

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005637.D
 Acq On : 13 Aug 2021 16:29
 Operator : SY/MD
 Sample : M3405-01
 Misc : 5.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CL-01-081221

Quant Time: Aug 14 03:36:18 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	7.801	168	255416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	441319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	396738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	202409	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	153740	59.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.920%
35) Dibromofluoromethane	7.728	113	133558	54.054	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.100%
50) Toluene-d8	10.185	98	509419	49.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.483	95	177933	51.852	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.700%

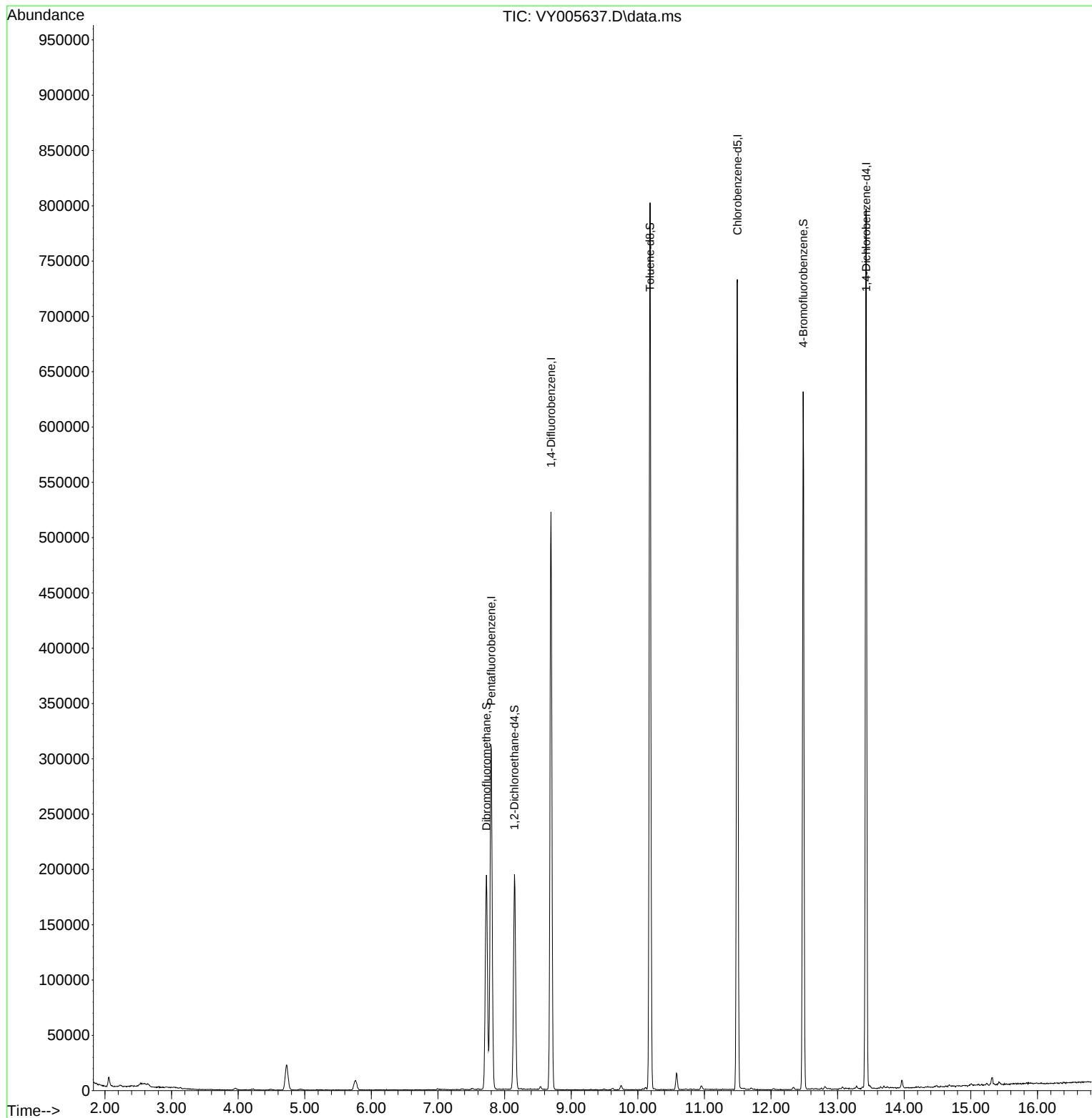
Target Compounds	Qvalue

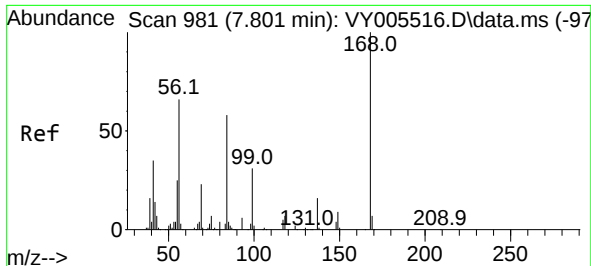
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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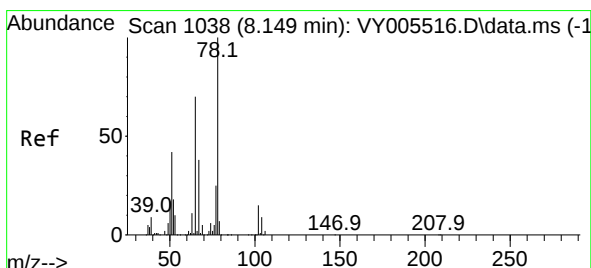
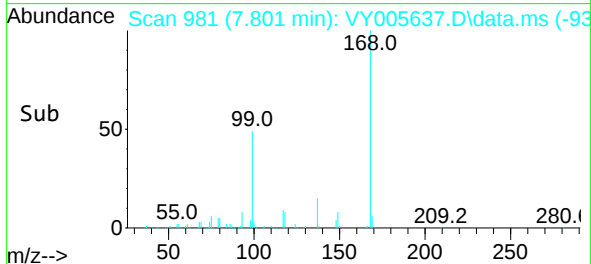
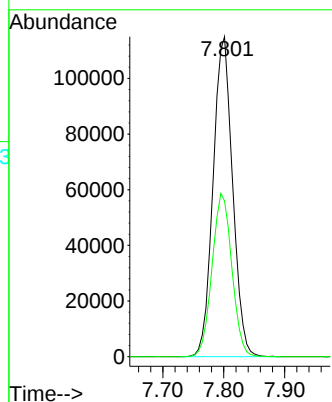
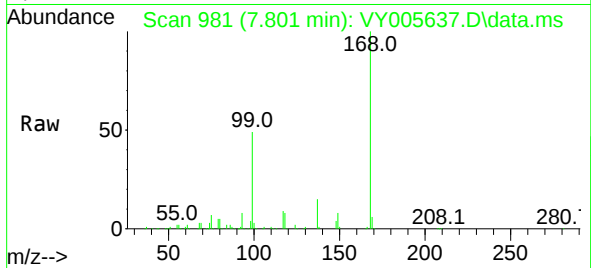




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

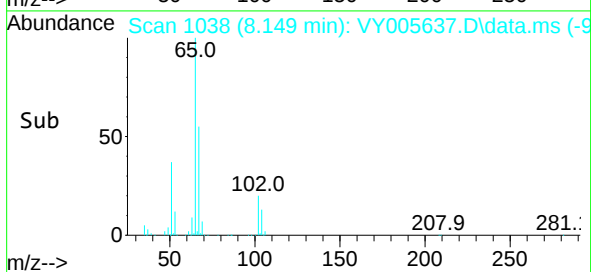
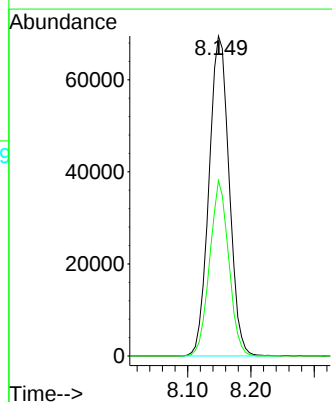
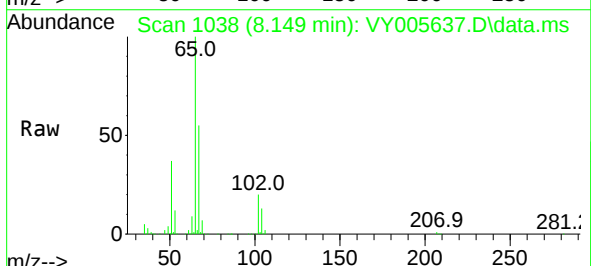
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-081221

