

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062821\
 Data File : VY005246.D
 Acq On : 28 Jun 2021 14:04
 Operator : SY/MD
 Sample : M2866-07
 Misc : 4.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124042

Quant Time: Jun 29 01:16:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	226814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	367643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	370253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188020	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	114646	60.910	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.820%
35) Dibromofluoromethane	7.728	113	113749	52.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.920%
50) Toluene-d8	10.185	98	451430	52.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.483	95	156675	54.225	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.440%

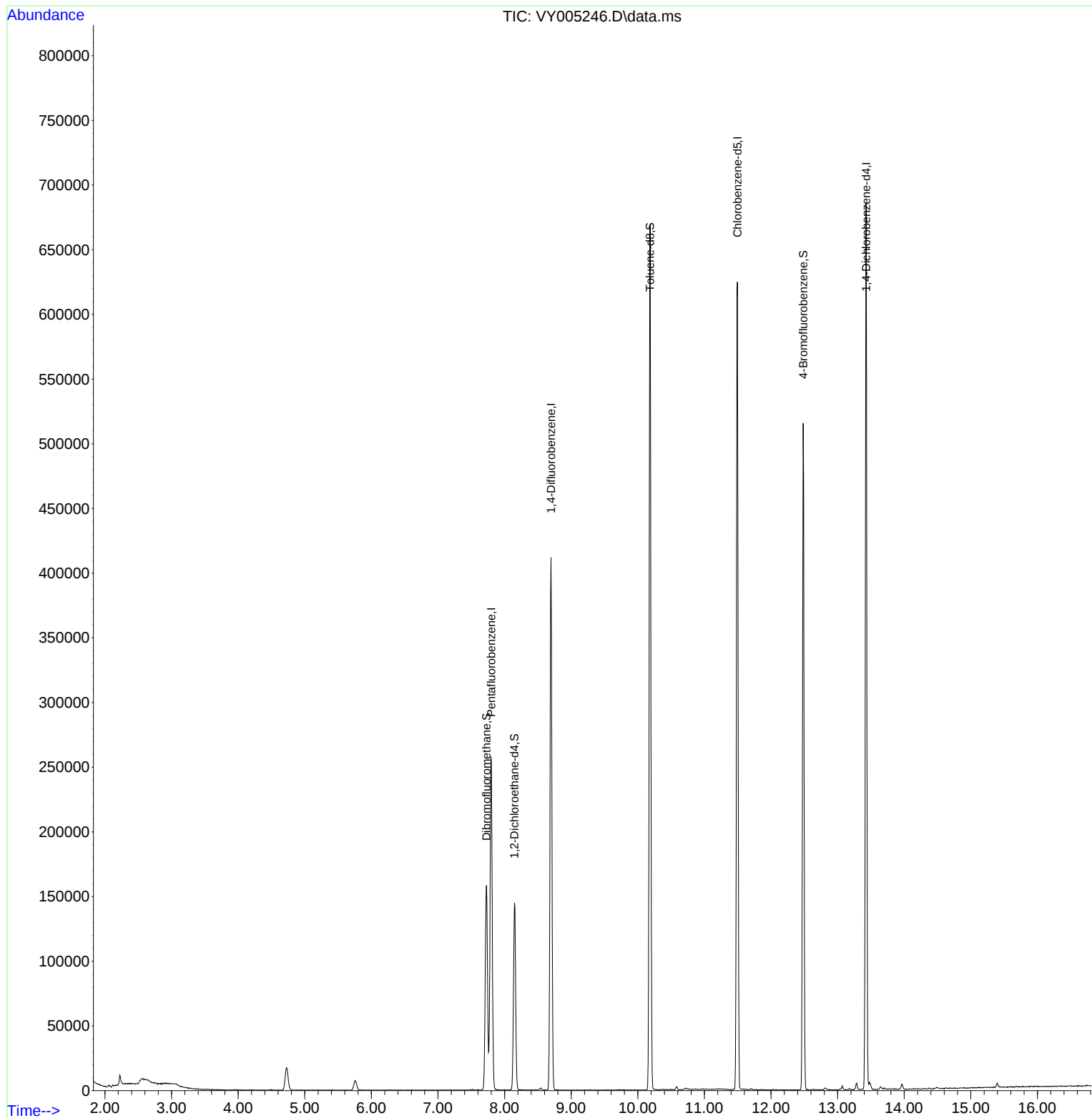
Target Compounds	Qvalue

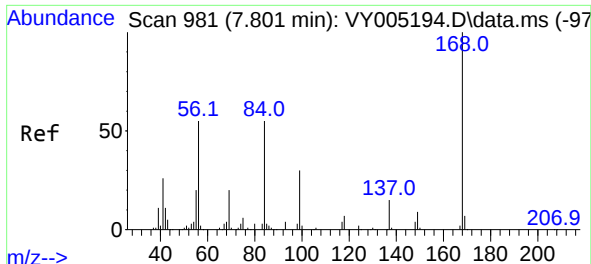
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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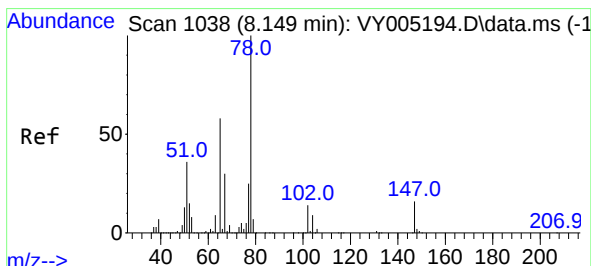
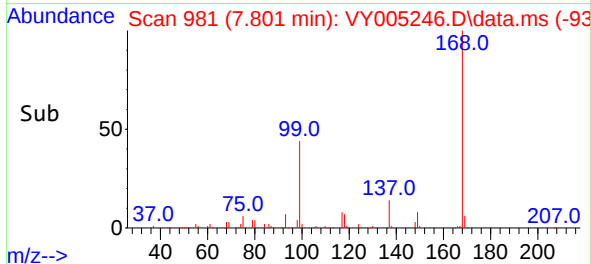
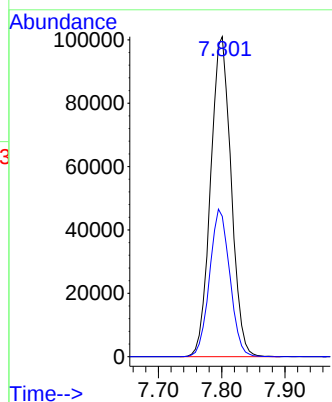
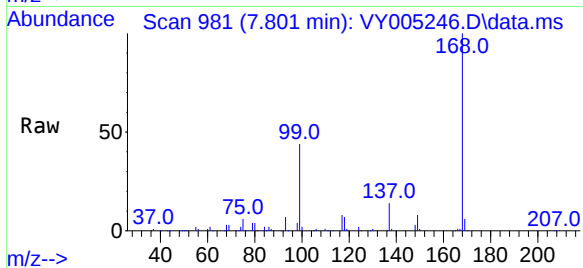




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

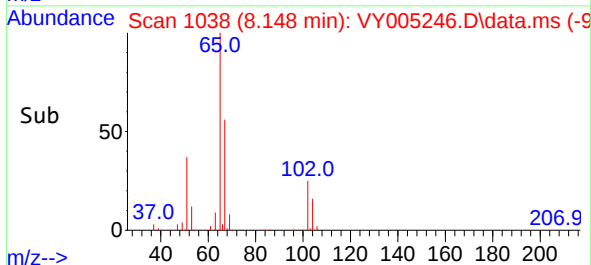
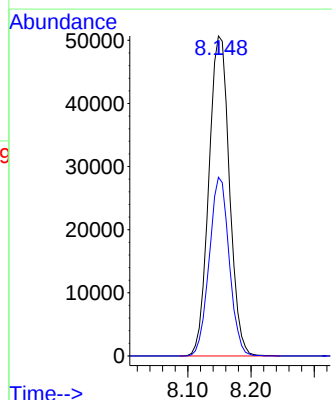
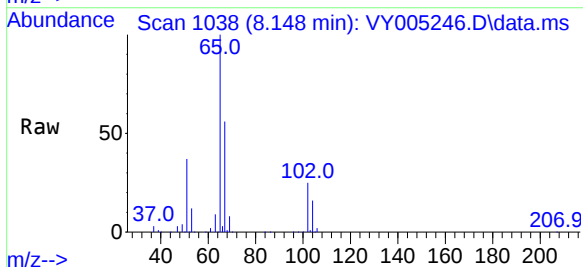
Instrument :
MSVOA_Y
ClientSampleId :
124042

