

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005051.D
 Acq On : 09 Jun 2021 17:05
 Operator : SY/MD
 Sample : M2643-01
 Misc : 4.85G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 11934

Quant Time: Jun 10 02:43:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	166963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	309906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145374	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111399	63.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.220%
35) Dibromofluoromethane	7.728	113	98467	59.057	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.120%
50) Toluene-d8	10.185	98	390164	56.344	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.680%
62) 4-Bromofluorobenzene	12.483	95	133344	55.991	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.980%

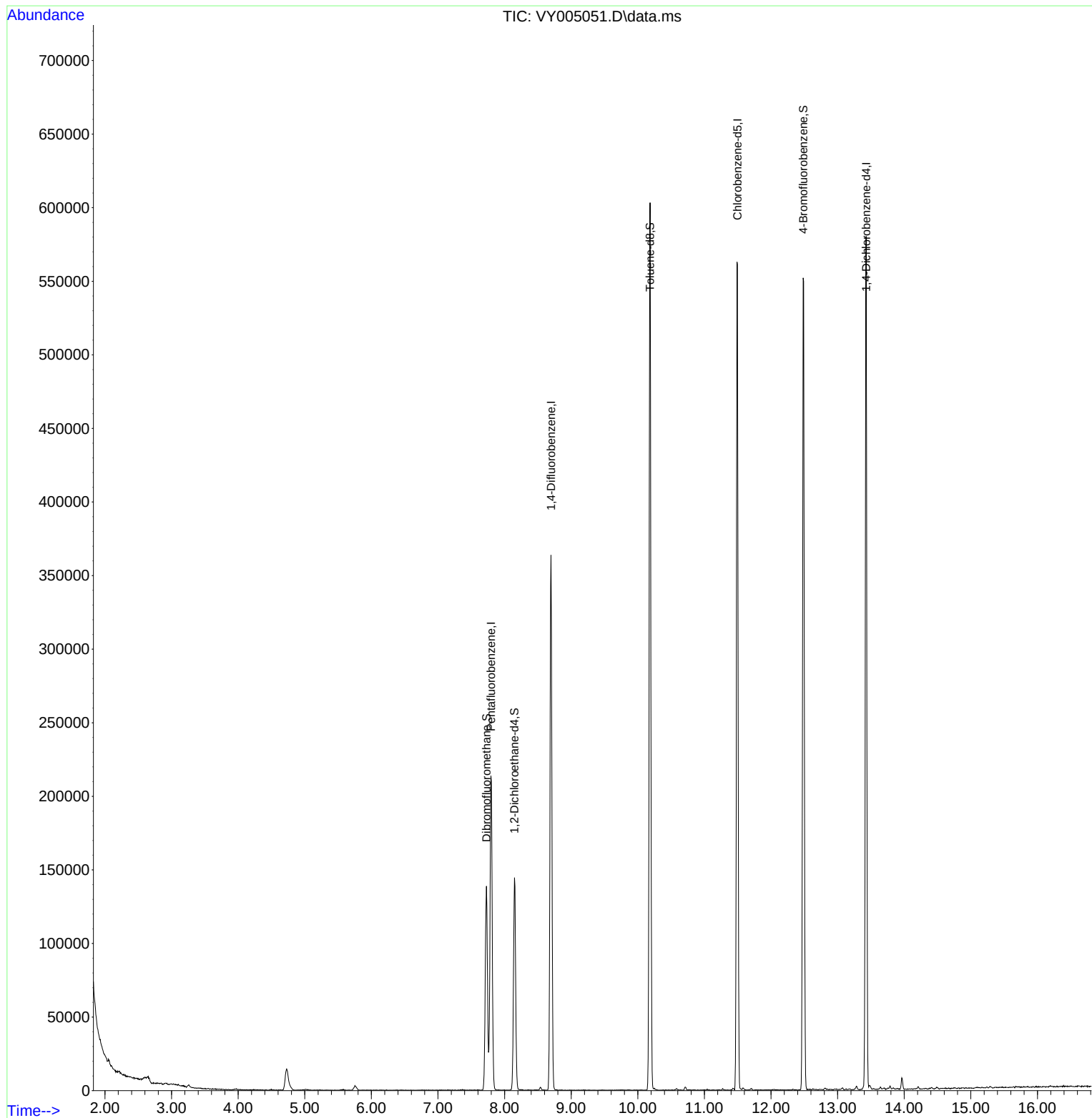
Target Compounds	Qvalue

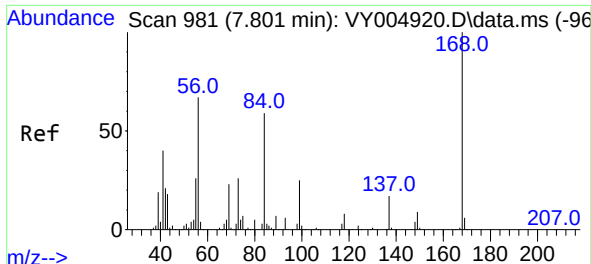
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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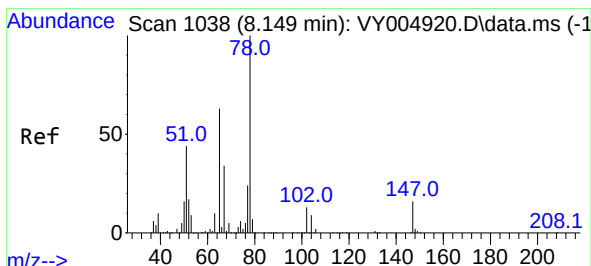
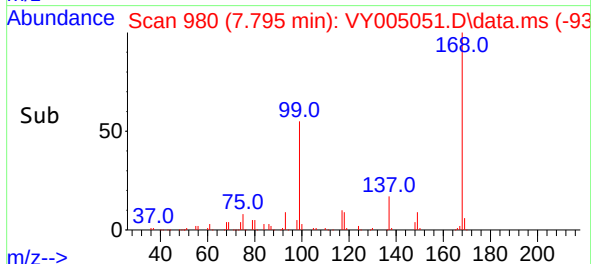
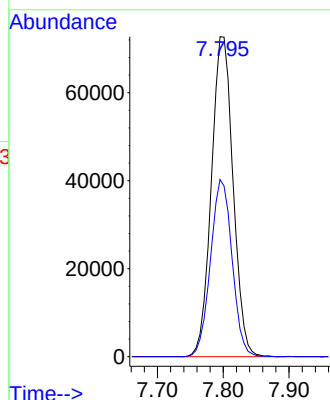
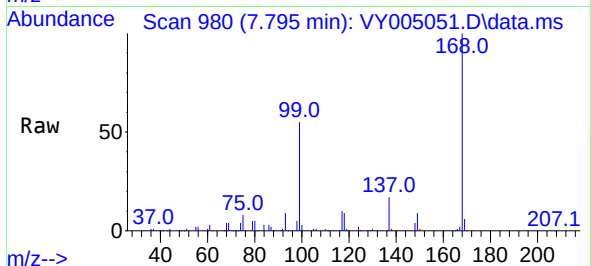




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

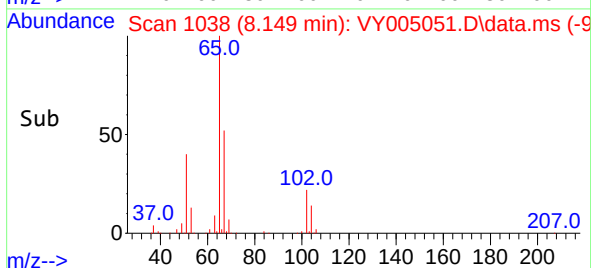
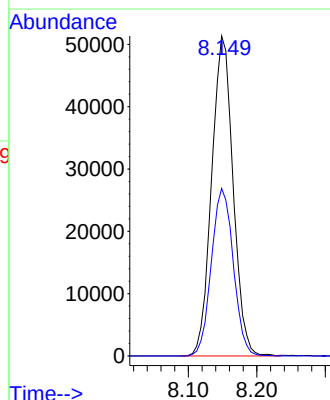
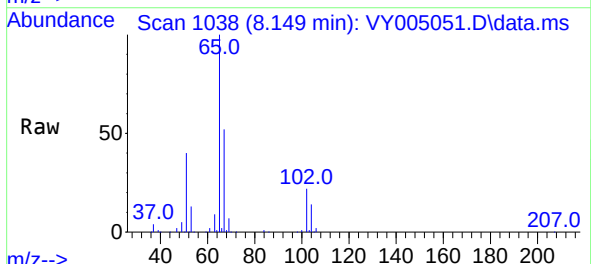
Instrument :
MSVOA_Y
ClientSampleId :
11934