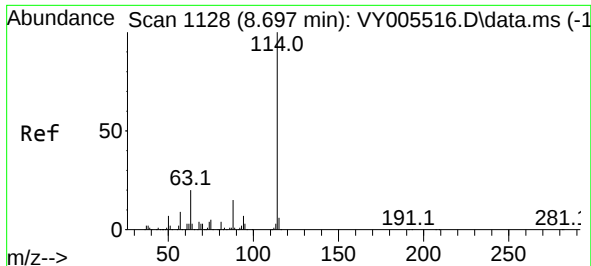
Tgt Ion:168 Resp: 255416
Ion Ratio Lower Upper
168 100
99 48.7 38.9 58.3



#33
1,2-Dichloroethane-d4
Concen: 59.464 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 65 Resp: 153740
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.4

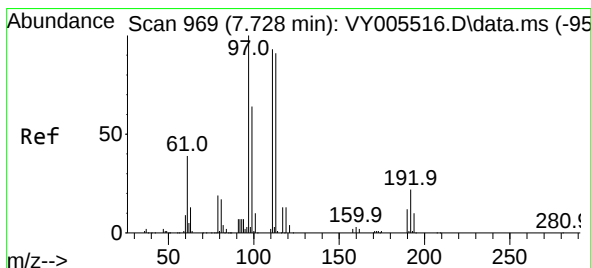
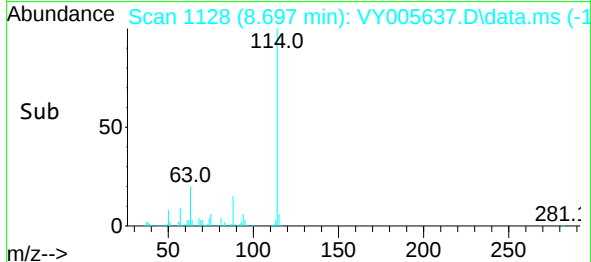
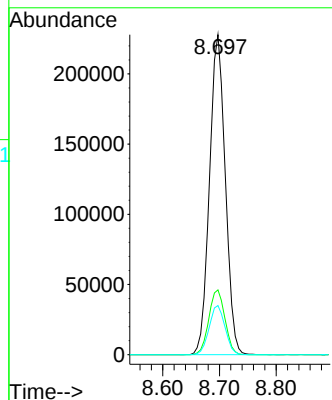
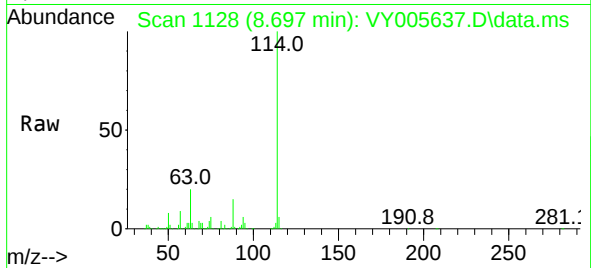




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

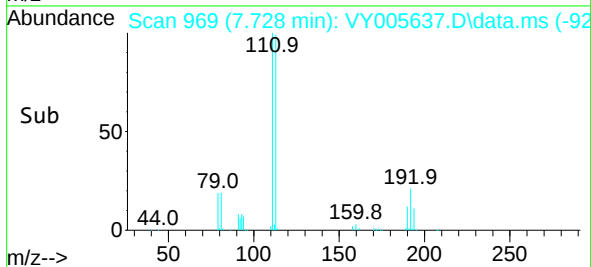
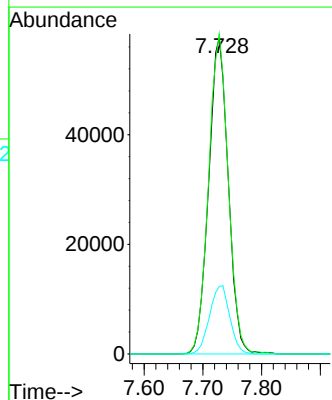
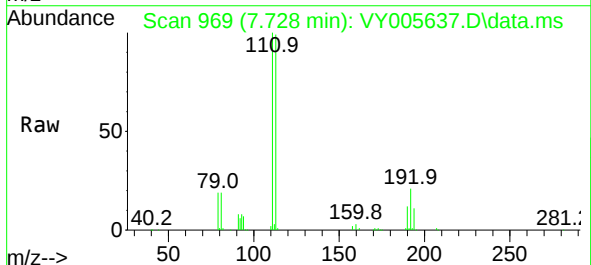
Instrument :
MSVOA_Y
ClientSampled :
CL-01-081221

