

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006136.D
 Acq On : 24 Sep 2021 14:22
 Operator : SY/MD
 Sample : M3916-13
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BRICK-1

Quant Time: Sep 25 05:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091421S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 15 05:01:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	108489	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	177460	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	164242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76002	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70732	46.936	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.880%
35) Dibromofluoromethane	7.722	113	52900	47.993	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.980%
50) Toluene-d8	10.185	98	220779	46.997	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	94.000%
62) 4-Bromofluorobenzene	12.483	95	68737	43.096	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.200%

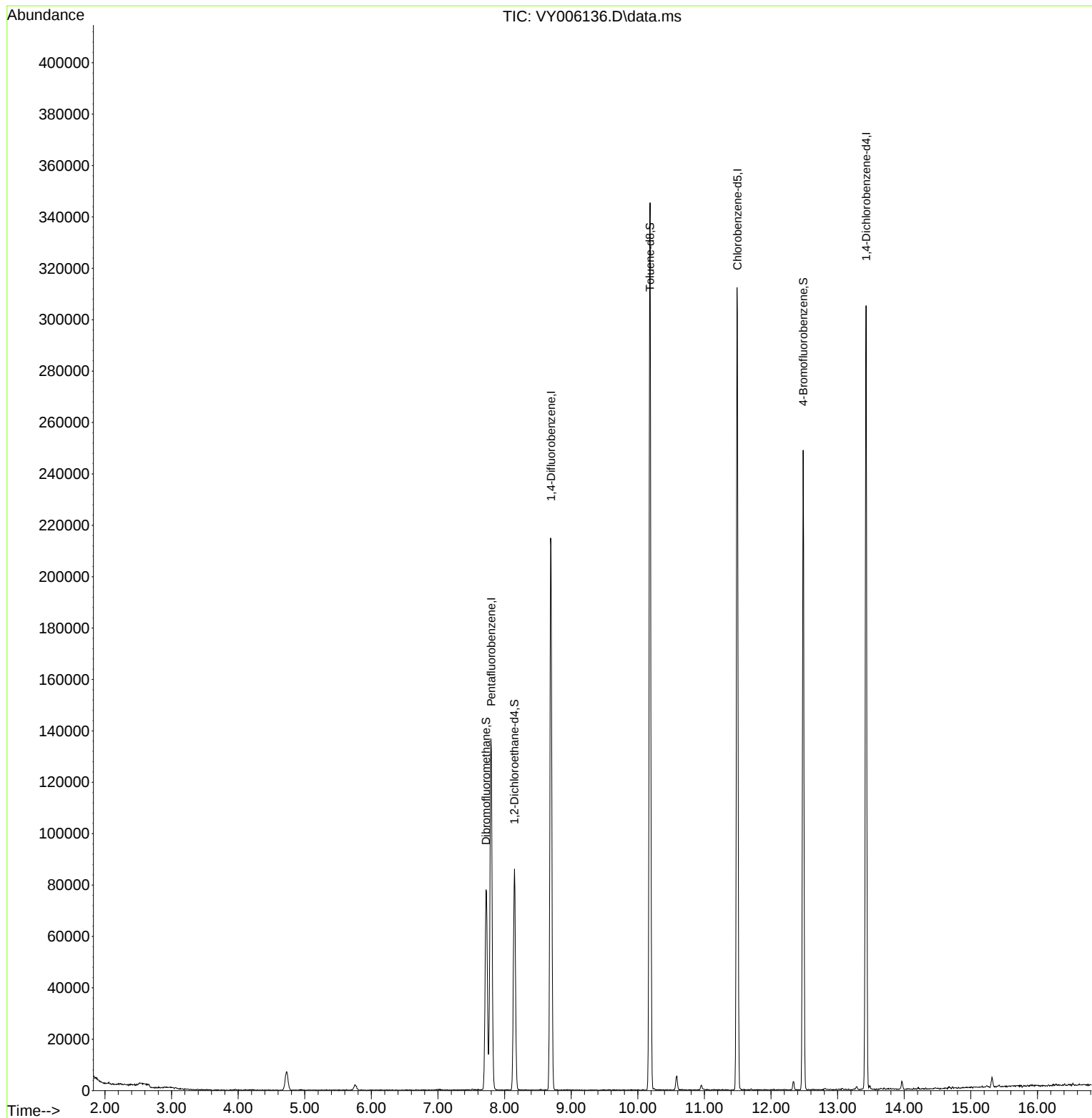
Target Compounds	Qvalue

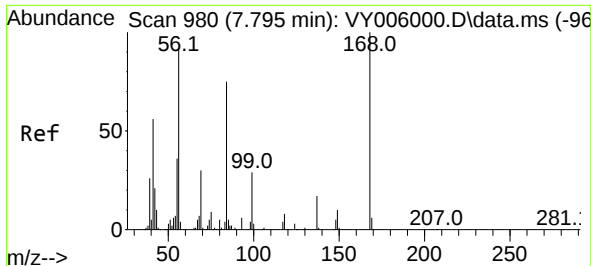
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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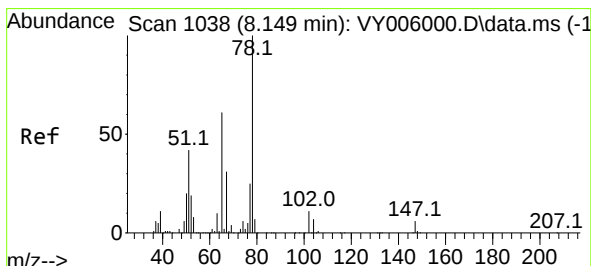
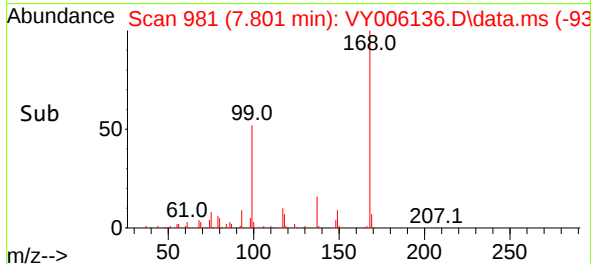
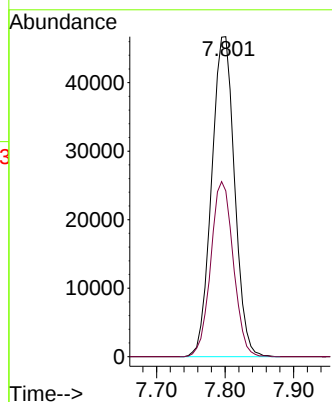
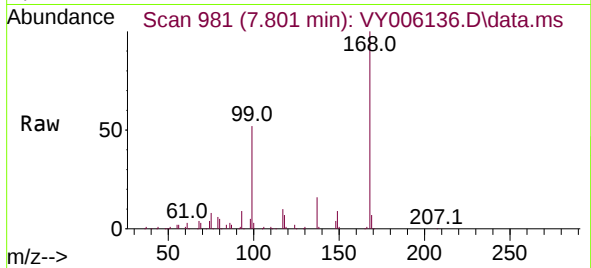




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

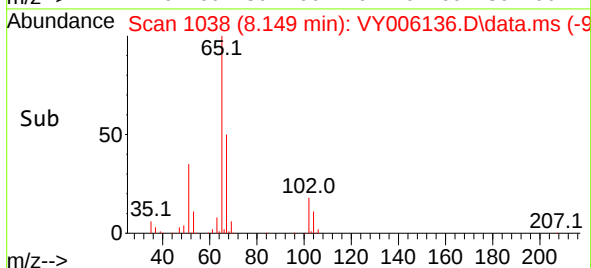
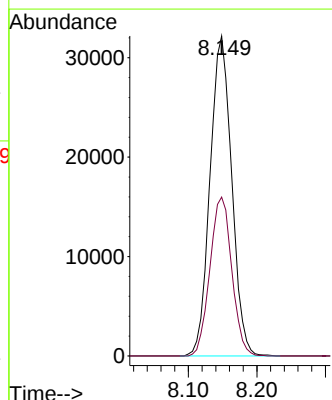
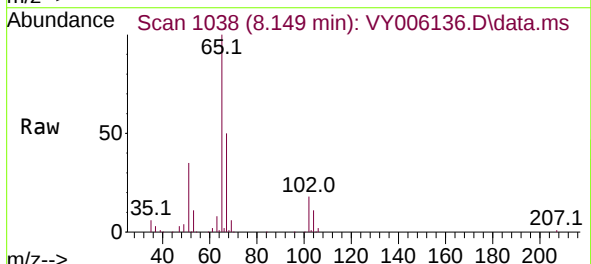
Instrument :
MSVOA_Y
ClientSampled :
BRICK-1