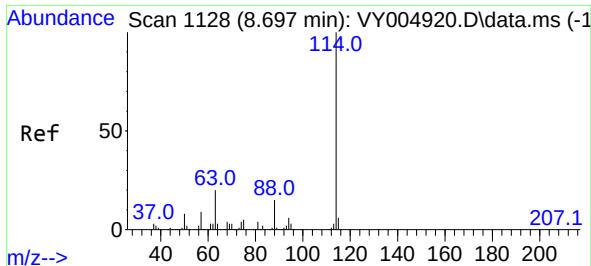
Tgt Ion:168 Resp: 166963
Ion Ratio Lower Upper
168 100
99 55.4 43.9 65.9



#33
1,2-Dichloroethane-d4
Concen: 63.112 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Tgt Ion: 65 Resp: 111399
Ion Ratio Lower Upper
65 100
67 53.5 0.0 110.6



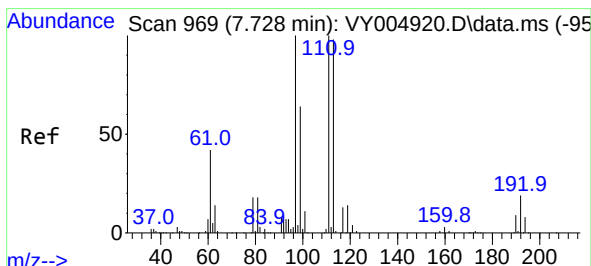
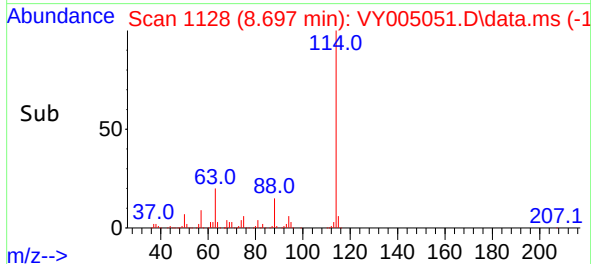
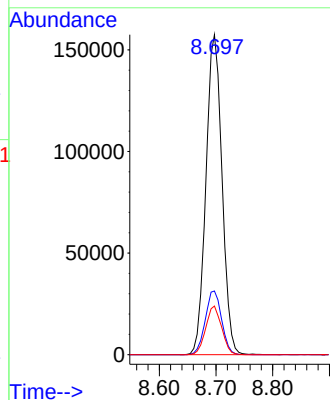
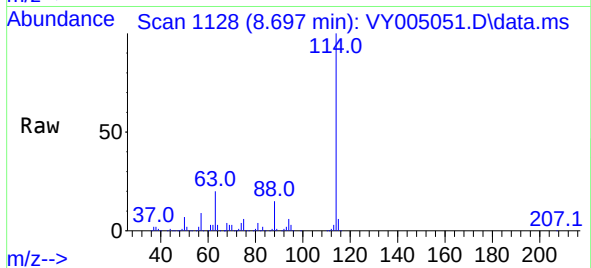


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :
11934

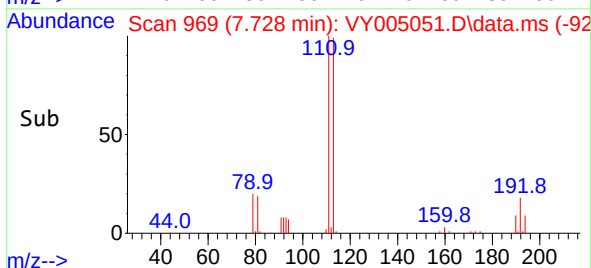
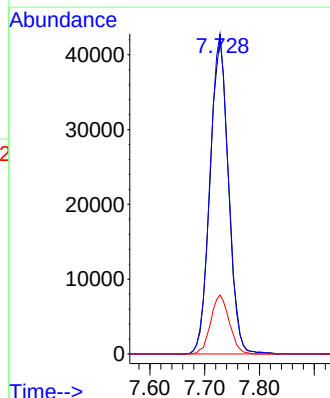
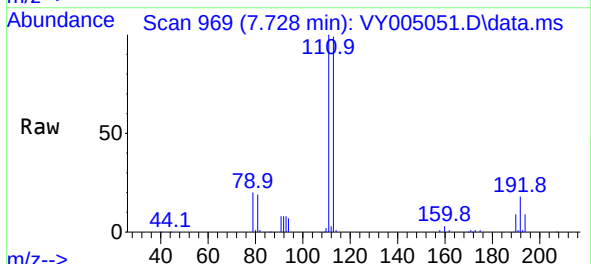
Tgt Ion:	114	Resp:	309906
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	41.0
88	15.2	0.0	30.6