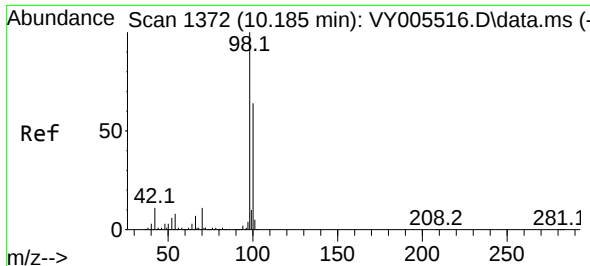
Tgt Ion:114 Resp: 441319
Ion Ratio Lower Upper
114 100
63 20.3 0.0 39.2
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.054 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion:113 Resp: 133558
Ion Ratio Lower Upper
113 100
111 101.7 81.9 122.9
192 22.3 19.2 28.8

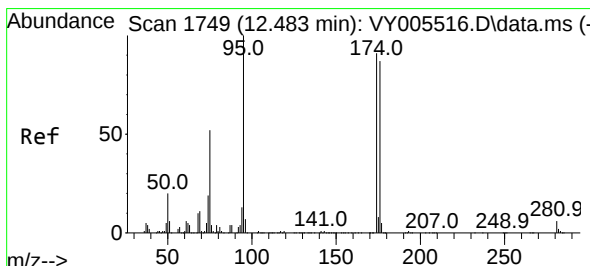
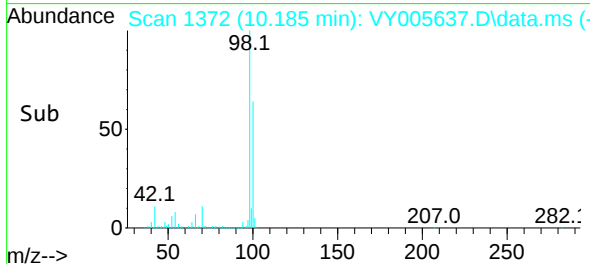
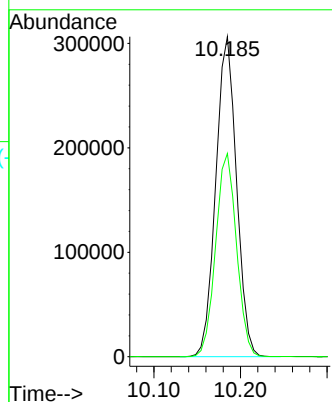
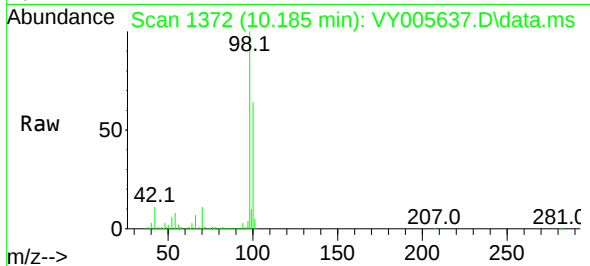




#50
Toluene-d8
Concen: 49.160 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

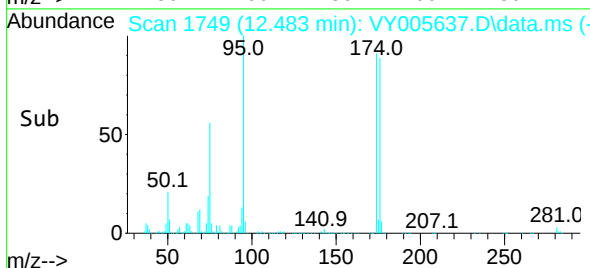
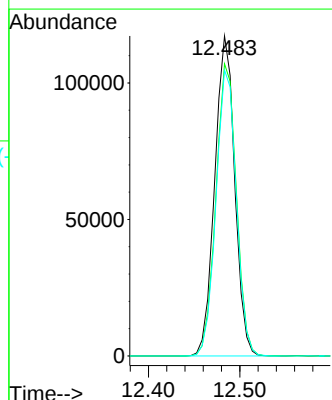
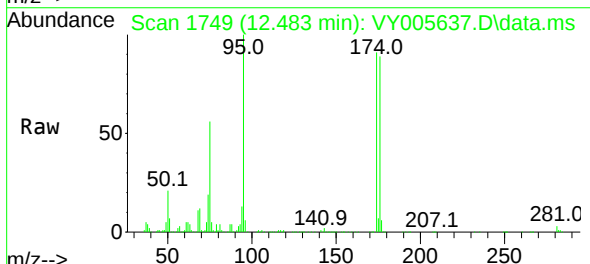
Instrument :
MSVOA_Y
ClientSampleId :
CL-01-081221

