

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032221\
 Data File : VY004157.D
 Acq On : 22 Mar 2021 12:35
 Operator : SY/MD
 Sample : M1746-10
 Misc : 6.86g/5mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-4

Quant Time: Mar 23 01:08:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	189255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	323605	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	111613	59.76	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.52%
35) Dibromofluoromethane	7.728	113	99470	54.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.02%
50) Toluene-d8	10.185	98	383575	53.62	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.24%
62) 4-Bromofluorobenzene	12.483	95	142115	53.79	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.58%

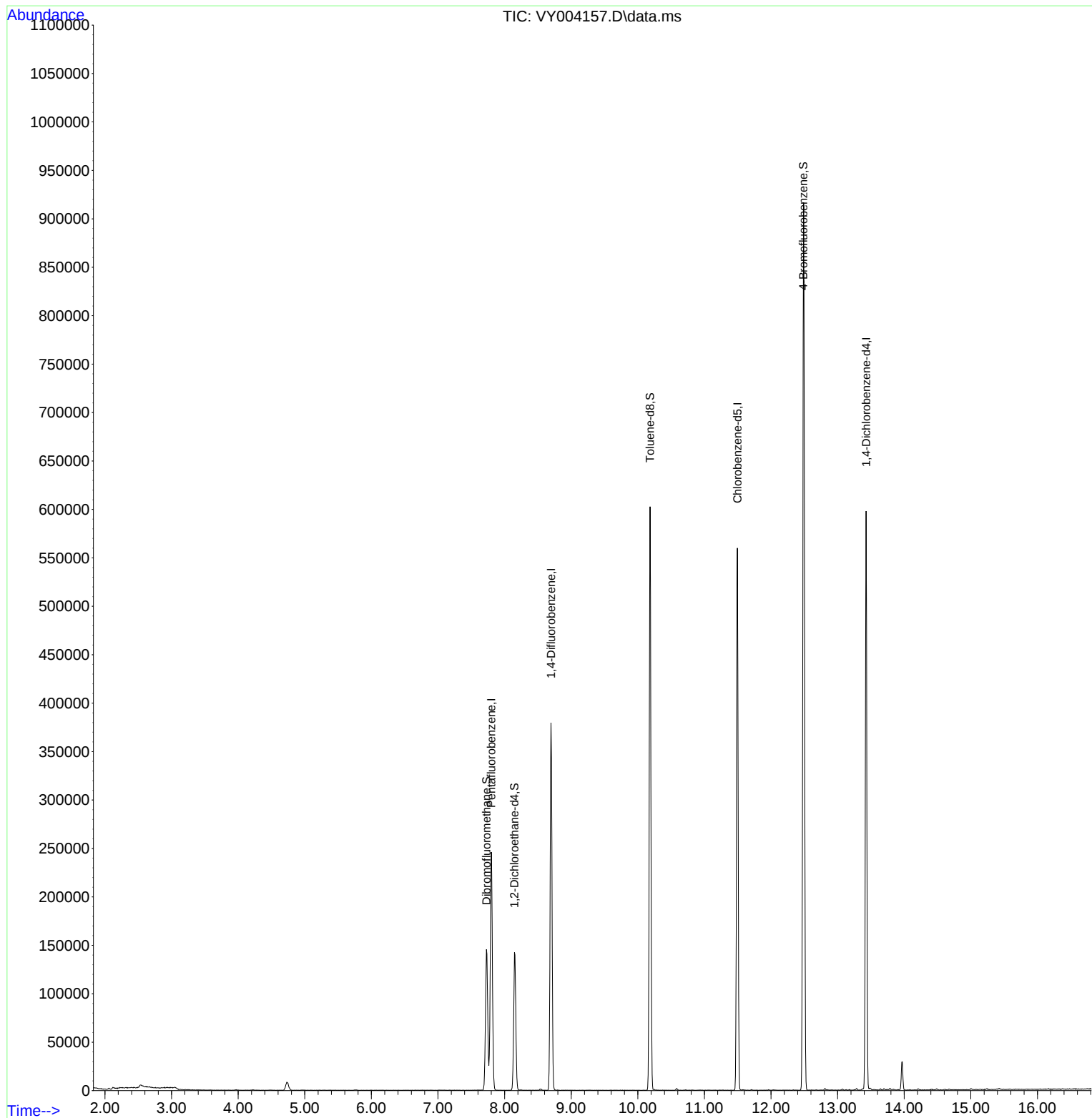
Target Compounds	Qvalue

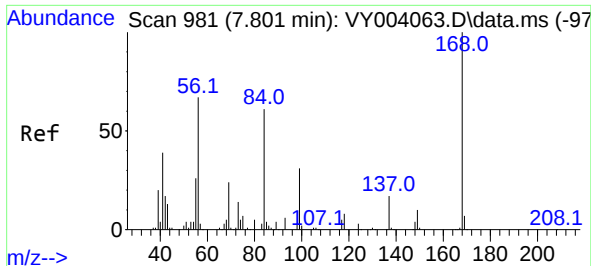
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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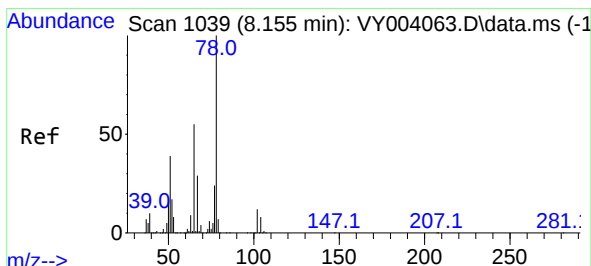
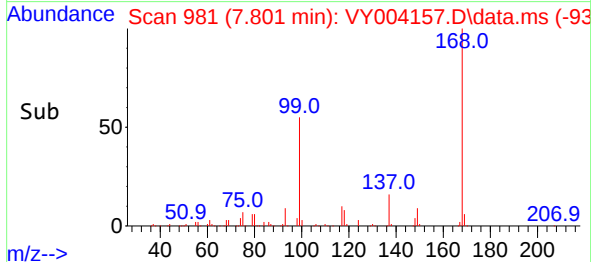
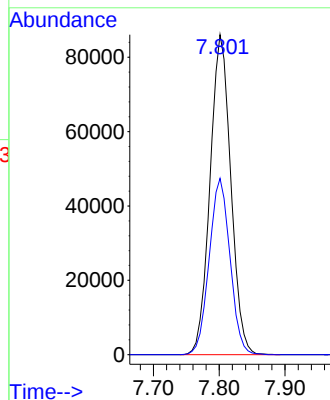
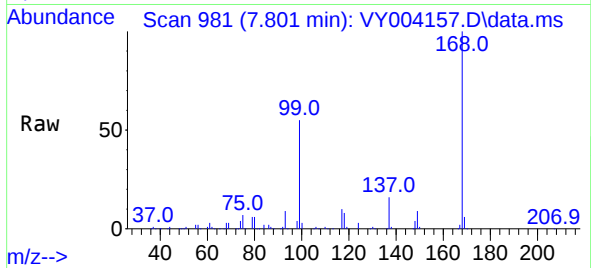




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

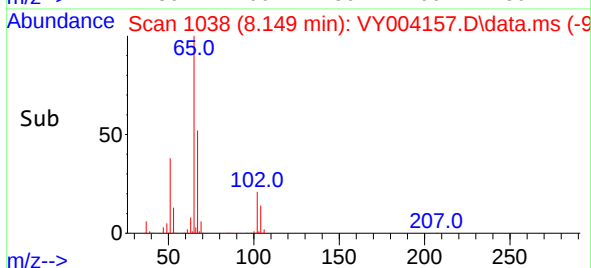
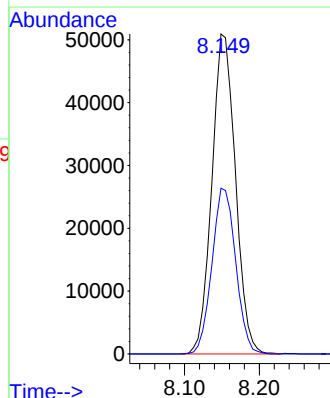
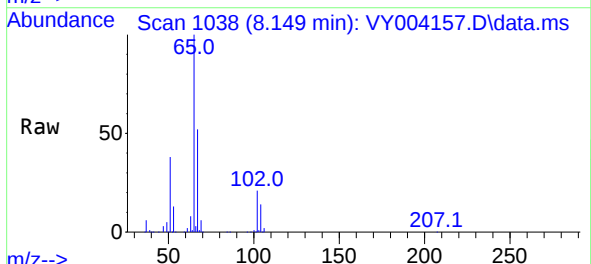
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

