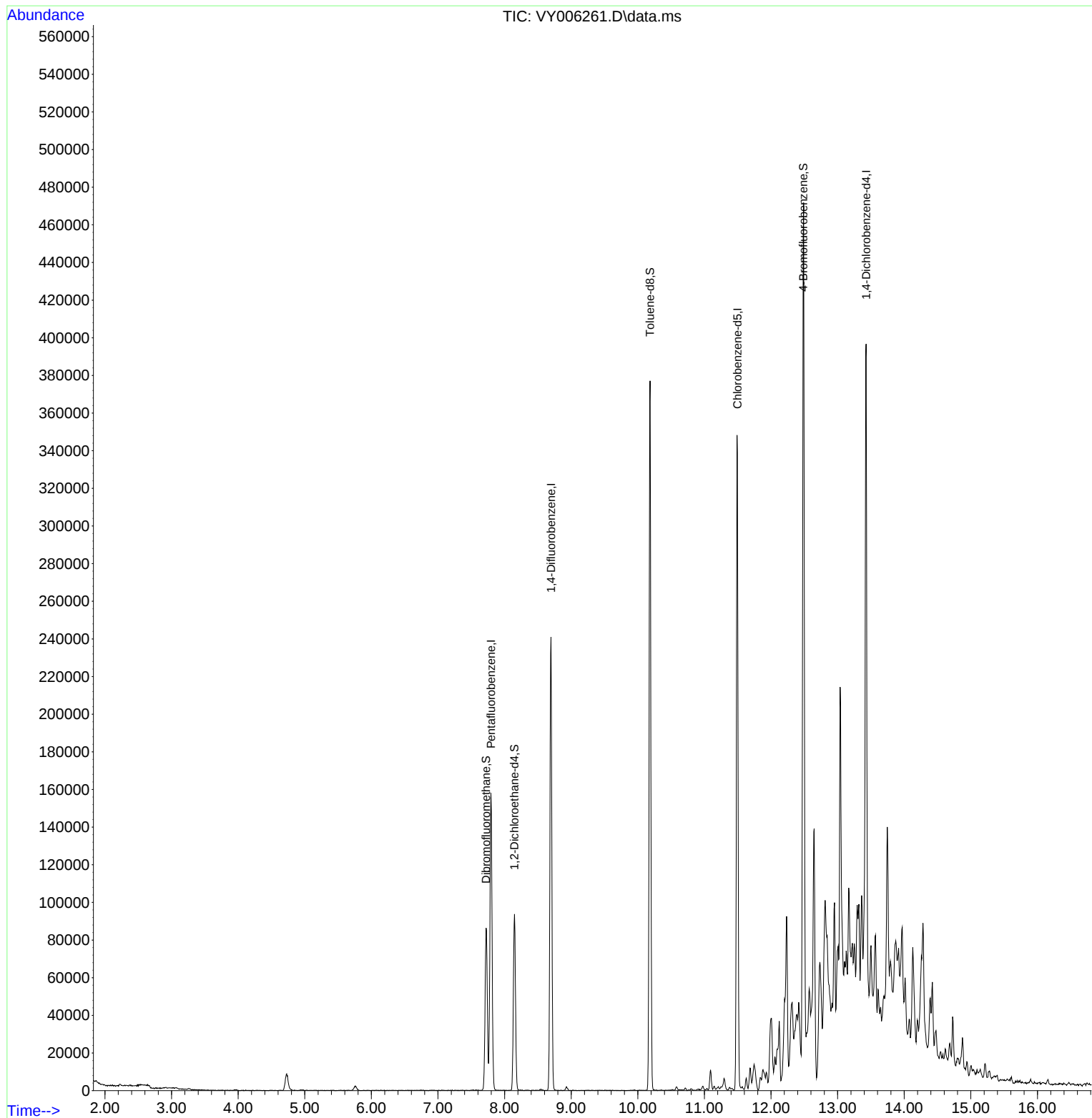
Target Compounds	Qvalue

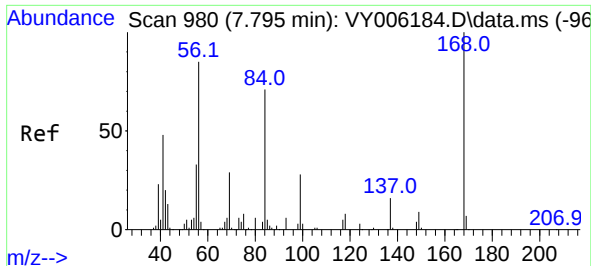
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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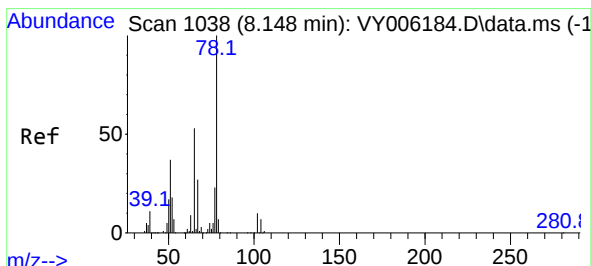
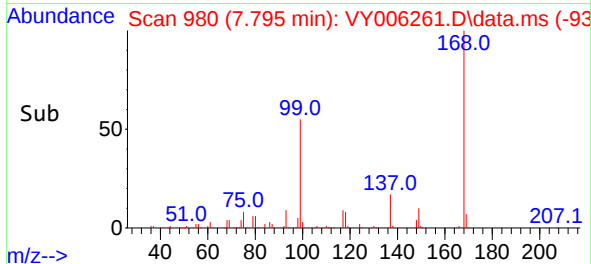
