

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy062921\
 Data File : VY005286.D
 Acq On : 29 Jun 2021 19:23
 Operator : SY/MD
 Sample : M2891-01RE
 Misc : 4.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-062821RE

Quant Time: Jun 30 04:01:51 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	7.795	168	97178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	147485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	140116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60045	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	44556	55.250	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.500%
35) Dibromofluoromethane	7.728	113	46629	53.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.220%
50) Toluene-d8	10.185	98	181367	52.141	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.280%
62) 4-Bromofluorobenzene	12.483	95	55579	47.950	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.900%

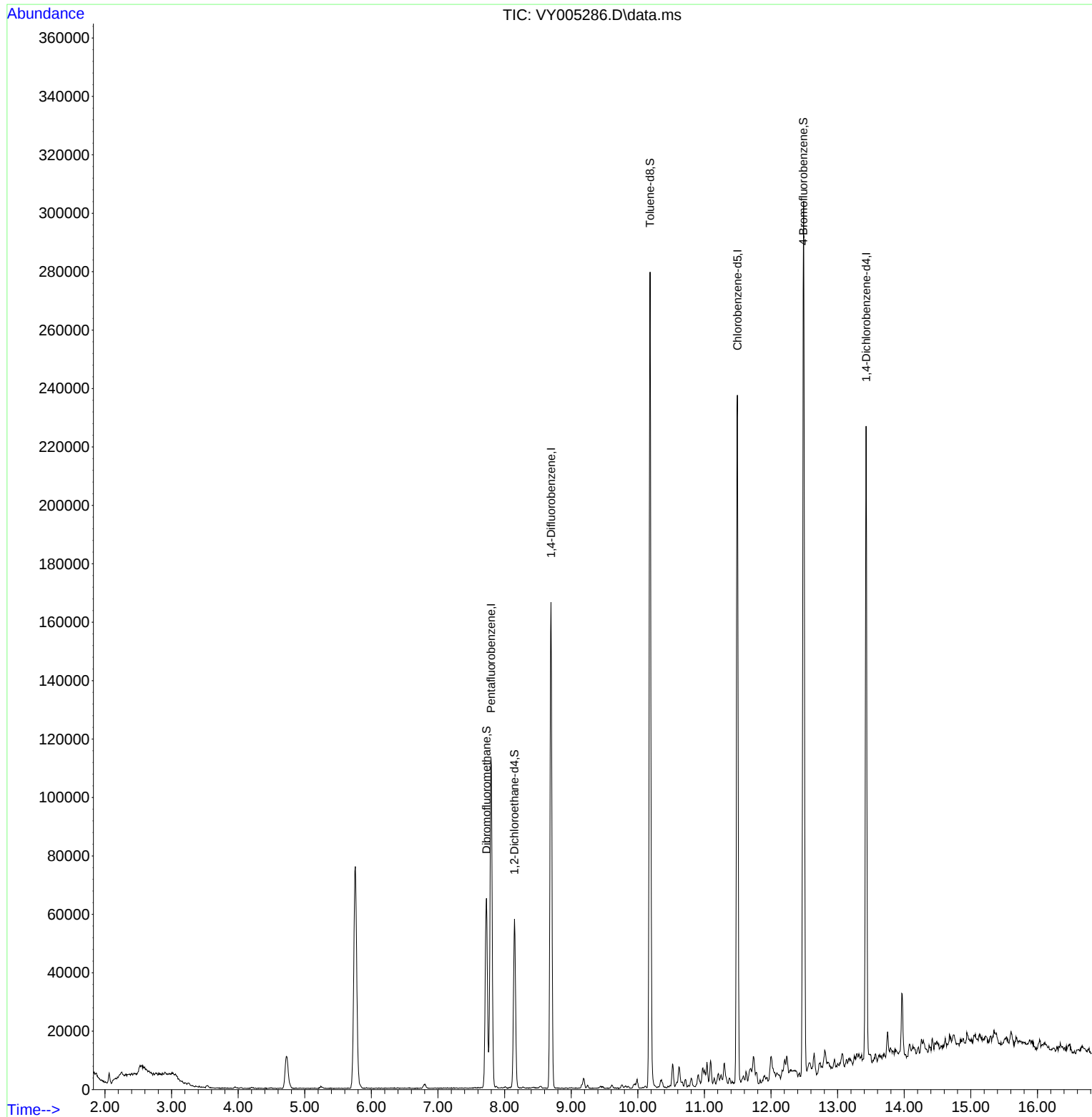
Target Compounds	Qvalue

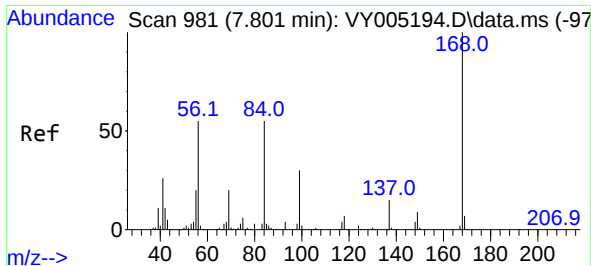
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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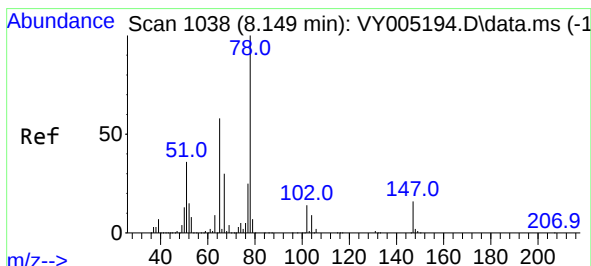
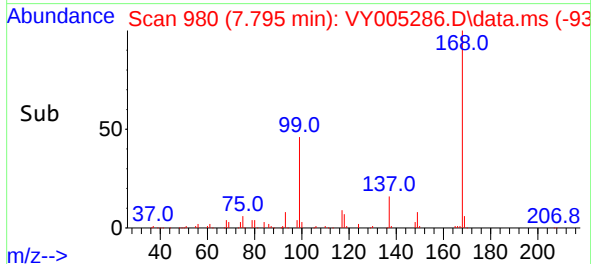
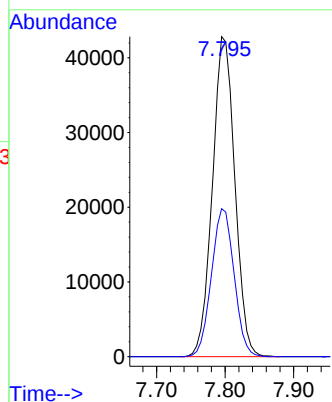
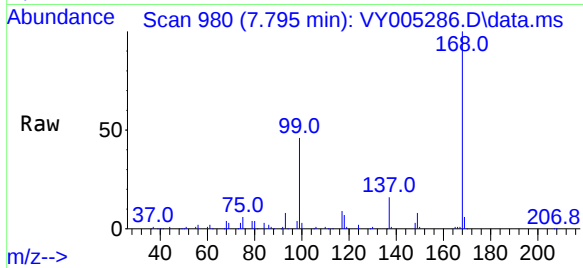




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

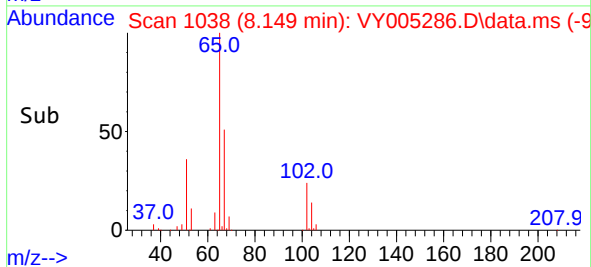
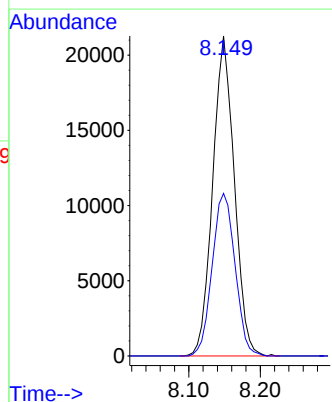
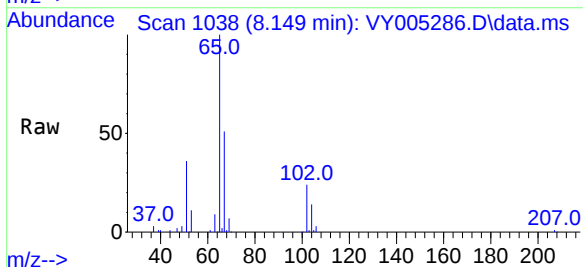
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