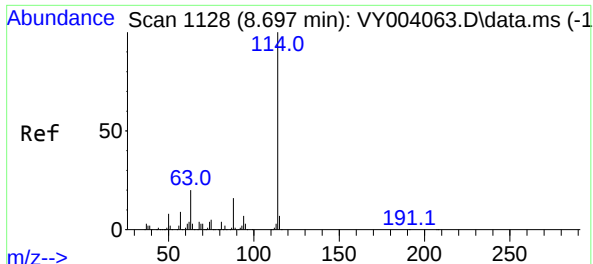
Tgt Ion:168 Resp: 189255
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#33
1,2-Dichloroethane-d4
Concen: 59.76 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 65 Resp: 111613
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.4

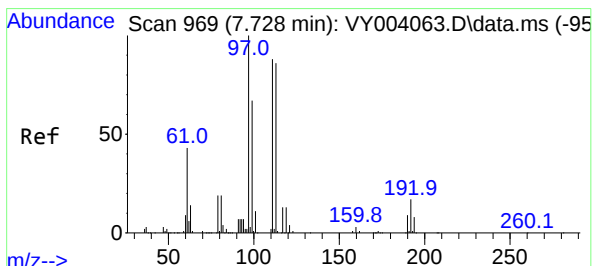
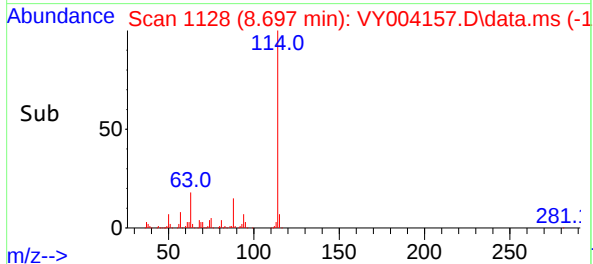
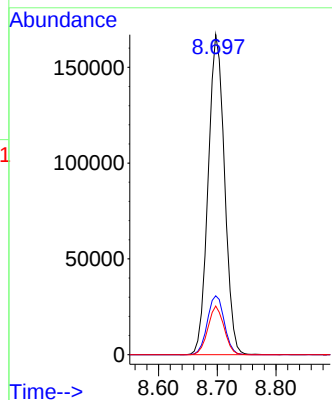
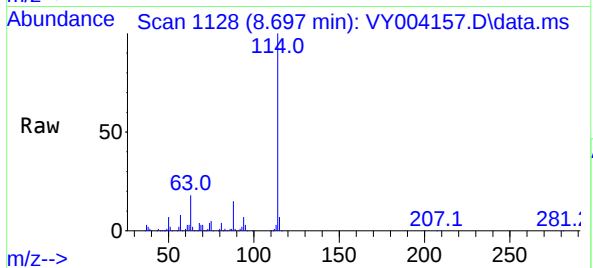




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

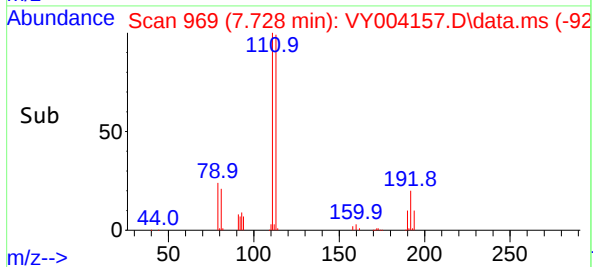
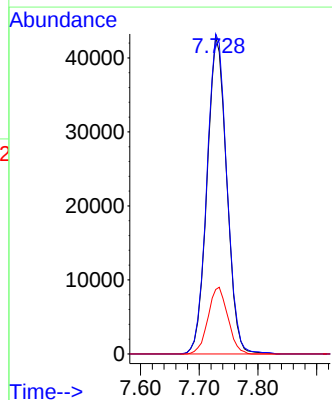
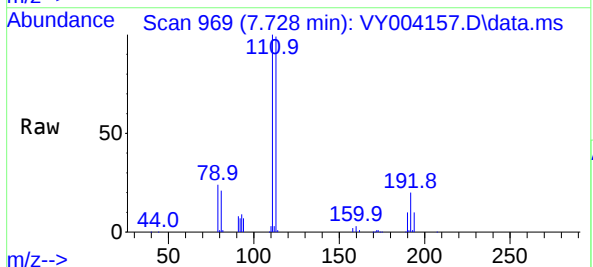
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