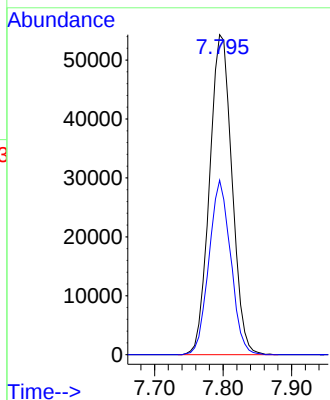
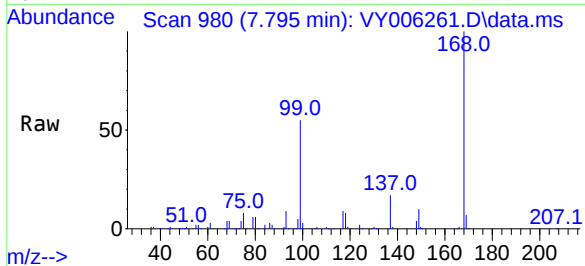




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

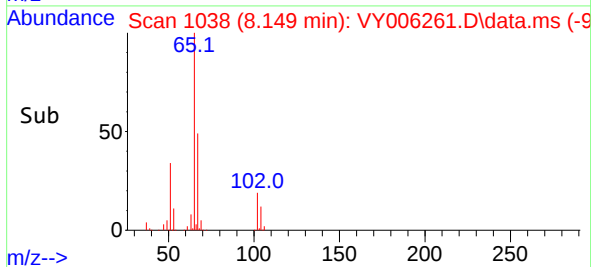
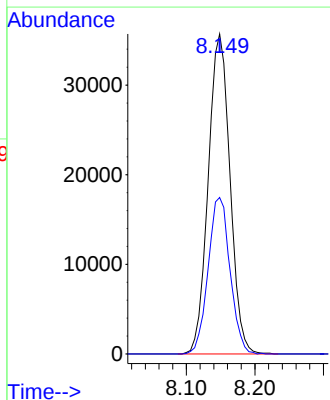
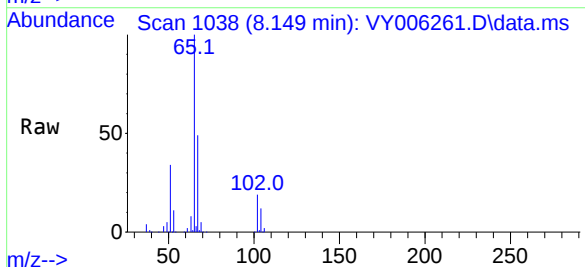
Instrument :
MSVOA_Y
ClientSampleId :
12000

