

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007533.D
 Acq On : 17 Feb 2022 19:21
 Operator : SY/MD
 Sample : N1580-08
 Misc : 5.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-8

Quant Time: Feb 18 07:43:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	1918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	3350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3133	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	975	46.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.080%
35) Dibromofluoromethane	7.710	113	589	27.880	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	55.760%
50) Toluene-d8	10.179	98	3674	45.788	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.580%
62) 4-Bromofluorobenzene	12.477	95	1346	49.472	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.940%

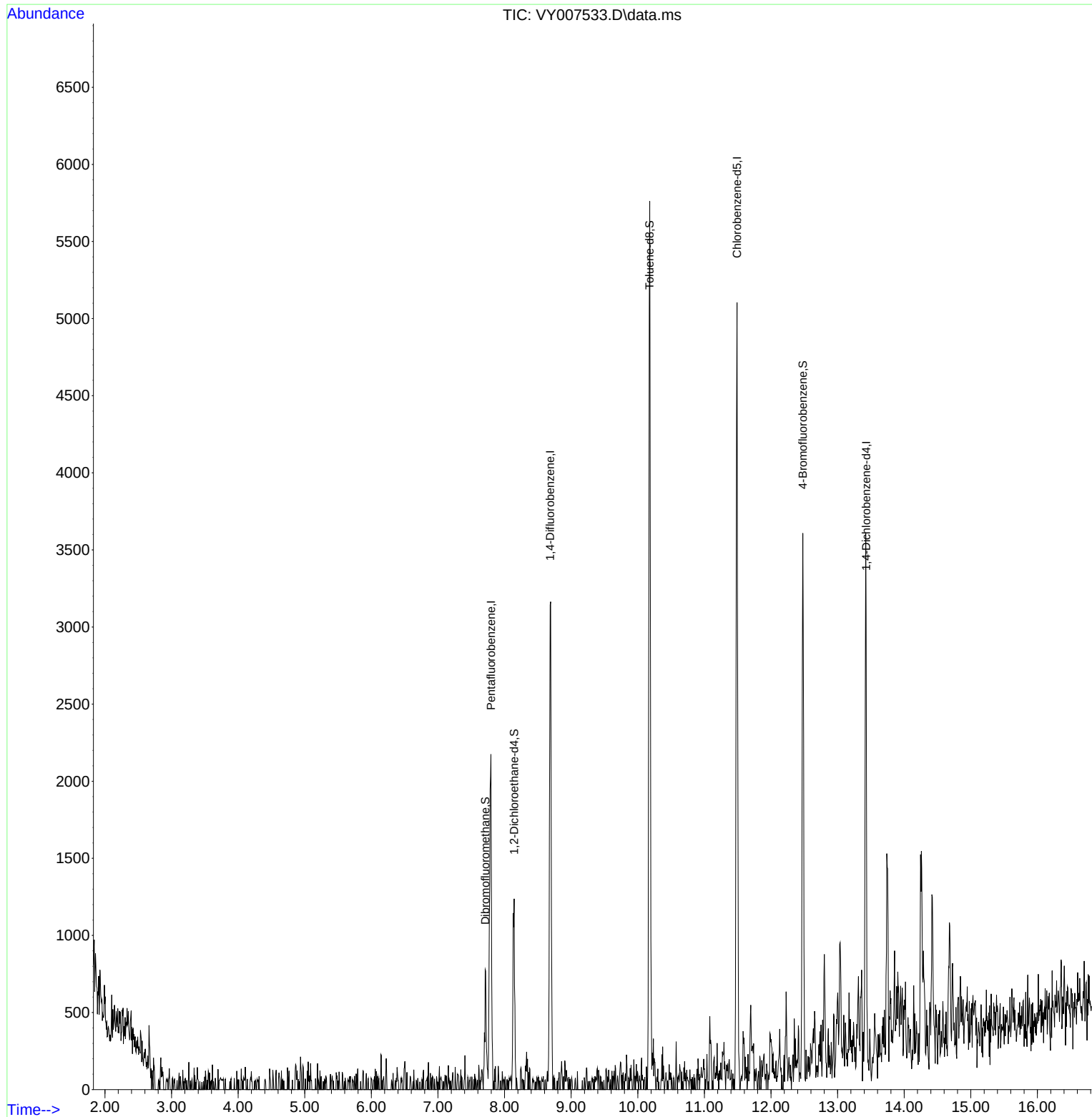
Target Compounds	Qvalue

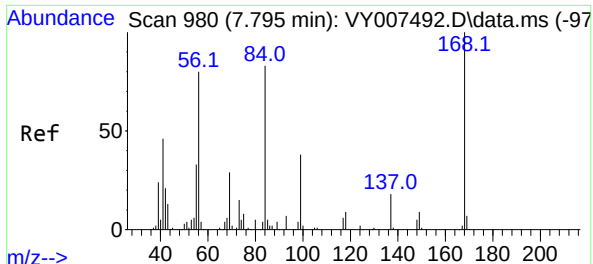
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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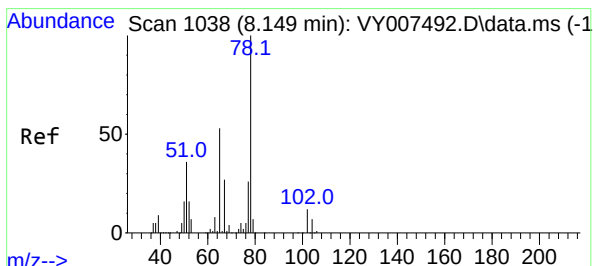
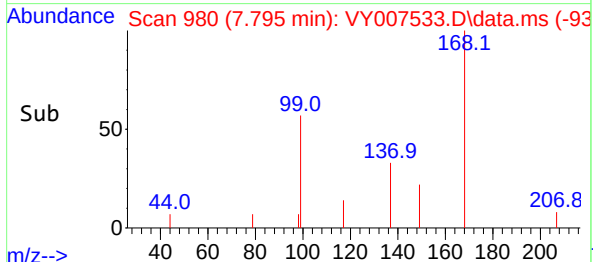
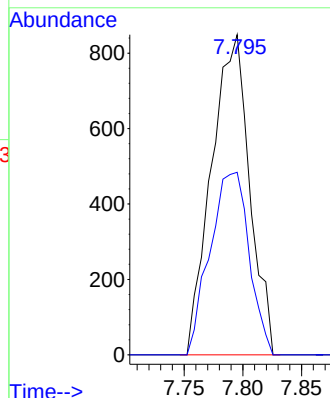
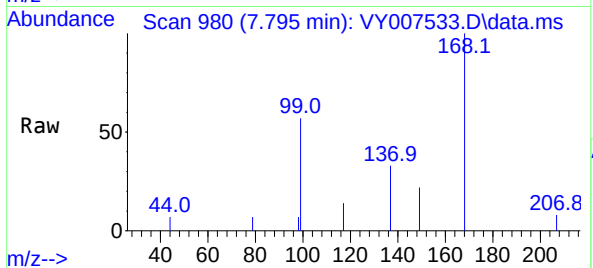




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007533.D
Acq: 17 Feb 2022 19:21

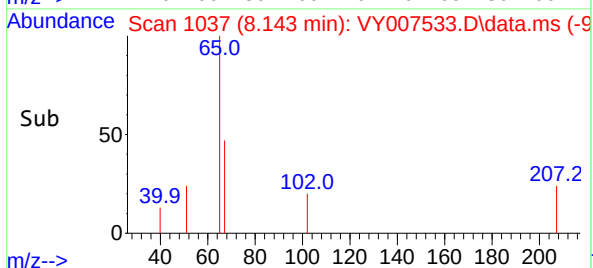
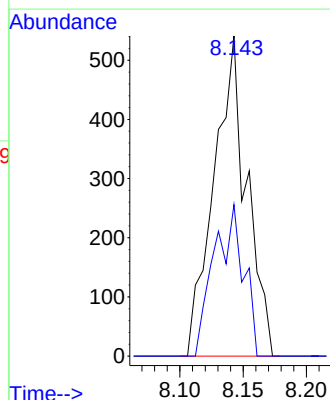
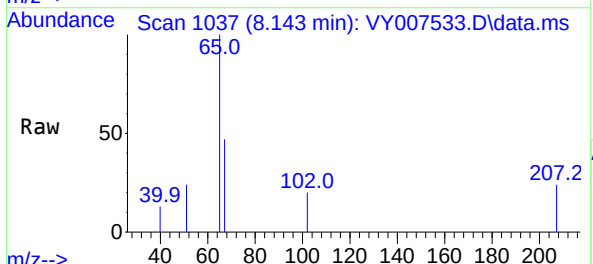
Instrument :
MSVOA_Y
ClientSampleId :
D-8

