

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005638.D
 Acq On : 13 Aug 2021 16:52
 Operator : SY/MD
 Sample : M3408-01
 Misc : 9.6G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31S

Quant Time: Aug 14 03:36:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	230817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	391527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	392971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	201976	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148179	63.421	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	126.840%
35) Dibromofluoromethane	7.728	113	117078	53.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.820%
50) Toluene-d8	10.185	98	499269	54.307	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.620%
62) 4-Bromofluorobenzene	12.483	95	180494	59.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.580%

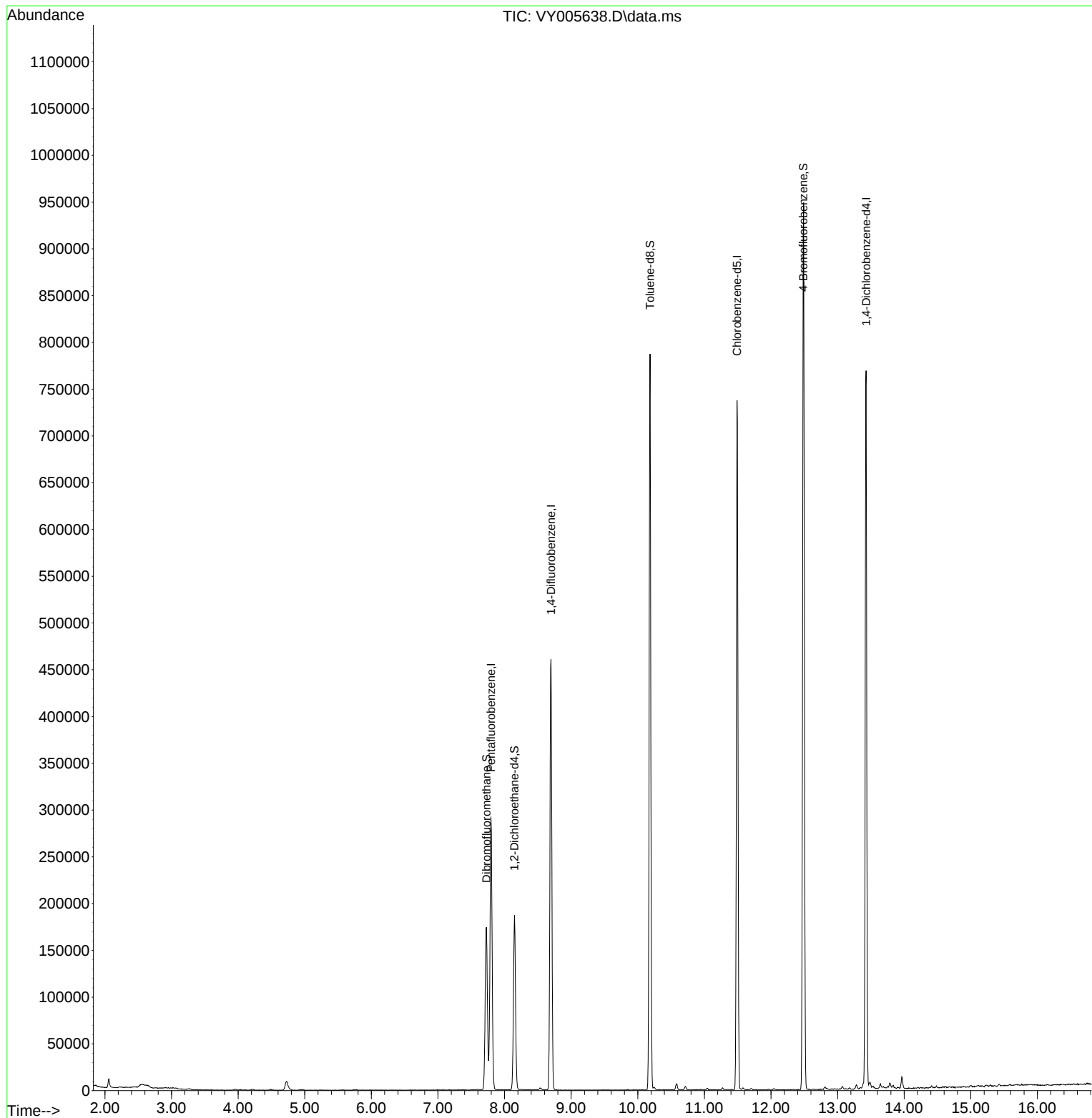
Target Compounds	Qvalue

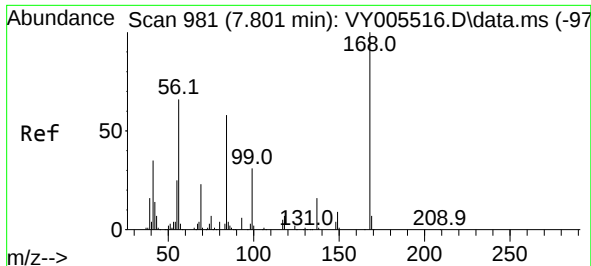
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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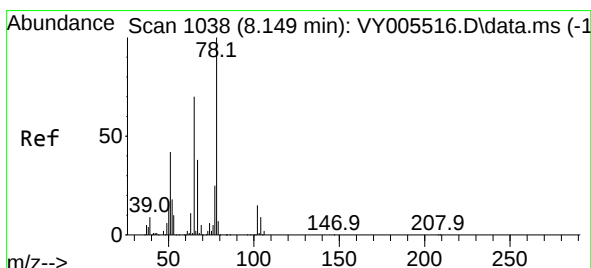
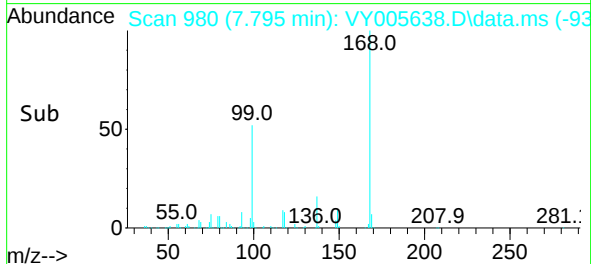
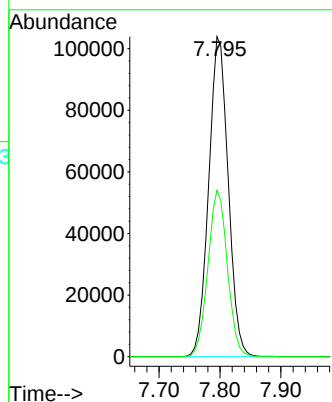
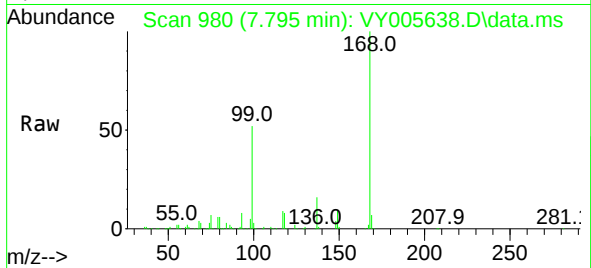




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

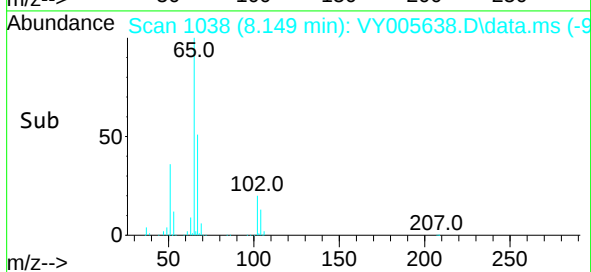
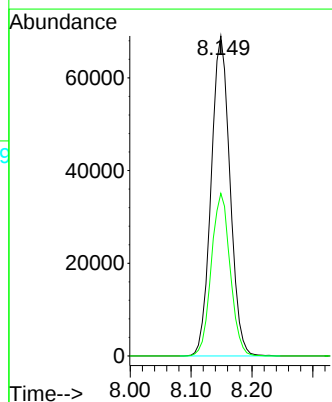
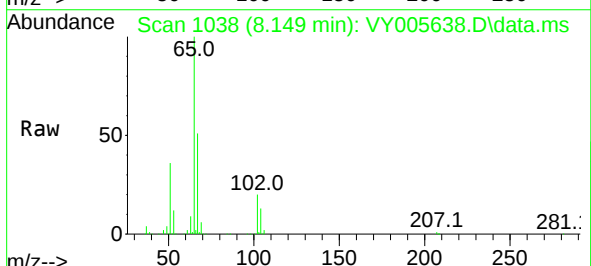
Instrument :
MSVOA_Y
ClientSampled :
31S