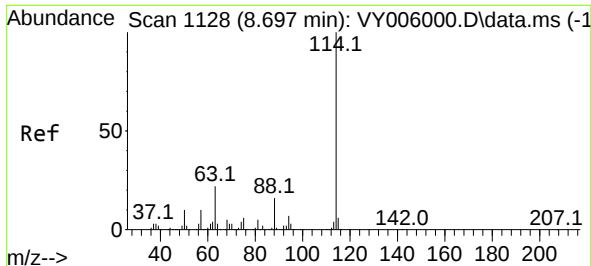
Tgt Ion:168 Resp: 108489
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.936 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion: 65 Resp: 70732
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006136.D

Acq: 24 Sep 2021 14:22

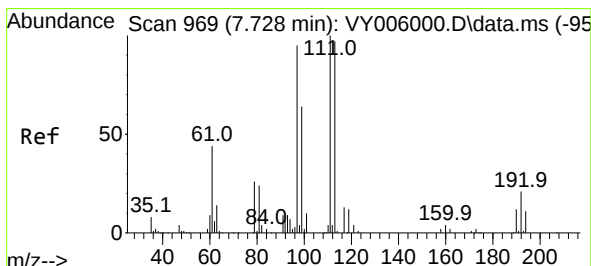
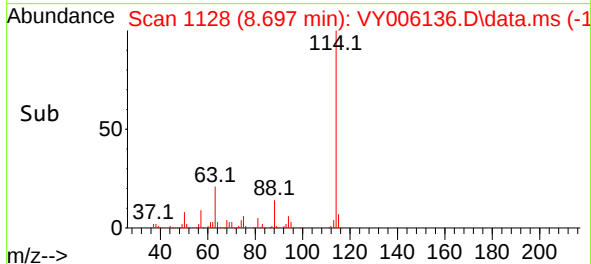
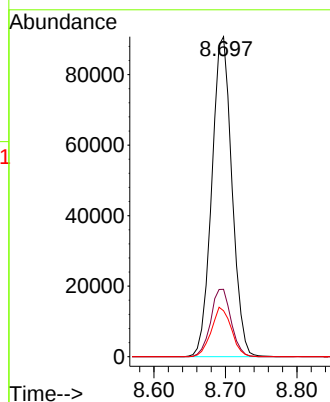
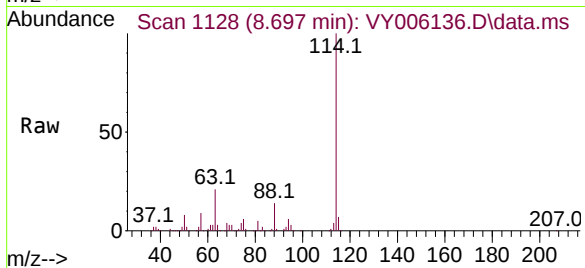
Instrument :

MSVOA_Y

ClientSampleId :

BRICK-1

Tgt Ion:114	Resp:	177460
Ion Ratio	Lower	Upper
114	100	
63	21.1	0.0 43.2
88	14.3	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.993 ug/l

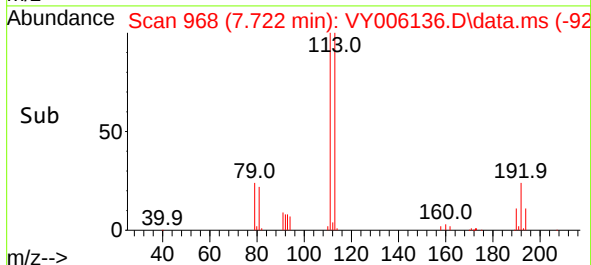
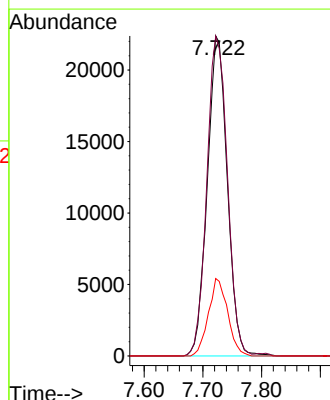
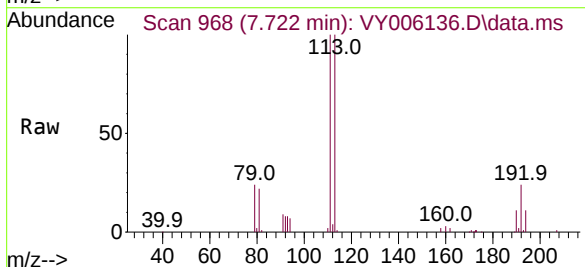
RT: 7.722 min Scan# 968