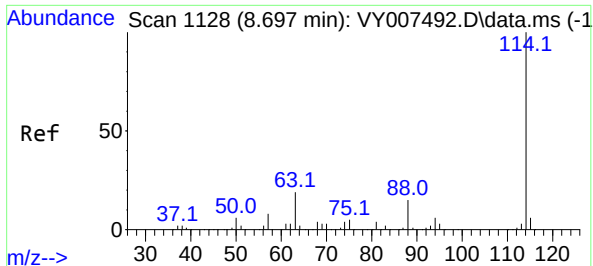
Tgt Ion:168 Resp: 1918
Ion Ratio Lower Upper
168 100
99 57.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.043 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007533.D
Acq: 17 Feb 2022 19:21

Tgt Ion: 65 Resp: 975
Ion Ratio Lower Upper
65 100
67 42.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY007533.D

Acq: 17 Feb 2022 19:21

Instrument :

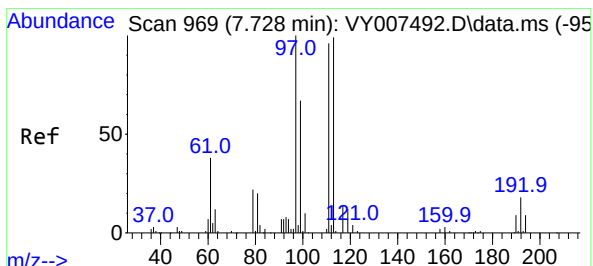
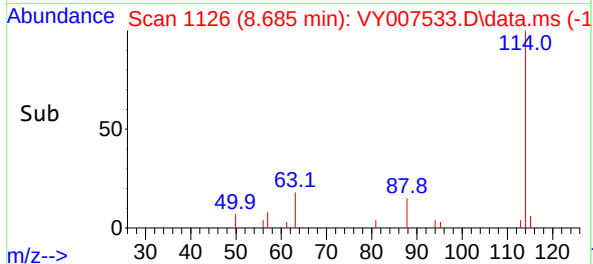
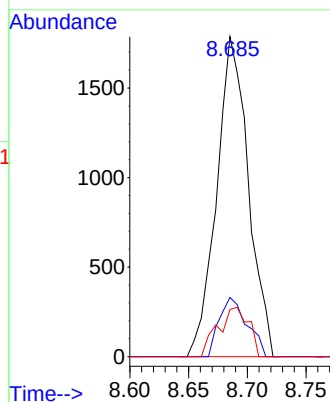
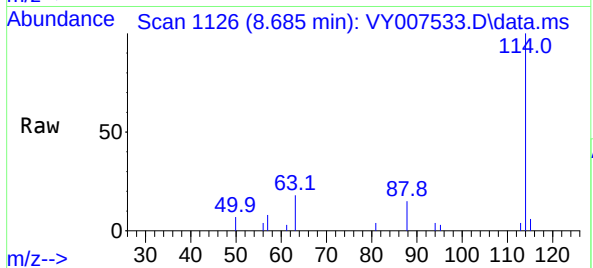
MSVOA_Y

ClientSampleId :

D-8

Tgt Ion:114 Resp: 3350

Ion	Ratio	Lower	Upper
114	100		
63	18.5	0.0	43.2
88	14.7	0.0	31.8



#35

Dibromofluoromethane

Concen: 27.880 ug/l

RT: 7.710 min Scan# 966

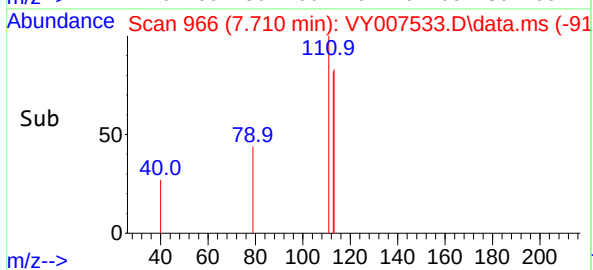
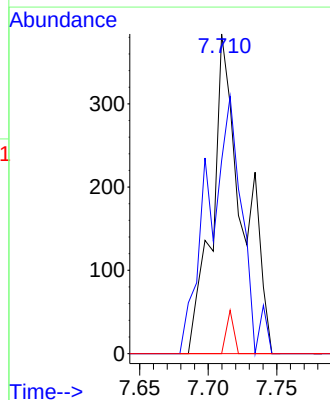
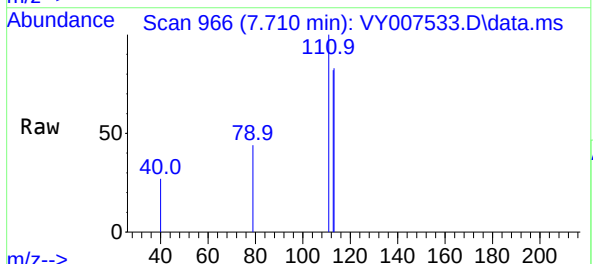
Delta R.T. -0.012 min