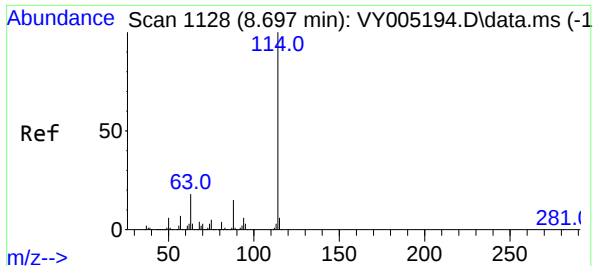
Tgt Ion:168 Resp: 226814
Ion Ratio Lower Upper
168 100
99 43.9 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 60.910 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 65 Resp: 114646
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.6

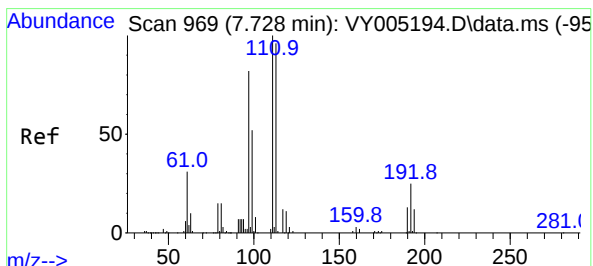
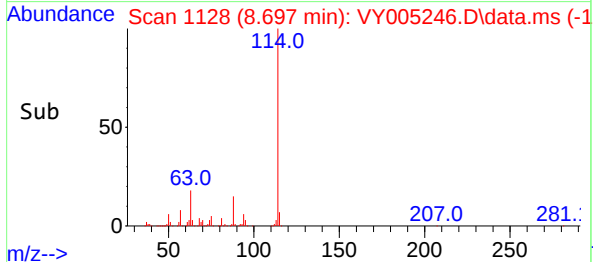
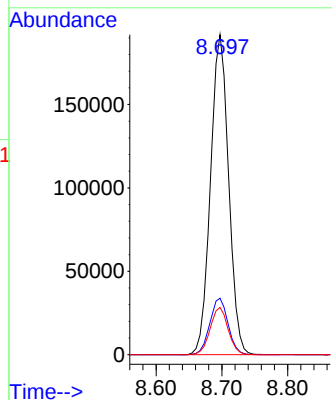
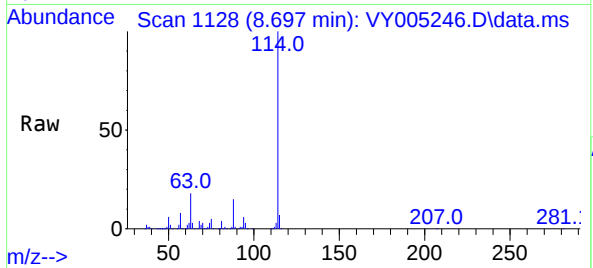




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

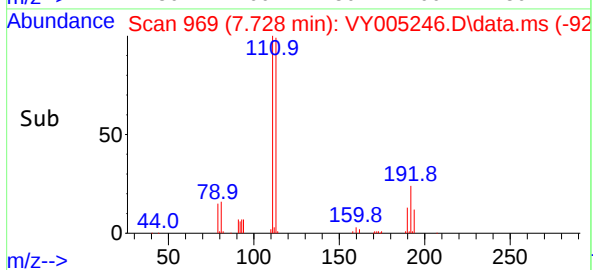
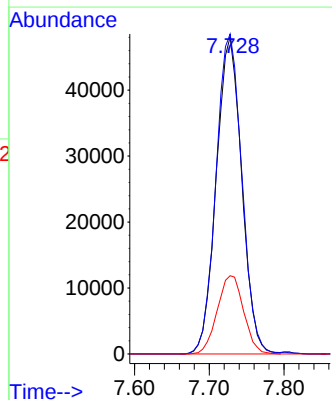
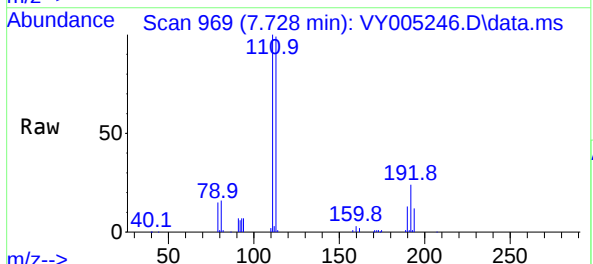
Instrument :
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ClientSampleId :
124042