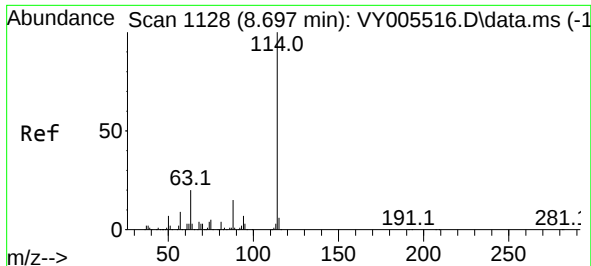
Tgt Ion:168 Resp: 230817
Ion Ratio Lower Upper
168 100
99 52.0 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 63.421 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 65 Resp: 148179
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.4

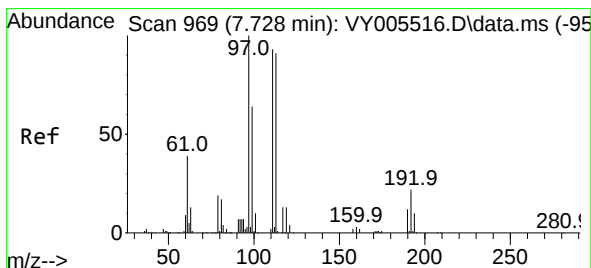
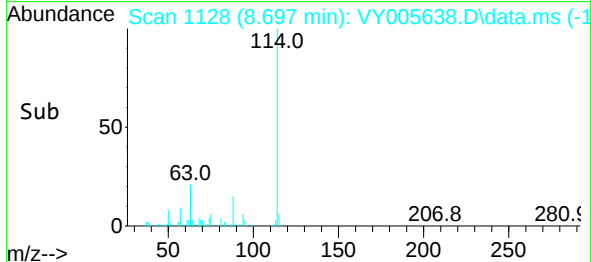
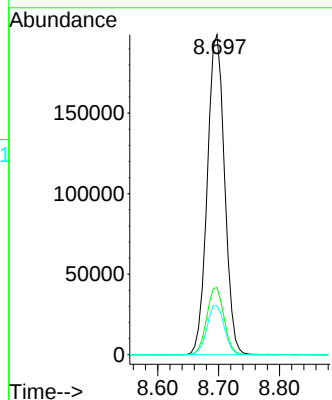
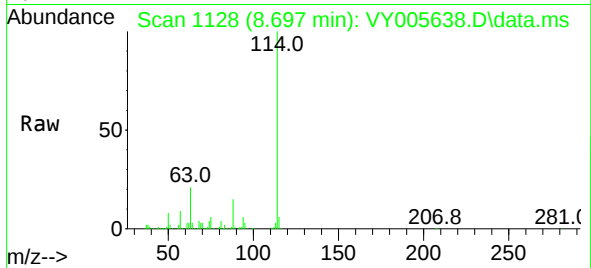




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

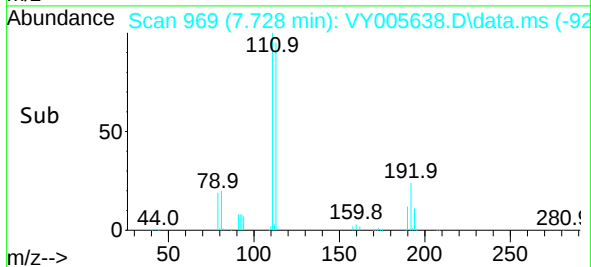
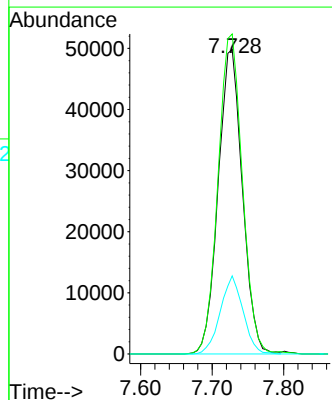
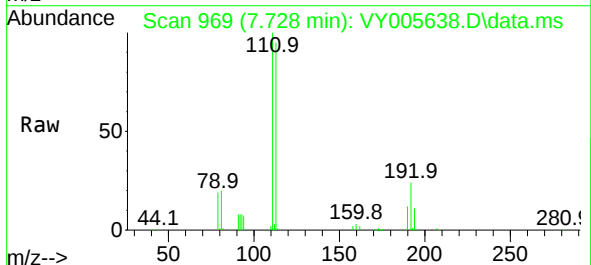
Instrument :
MSVOA_Y
ClientSampled :
31S