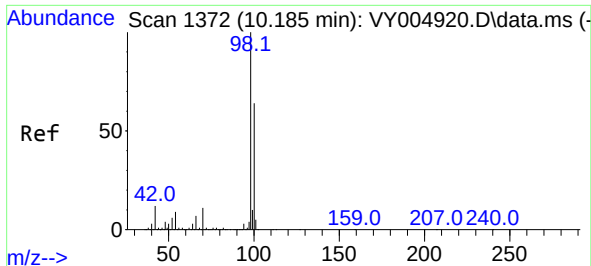


#35

Dibromofluoromethane
Concen: 59.057 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Tgt Ion:	113	Resp:	98467
Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.8	122.8
192	18.7	15.3	22.9

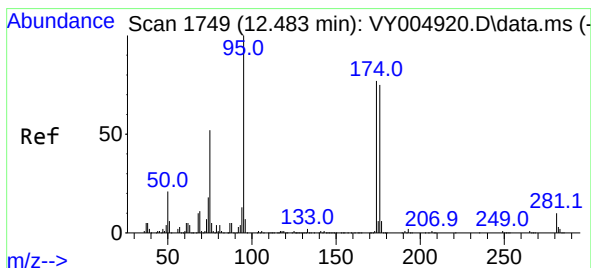
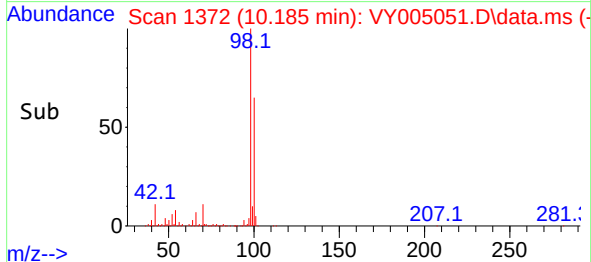
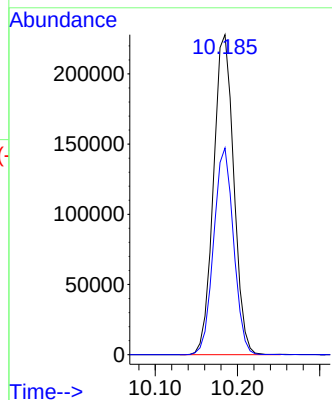
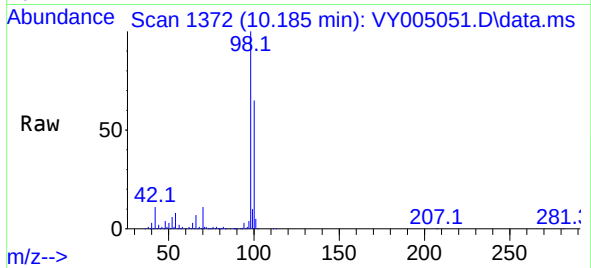




#50
Toluene-d8
Concen: 56.344 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