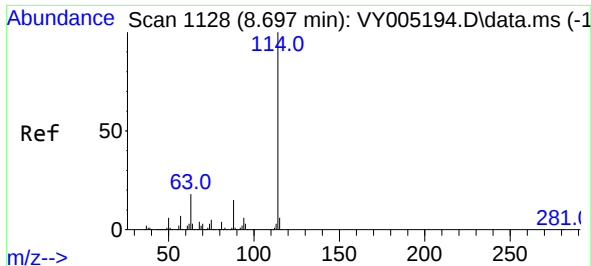
Tgt Ion:168 Resp: 97178
Ion Ratio Lower Upper
168 100
99 46.3 36.2 54.4



#33
1,2-Dichloroethane-d4
Concen: 55.250 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion: 65 Resp: 44556
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.6



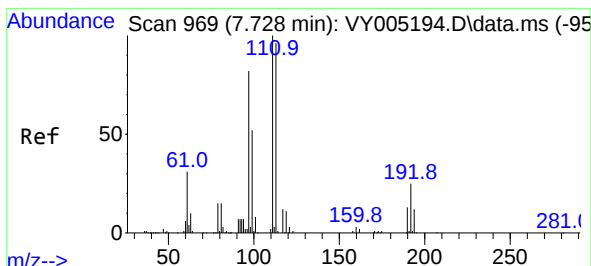
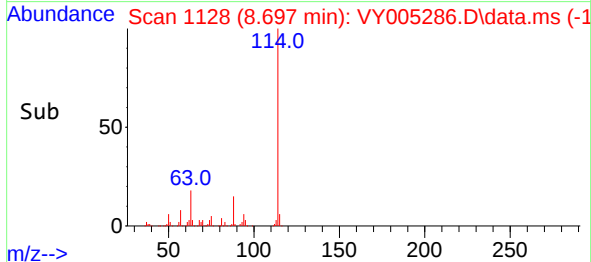
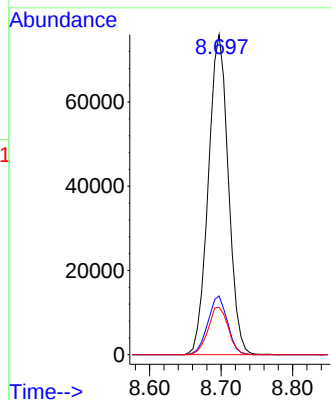
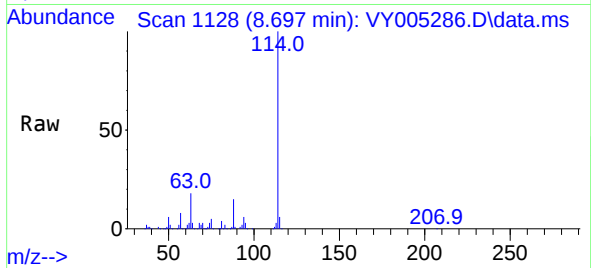


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

Tgt Ion:114 Resp: 147485

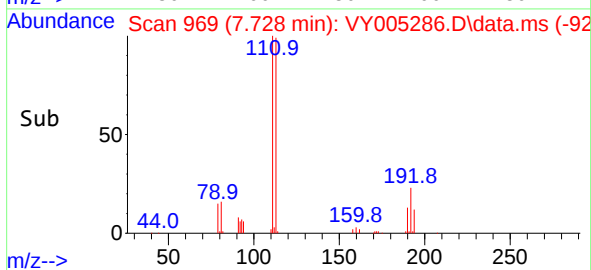
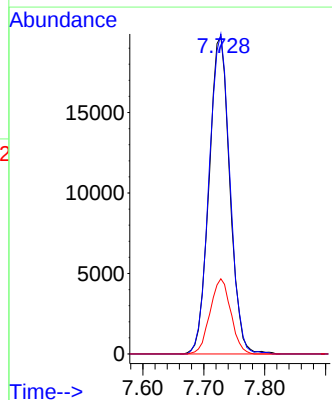
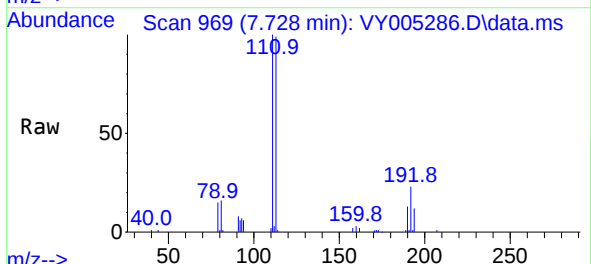
Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.2
88	14.8	0.0	29.4