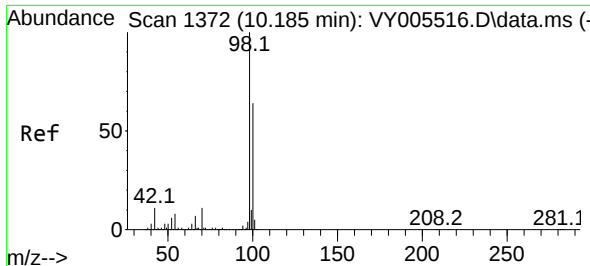
Tgt Ion:	114	Resp:	391527
Ion Ratio	Lower	Upper	
114	100		
63	21.0	0.0	39.2
88	15.2	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.410 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion:	113	Resp:	117078
Ion Ratio	Lower	Upper	
113	100		
111	105.7	81.9	122.9
192	24.1	19.2	28.8

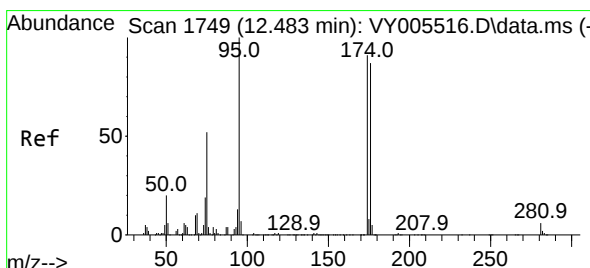
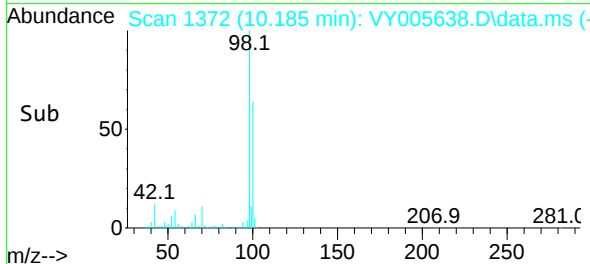
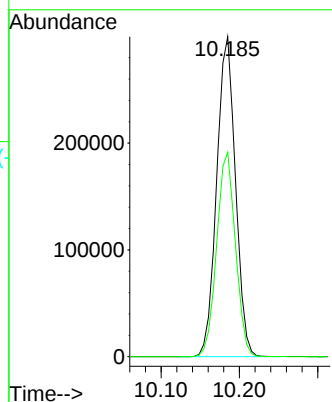
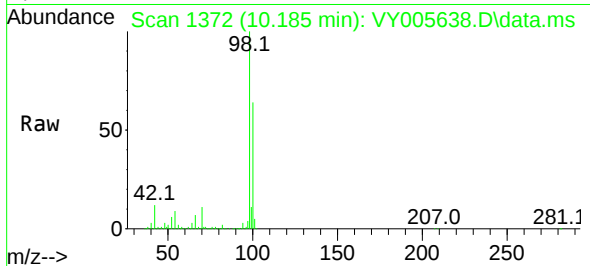




#50
Toluene-d8
Concen: 54.307 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