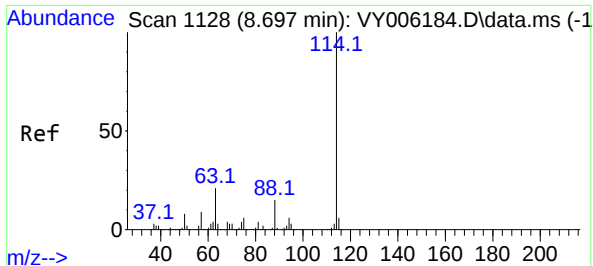
Tgt Ion:168 Resp: 123756
Ion Ratio Lower Upper
168 100
99 54.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 59.383 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 65 Resp: 78656
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

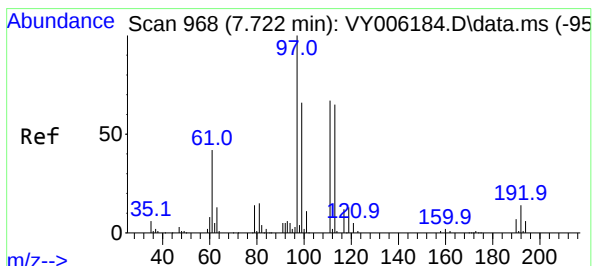
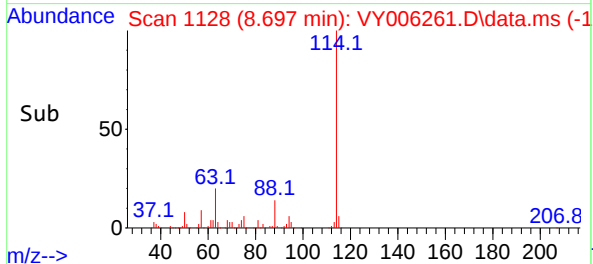
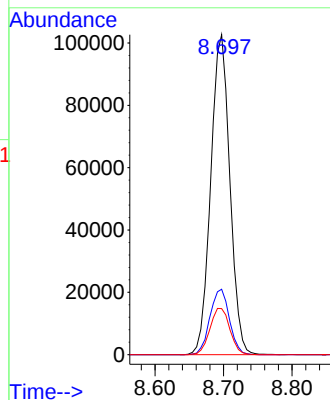
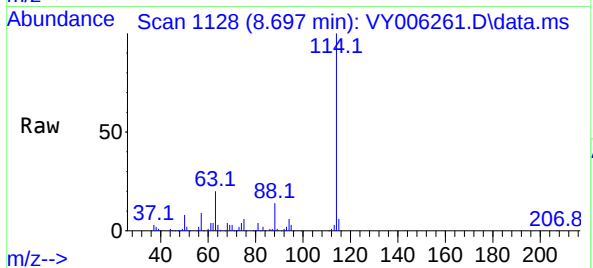
Delta R.T. 0.000 min

Lab File: VY006261.D

Acq: 01 Oct 2021 15:20

Tgt Ion:	114	Resp:	198392
Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	43.2
88	14.4	0.0	31.8

Instrument :
MSVOA_Y
ClientSampleId :
12000



#35

Dibromofluoromethane

Concen: 53.997 ug/l

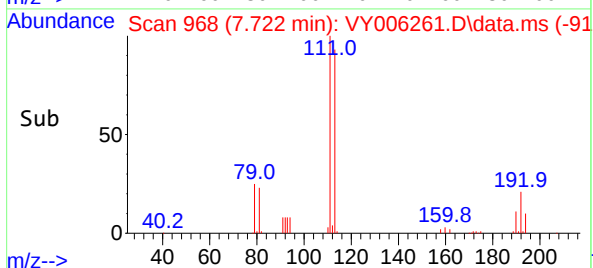
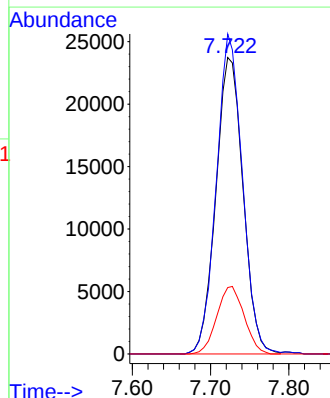
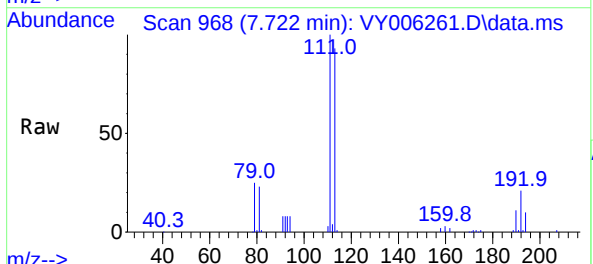
RT: 7.722 min Scan# 968