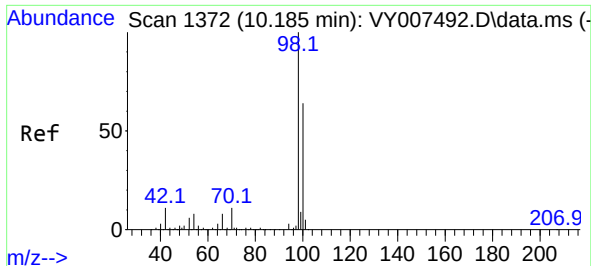
Lab File: VY007533.D

Acq: 17 Feb 2022 19:21

Tgt Ion:113 Resp: 589

Ion	Ratio	Lower	Upper
113	100		
111	90.2	82.6	124.0
192	3.2	17.6	26.4

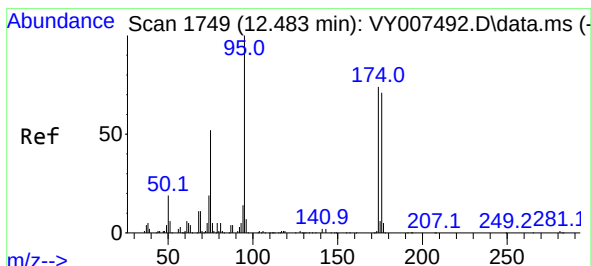
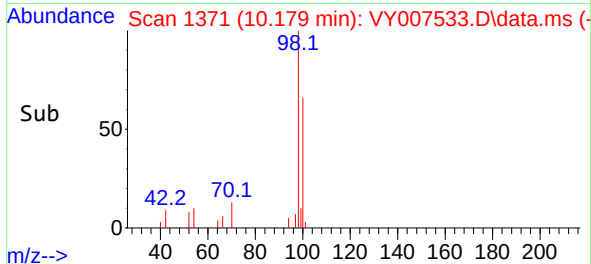
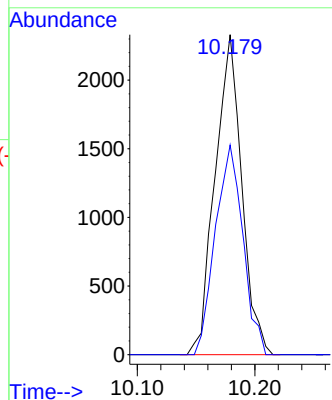
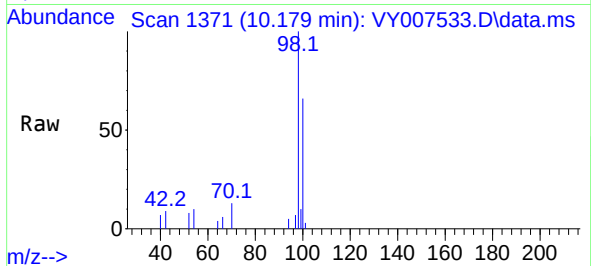




#50
Toluene-d8
Concen: 45.788 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007533.D
Acq: 17 Feb 2022 19:21