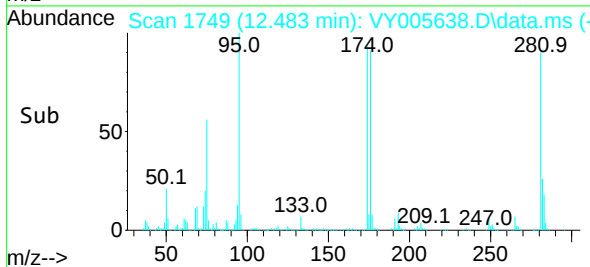
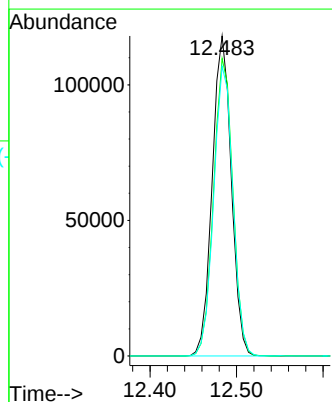
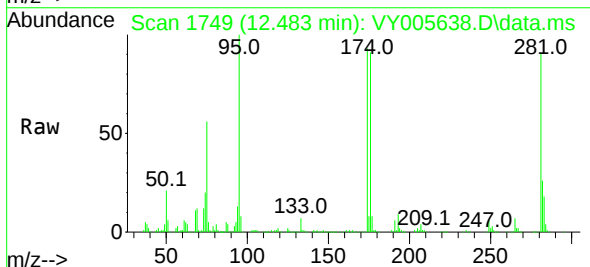
Instrument :
MSVOA_Y
ClientSampleId :
31S

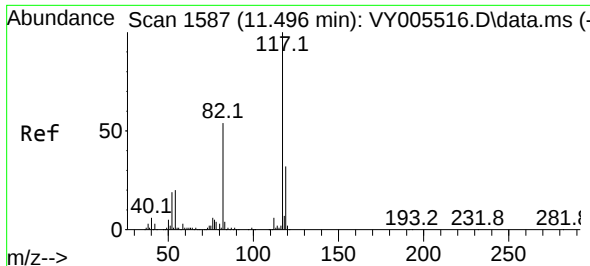
Tgt Ion: 98 Resp: 499269
Ion Ratio Lower Upper
98 100
100 63.8 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 59.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion: 95 Resp: 180494
Ion Ratio Lower Upper
95 100
174 93.9 0.0 191.4
176 91.4 0.0 183.6

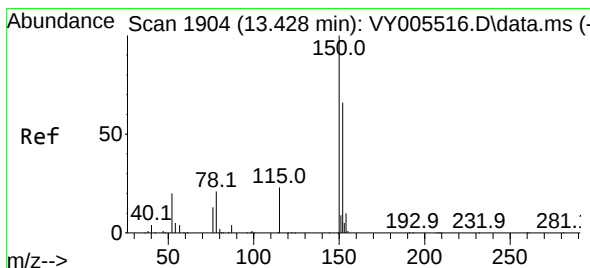
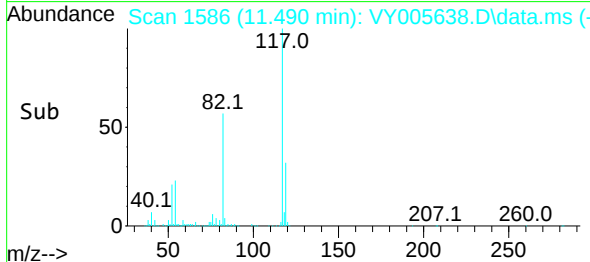
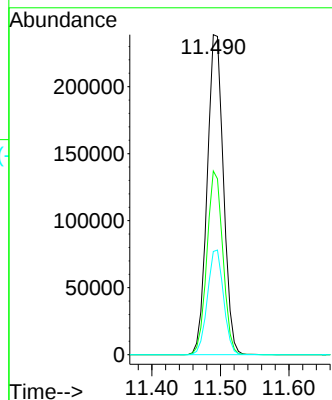
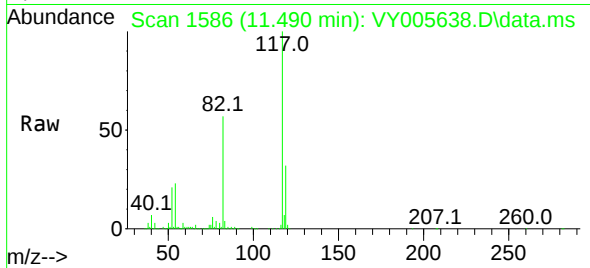




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Instrument :
MSVOA_Y
ClientSampleId :
31S

Tgt Ion:117 Resp: 392971
Ion Ratio Lower Upper
117 100
82 57.4 43.5 65.3
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005638.D
Acq: 13 Aug 2021 16:52

Tgt Ion:152 Resp: 201976
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 157.0 0.0 350.2