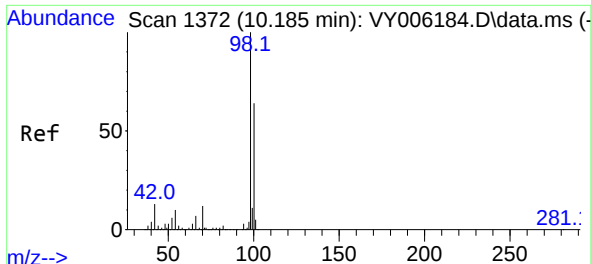
Delta R.T. 0.000 min

Lab File: VY006261.D

Acq: 01 Oct 2021 15:20

Tgt Ion:	113	Resp:	57233
Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.6	124.0
192	22.9	17.6	26.4

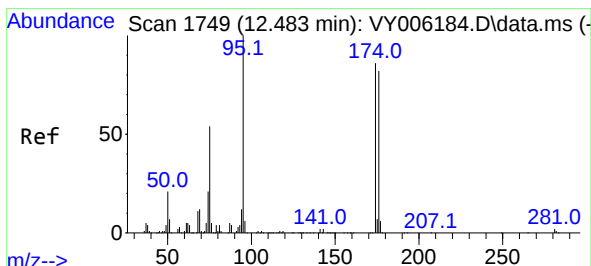
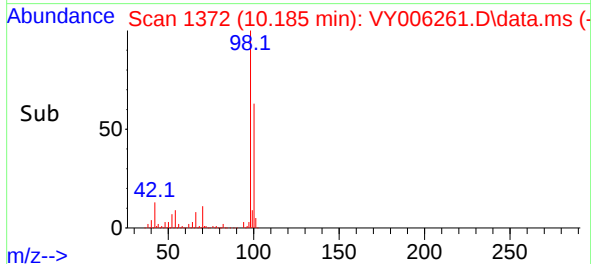
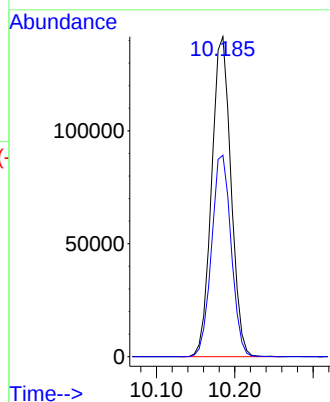
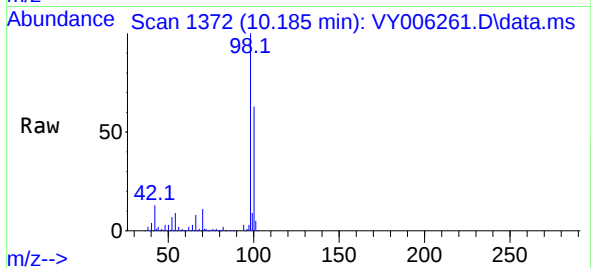




#50
Toluene-d8
Concen: 54.769 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