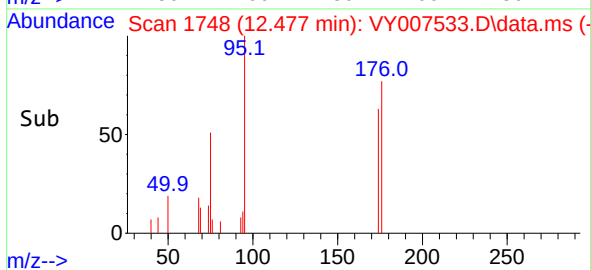
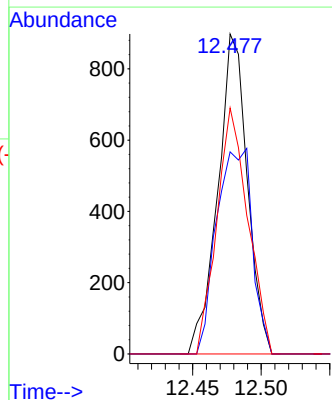
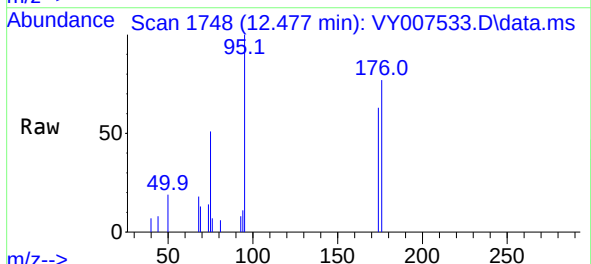
Instrument :
MSVOA_Y
ClientSampleId :
D-8

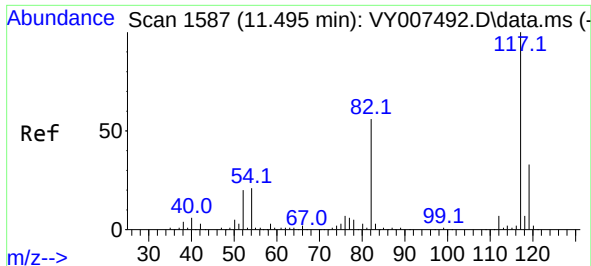
Tgt Ion: 98 Resp: 3674
Ion Ratio Lower Upper
98 100
100 67.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.472 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007533.D
Acq: 17 Feb 2022 19:21

Tgt Ion: 95 Resp: 1346
Ion Ratio Lower Upper
95 100
174 77.4 0.0 177.0
176 80.7 0.0 175.8

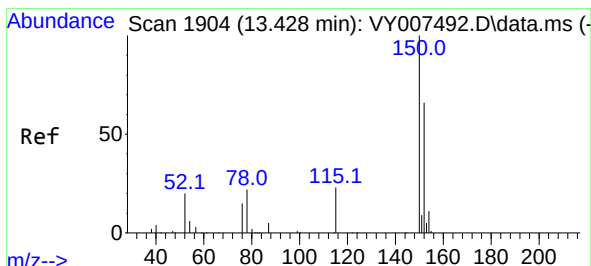
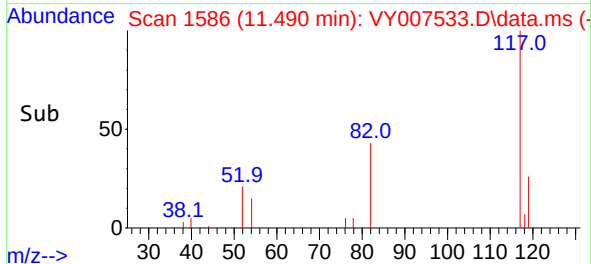
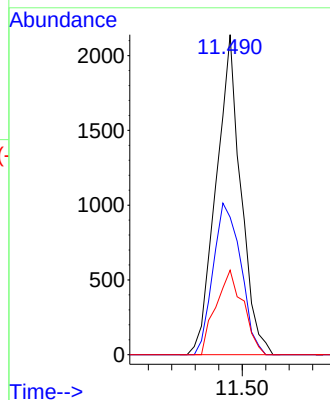
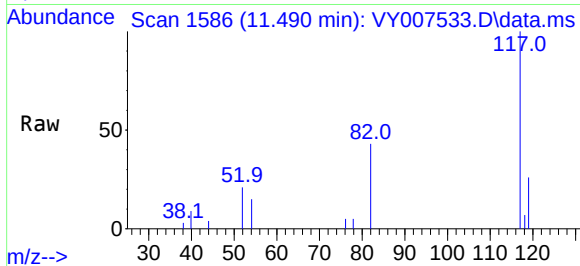




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007533.D
Acq: 17 Feb 2022 19:21

Instrument :
MSVOA_Y
ClientSampleId :
D-8

Tgt Ion:117 Resp: 3133
Ion Ratio Lower Upper
117 100
82 42.9 43.0 64.4#
119 26.4 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: VY007533.D
Acq: 17 Feb 2022 19:21

Tgt Ion:152 Resp: 848
Ion Ratio Lower Upper
152 100
115 73.7 28.2 84.7
150 165.0 0.0 347.6