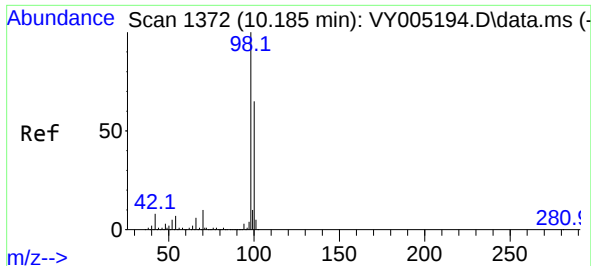


#35
Dibromofluoromethane
Concen: 53.609 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion:113 Resp: 46629

Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.6	124.0
192	23.7	20.2	30.2

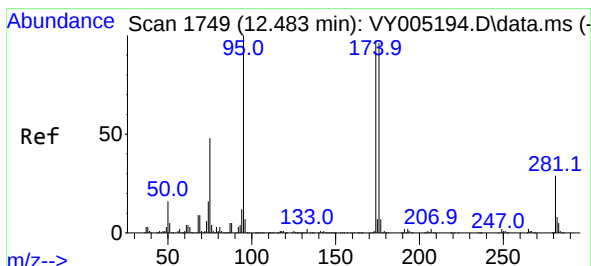
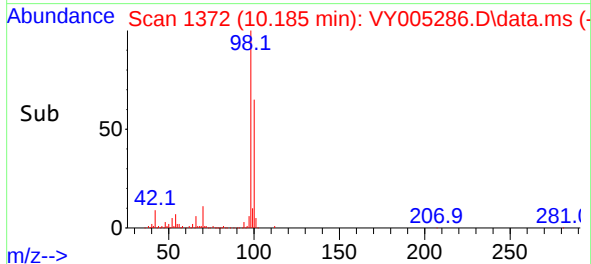
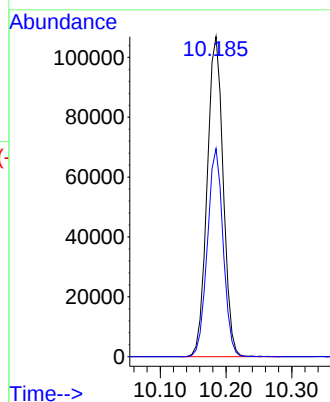
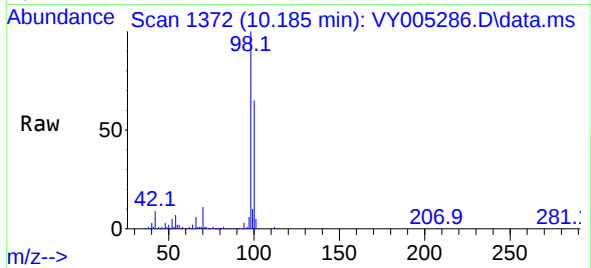




#50
Toluene-d8
Concen: 52.141 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