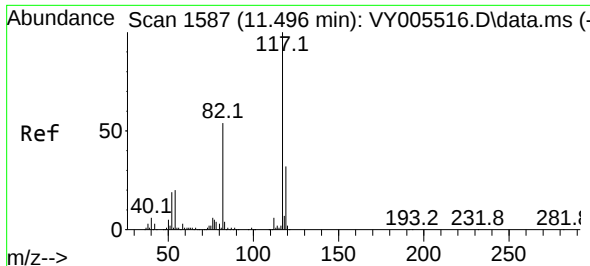
Tgt Ion: 98 Resp: 509419
Ion Ratio Lower Upper
98 100
100 63.9 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 51.852 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion: 95 Resp: 177933
Ion Ratio Lower Upper
95 100
174 93.7 0.0 191.4
176 90.9 0.0 183.6

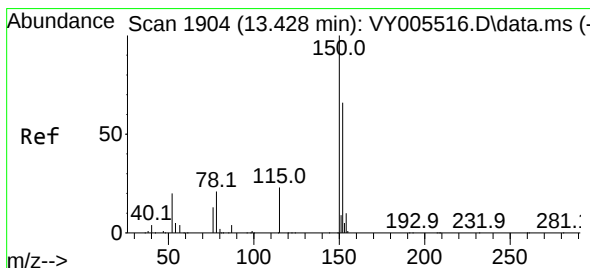
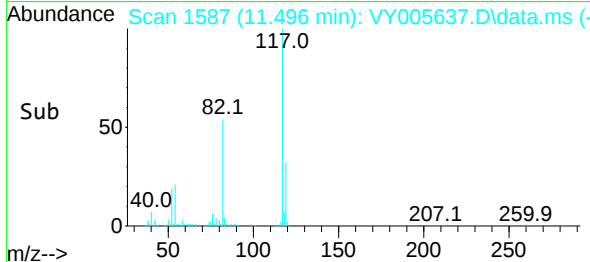
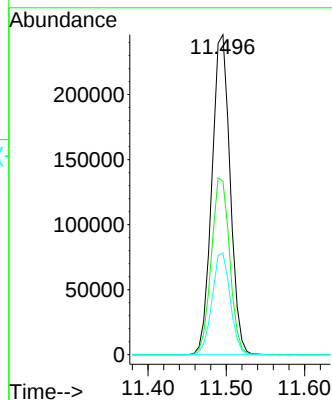
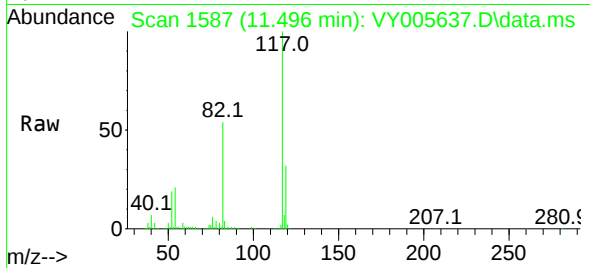




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005637.D
Acq: 13 Aug 2021 16:29

Instrument :
MSVOA_Y
ClientSampleId :
CL-01-081221

Tgt Ion:117 Resp: 396738
Ion Ratio Lower Upper
117 100
82 54.2 43.5 65.3
119 31.7 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: VY005637.D
Acq: 13 Aug 2021 16:29

Tgt Ion:152 Resp: 202409
Ion Ratio Lower Upper
152 100
115 54.6 27.3 81.9
150 155.4 0.0 350.2