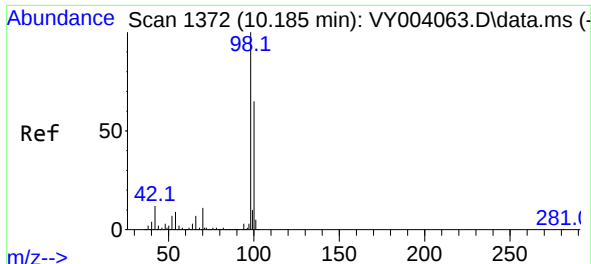
Tgt Ion:	114	Resp:	323605
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	41.6
88	15.2	0.0	31.4



#35
Dibromofluoromethane
Concen: 54.51 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion:	113	Resp:	99470
Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.2	124.8
192	21.2	18.5	27.7

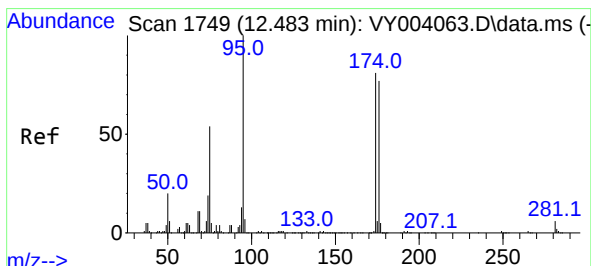
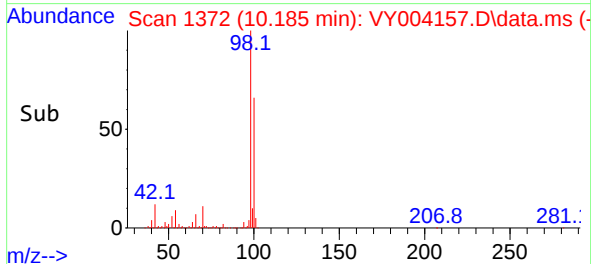
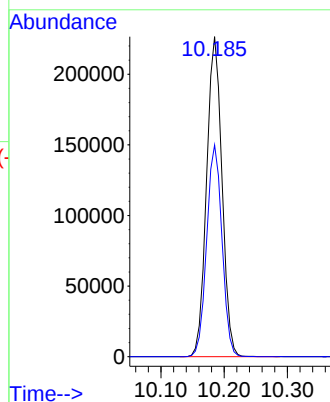
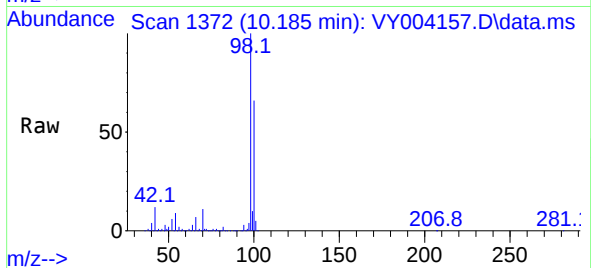




#50
Toluene-d8
Concen: 53.62 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