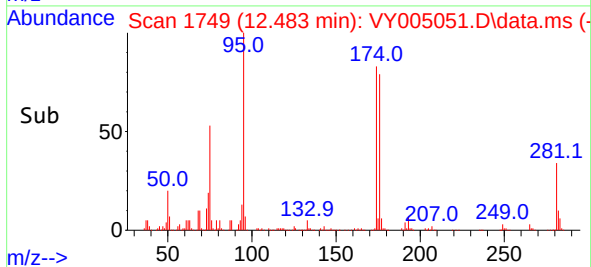
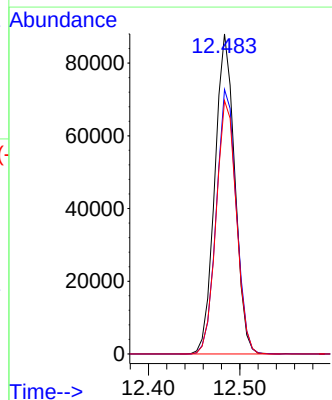
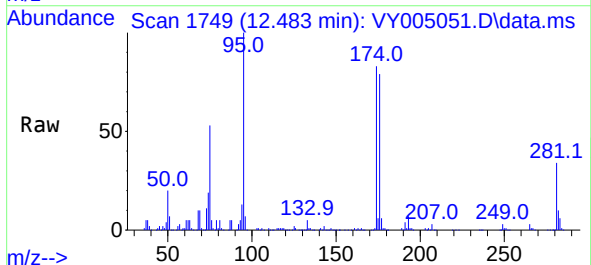
Instrument :
MSVOA_Y
ClientSampleId :
11934

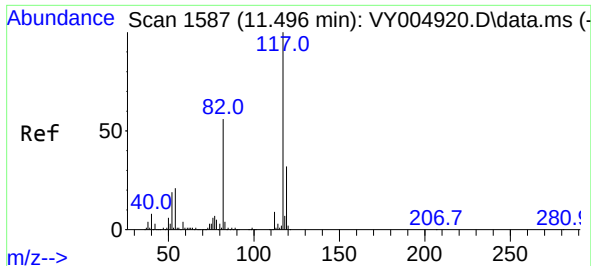
Tgt Ion: 98 Resp: 390164
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.991 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Tgt Ion: 95 Resp: 133344
Ion Ratio Lower Upper
95 100
174 82.6 0.0 160.8
176 80.2 0.0 155.6

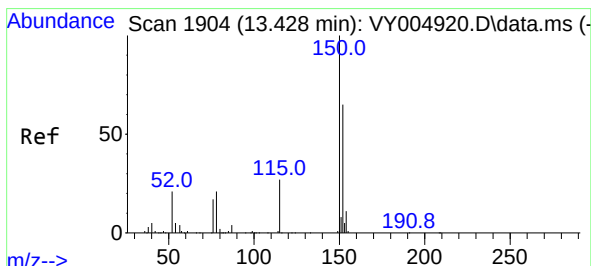
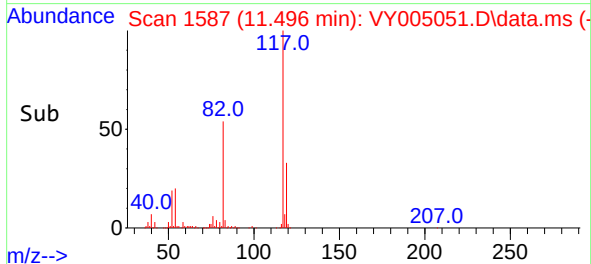
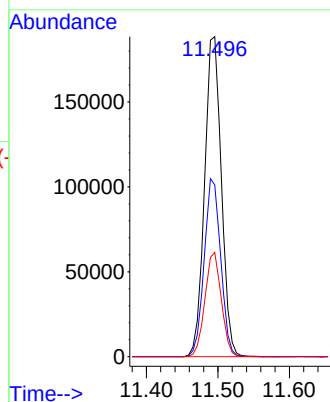
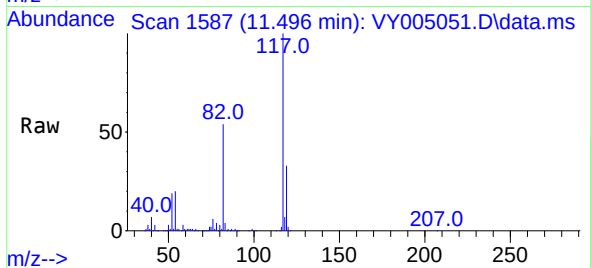




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Instrument :
MSVOA_Y
ClientSampleId :
11934

Tgt Ion:117 Resp: 307632
Ion Ratio Lower Upper
117 100
82 53.7 44.8 67.2
119 32.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005051.D
Acq: 09 Jun 2021 17:05

Tgt Ion:152 Resp: 145374
Ion Ratio Lower Upper
152 100
115 57.6 29.9 89.7
150 155.1 0.0 347.8

