

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004831.D
 Acq On : 18 May 2021 17:01
 Operator : SY/MD
 Sample : M2435-10
 Misc : 7.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HOMESTEAD-B

Quant Time: May 19 01:05:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	331313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131282	60.53	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.06%
35) Dibromofluoromethane	7.722	113	105055	56.66	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.32%
50) Toluene-d8	10.179	98	425054	50.75	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.50%
62) 4-Bromofluorobenzene	12.483	95	150317	53.17	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.34%

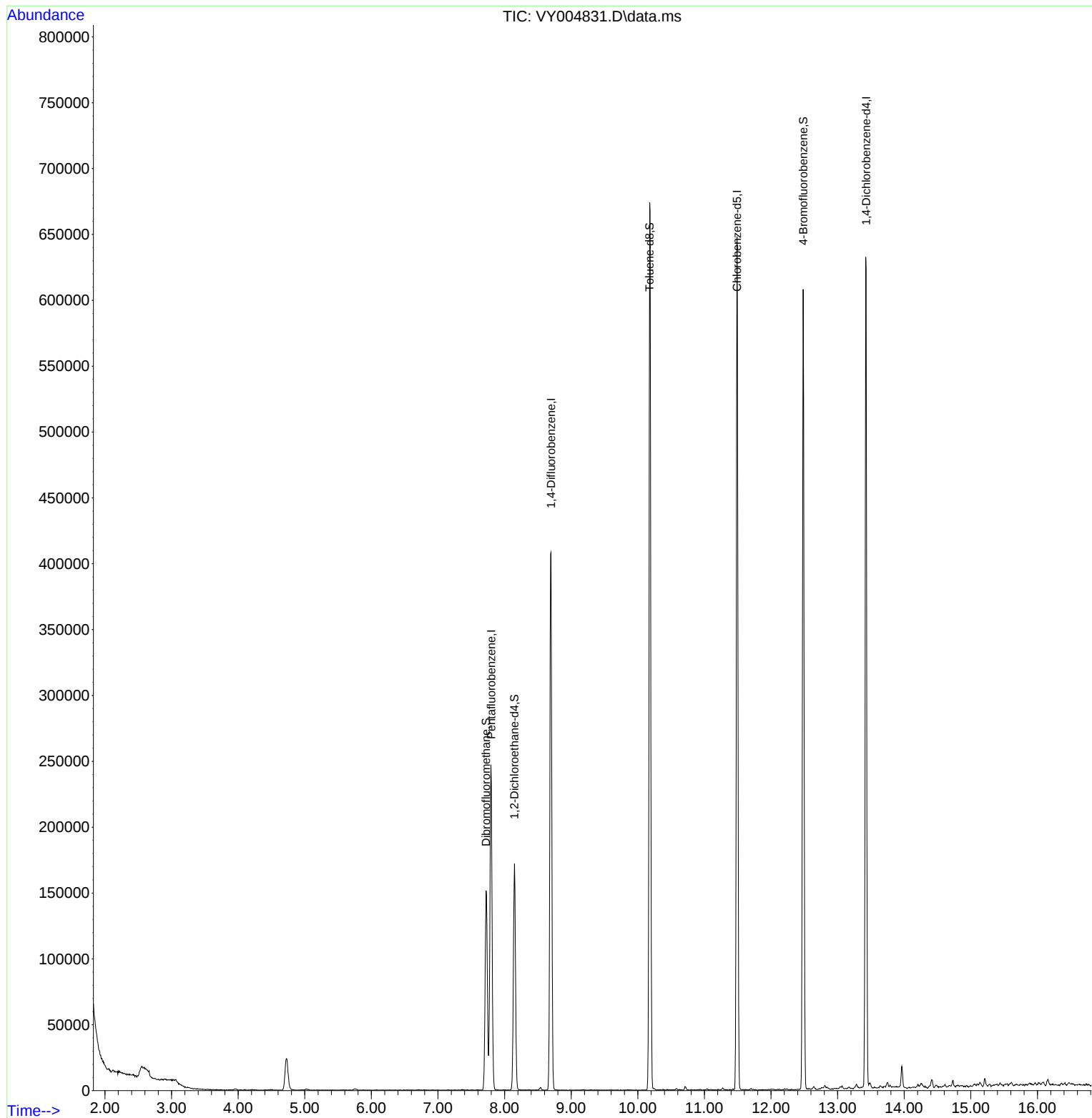
Target Compounds	Qvalue

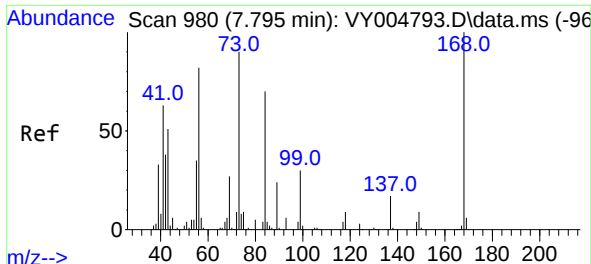