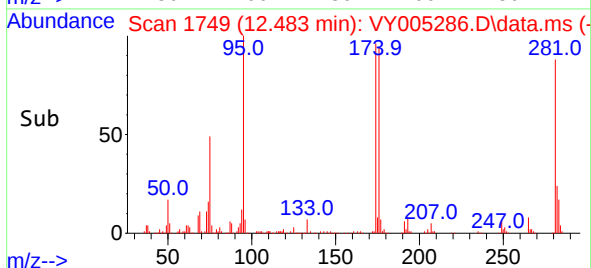
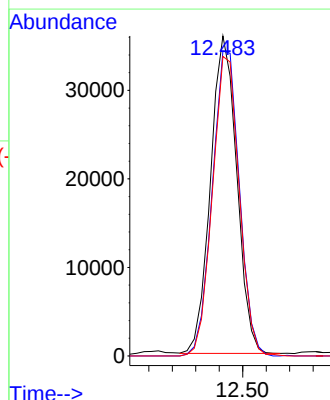
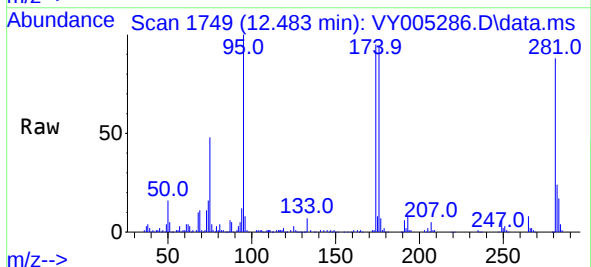
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

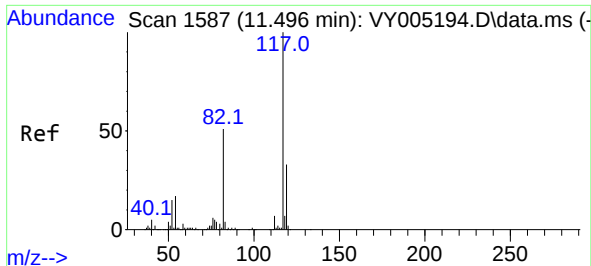
Tgt Ion: 98 Resp: 181367
Ion Ratio Lower Upper
98 100
100 63.8 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.950 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion: 95 Resp: 55579
Ion Ratio Lower Upper
95 100
174 99.2 0.0 201.6
176 96.2 0.0 197.4

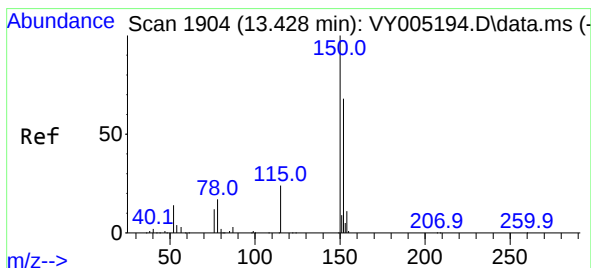
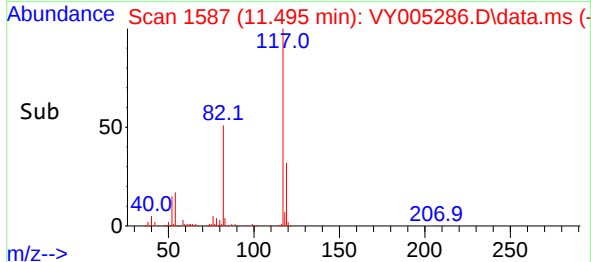
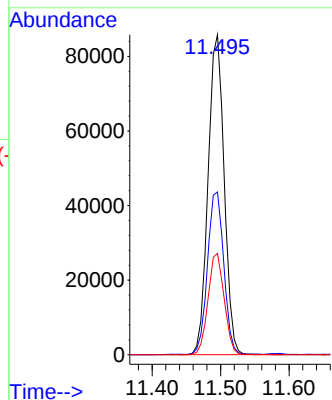
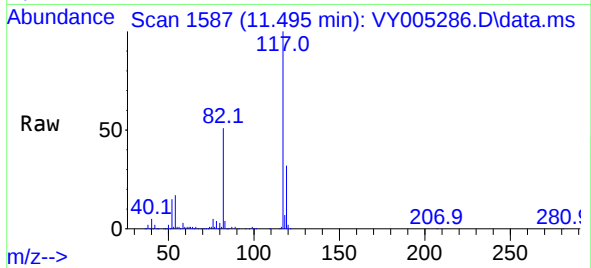




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005286.D
Acq: 29 Jun 2021 19:23

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-062821RE

Tgt Ion:	117	Resp:	140116
Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.6	60.8
119	31.6	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: VY005286.D
Acq: 29 Jun 2021 19:23

Tgt Ion:	152	Resp:	60045
Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.3	78.8
150	154.3	0.0	344.2