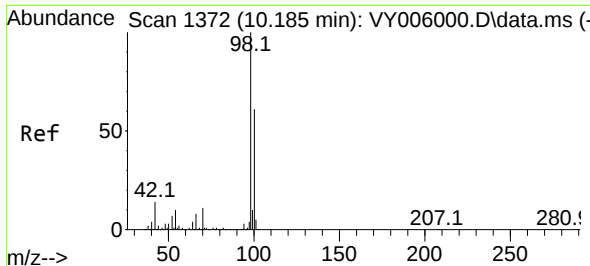
Delta R.T. -0.006 min

Lab File: VY006136.D

Acq: 24 Sep 2021 14:22

Tgt Ion:113	Resp:	52900
Ion Ratio	Lower	Upper
113	100	
111	102.8	82.6 124.0
192	23.3	17.6 26.4

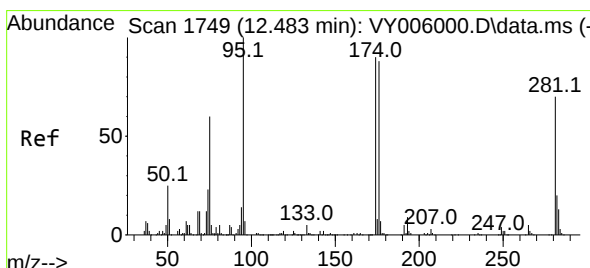
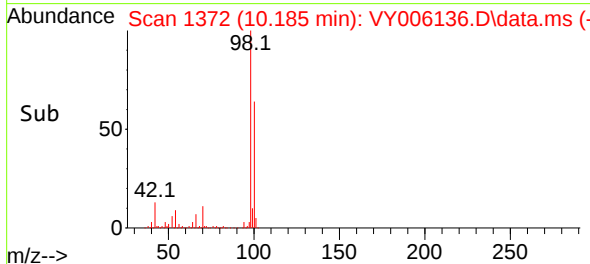
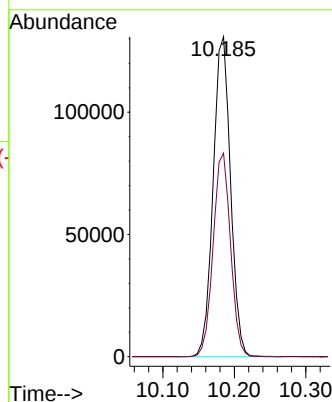
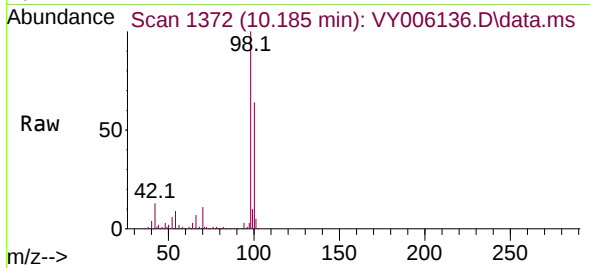




#50
Toluene-d8
Concen: 46.997 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