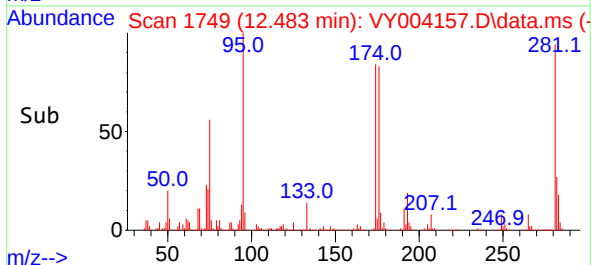
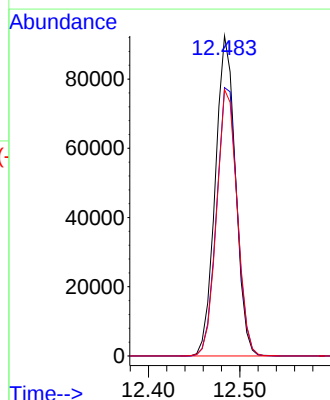
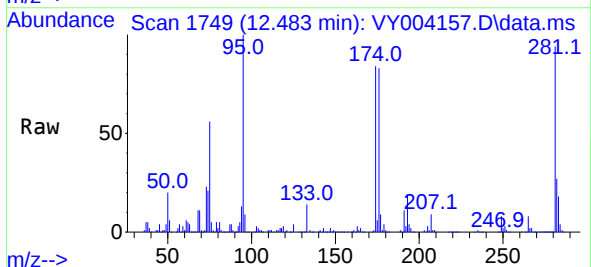
Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

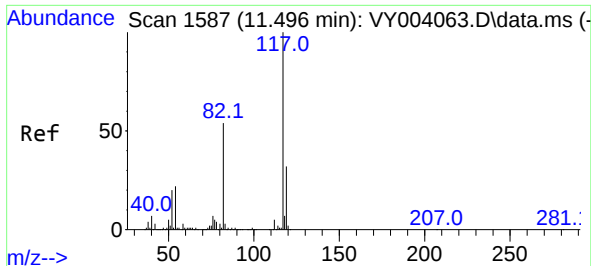
Tgt Ion: 98 Resp: 383575
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 53.79 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion: 95 Resp: 142115
Ion Ratio Lower Upper
95 100
174 85.8 0.0 179.0
176 84.5 0.0 174.4

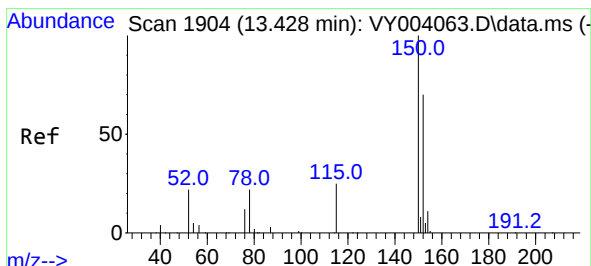
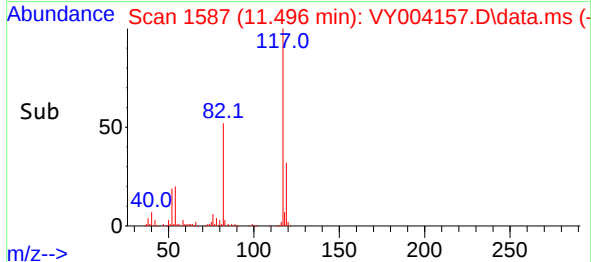
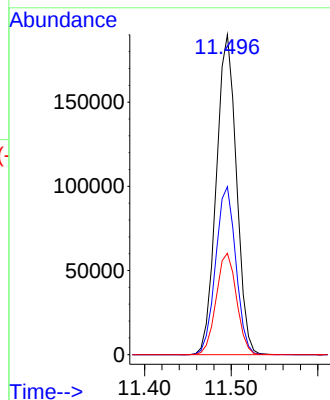
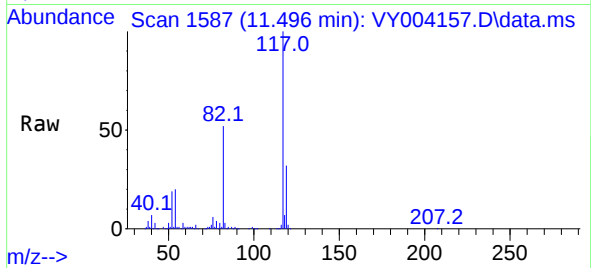




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Instrument :
MSVOA_Y
ClientSampleId :
COMP-4

Tgt Ion:117 Resp: 307032
Ion Ratio Lower Upper
117 100
82 52.5 43.8 65.6
119 31.7 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004157.D
Acq: 22 Mar 2021 12:35

Tgt Ion:152 Resp: 149088
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.6
150 157.7 0.0 347.2