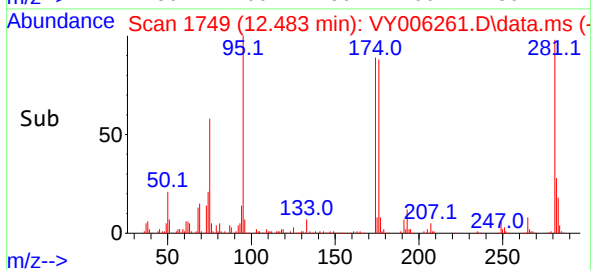
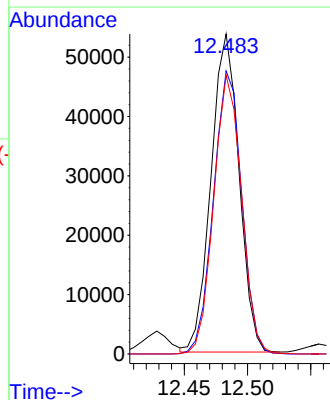
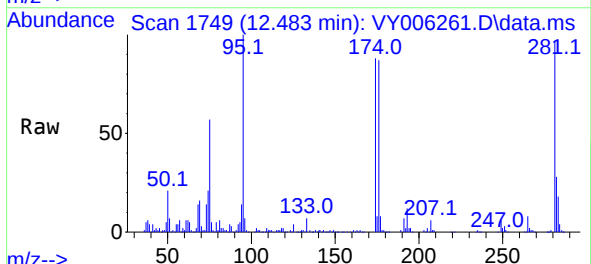
Instrument :
MSVOA_Y
ClientSampled :
12000

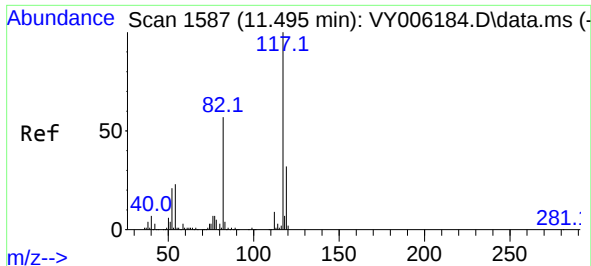
Tgt Ion: 98 Resp: 242953
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 54.871 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion: 95 Resp: 82689
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.7 0.0 175.8

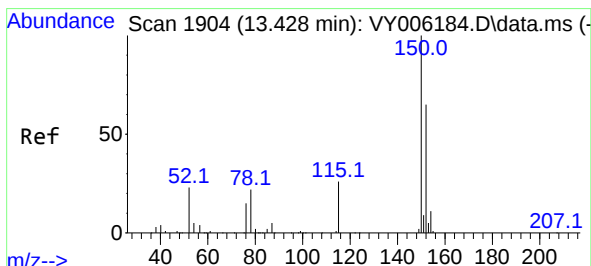
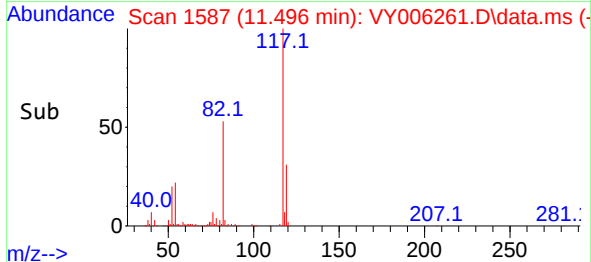
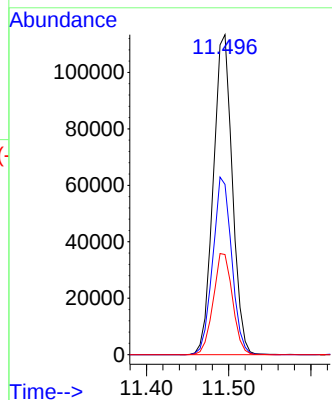
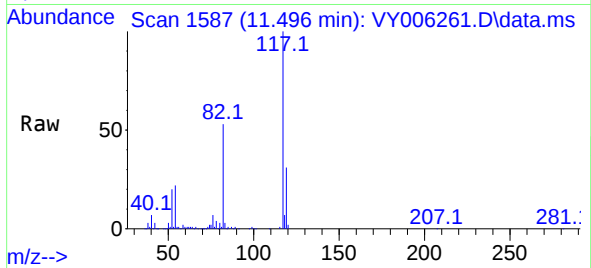




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Instrument :
MSVOA_Y
ClientSampled :
12000

Tgt Ion:117 Resp: 182153
Ion Ratio Lower Upper
117 100
82 53.2 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006261.D
Acq: 01 Oct 2021 15:20

Tgt Ion:152 Resp: 86226
Ion Ratio Lower Upper
152 100
115 54.6 28.2 84.7
150 153.7 0.0 347.6