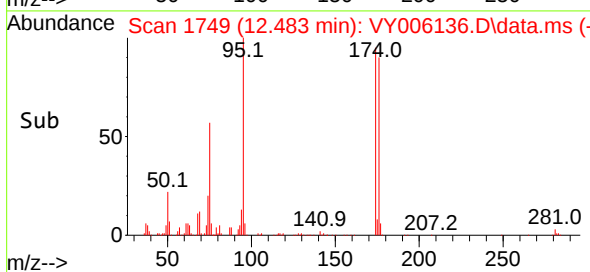
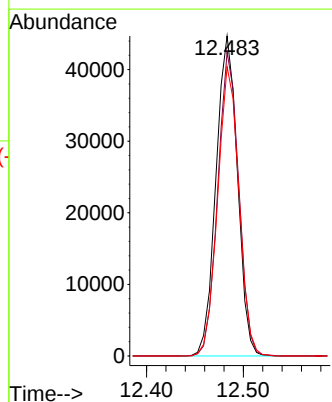
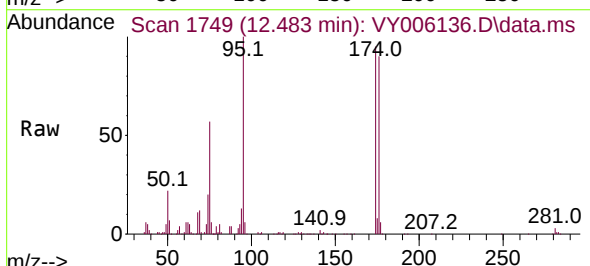
Instrument :
MSVOA_Y
ClientSampleId :
BRICK-1

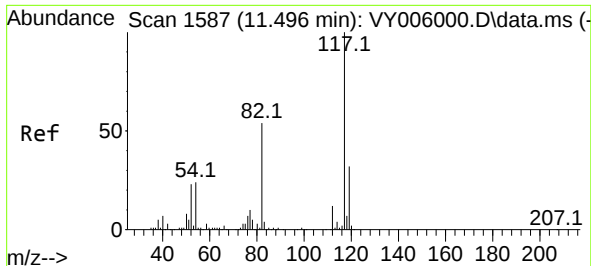
Tgt Ion: 98 Resp: 220779
Ion Ratio Lower Upper
98 100
100 63.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.096 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion: 95 Resp: 68737
Ion Ratio Lower Upper
95 100
174 92.9 0.0 177.0
176 89.8 0.0 175.8

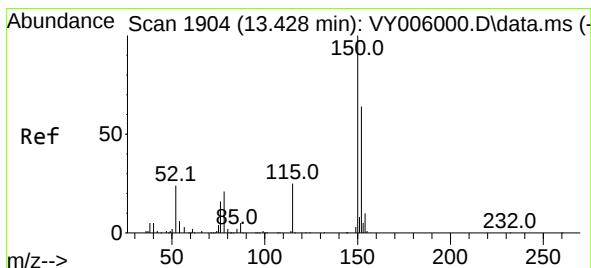
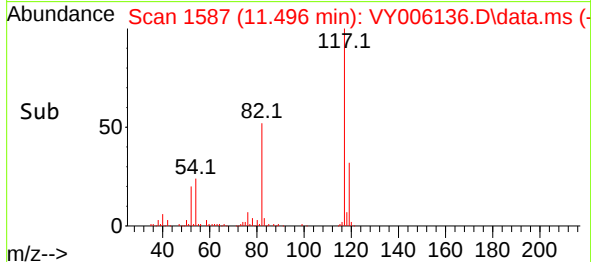
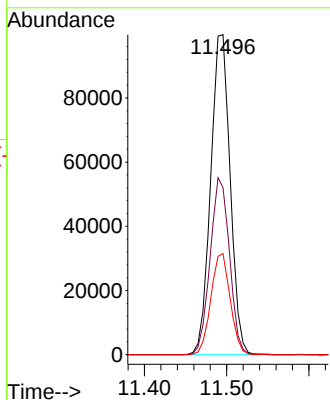
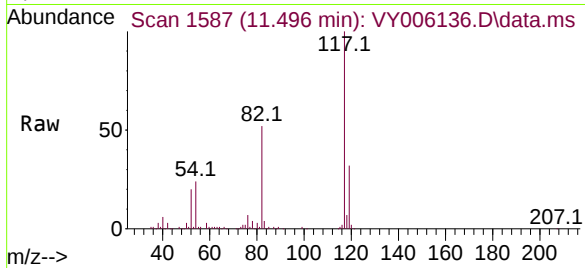




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Instrument :
MSVOA_Y
ClientSampleId :
BRICK-1

Tgt Ion:117 Resp: 164242
Ion Ratio Lower Upper
117 100
82 52.2 43.0 64.4
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006136.D
Acq: 24 Sep 2021 14:22

Tgt Ion:152 Resp: 76002
Ion Ratio Lower Upper
152 100
115 56.2 28.2 84.7
150 158.3 0.0 347.6