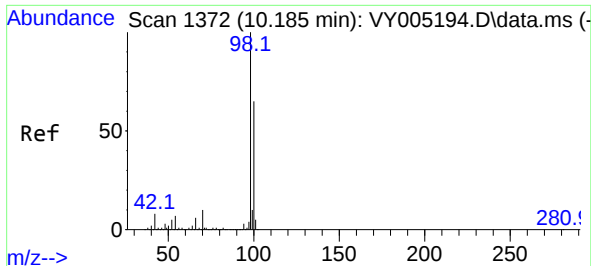
Tgt Ion:114 Resp: 367643
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.2
88 14.8 0.0 29.4



#35
Dibromofluoromethane
Concen: 52.463 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion:113 Resp: 113749
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 25.5 20.2 30.2

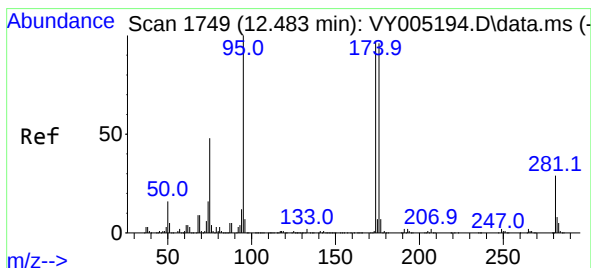
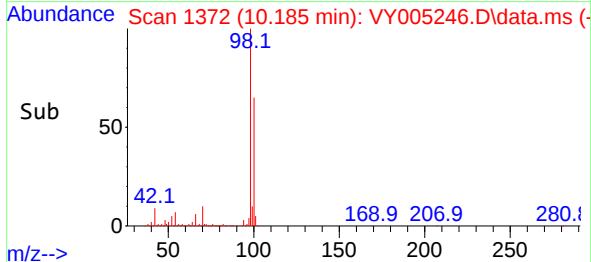
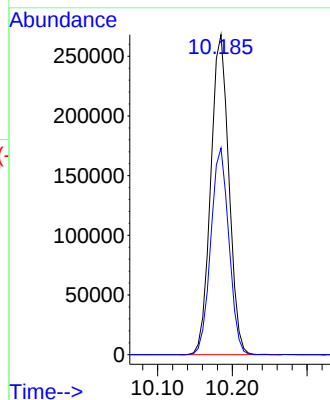
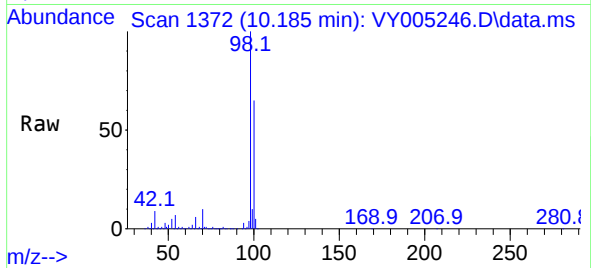




#50
Toluene-d8
Concen: 52.063 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

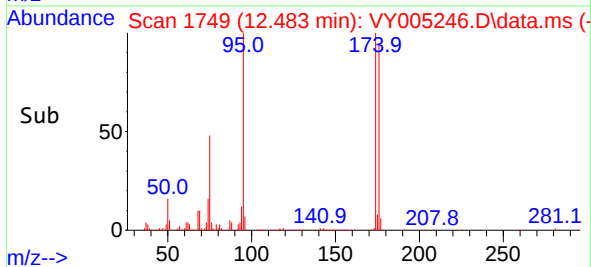
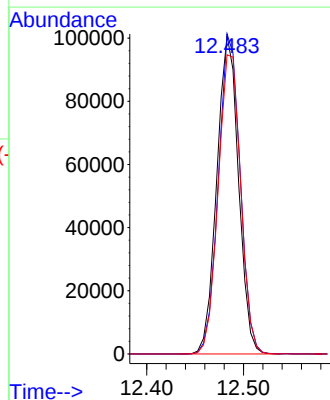
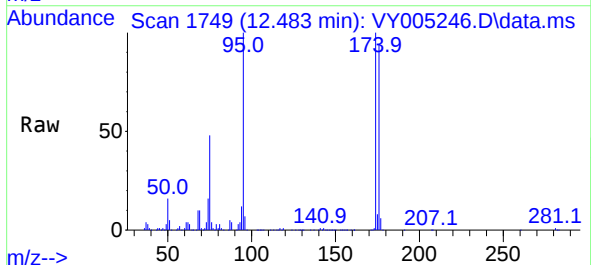
Instrument :
MSVOA_Y
ClientSampleId :
124042

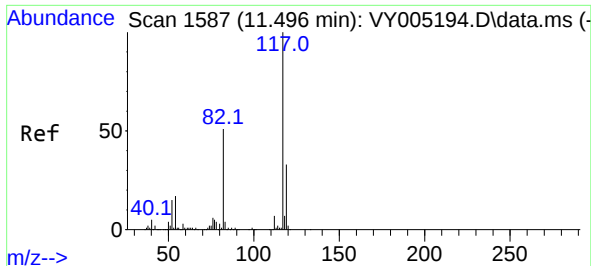
Tgt Ion: 98 Resp: 451430
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 54.225 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion: 95 Resp: 156675
Ion Ratio Lower Upper
95 100
174 100.7 0.0 201.6
176 97.4 0.0 197.4

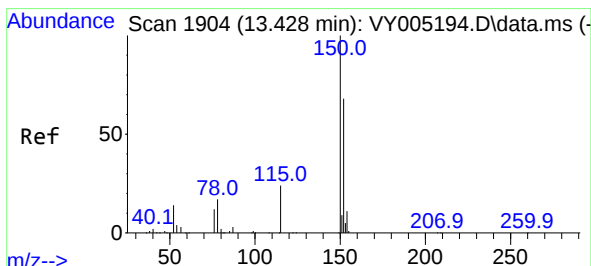
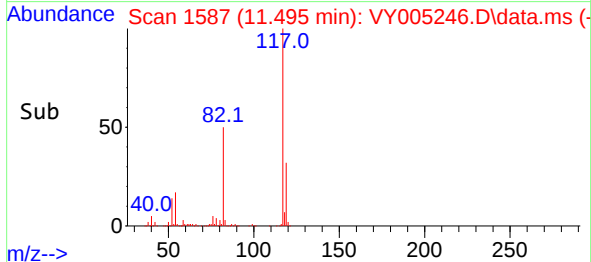
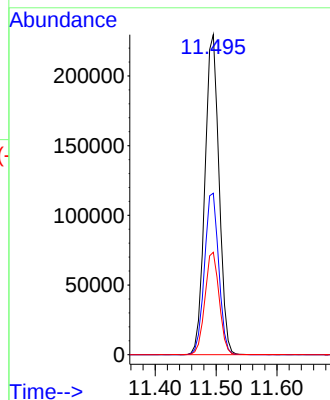
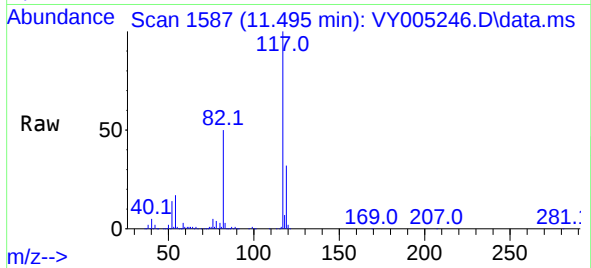




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Instrument :
MSVOA_Y
ClientSampleId :
124042

Tgt Ion:117 Resp: 370253
Ion Ratio Lower Upper
117 100
82 50.4 40.6 60.8
119 32.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005246.D
Acq: 28 Jun 2021 14:04

Tgt Ion:152 Resp: 188020
Ion Ratio Lower Upper
152 100
115 52.8 26.3 78.8
150 157.1 0.0 344.2