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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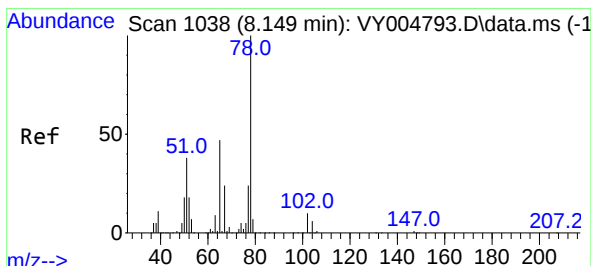
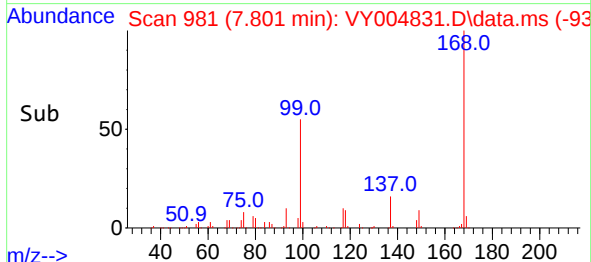
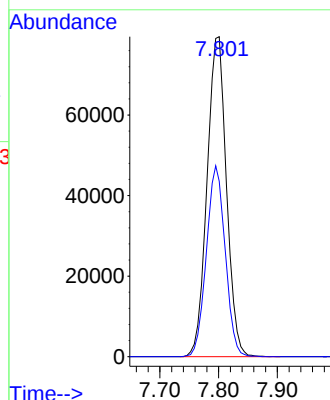
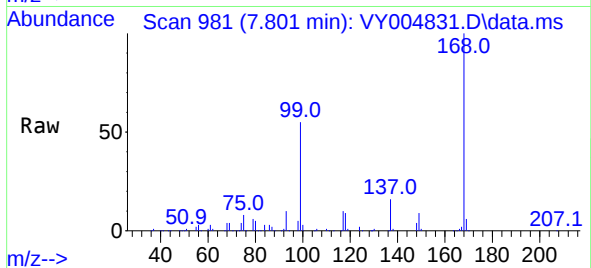




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

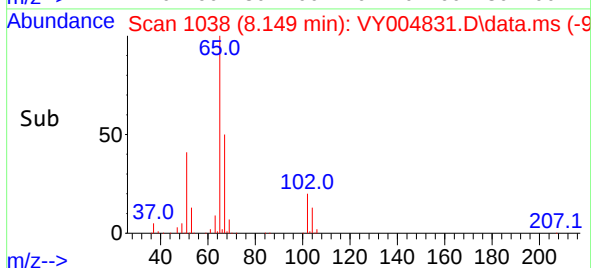
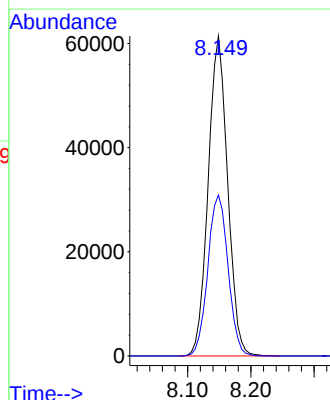
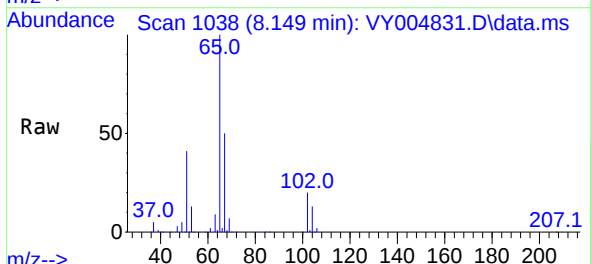
Instrument :
MSVOA_Y
ClientSampleId :
HOMESTEAD-B

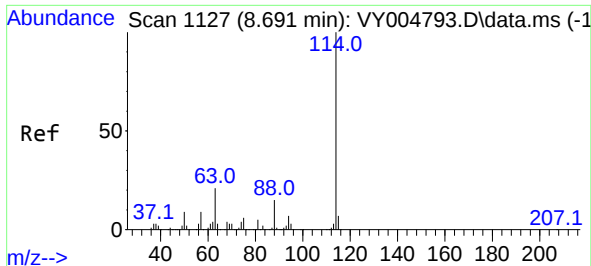
Tgt Ion:168 Resp: 182210
Ion Ratio Lower Upper
168 100
99 54.8 45.6 68.4



#33
1,2-Dichloroethane-d4
Concen: 60.53 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

Tgt Ion: 65 Resp: 131282
Ion Ratio Lower Upper
65 100
67 52.3 0.0 108.0



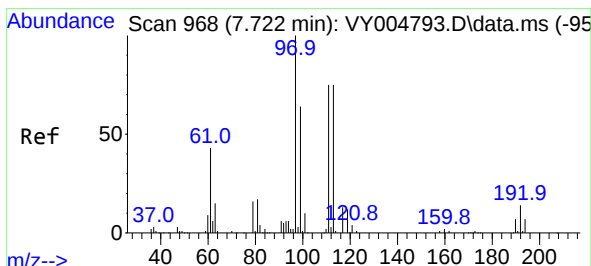
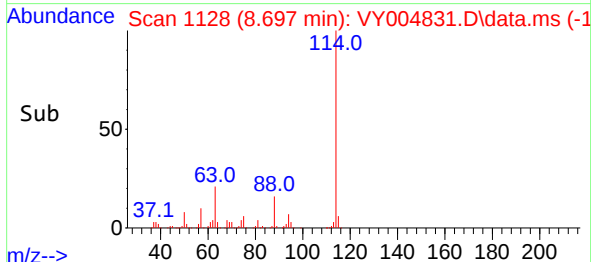
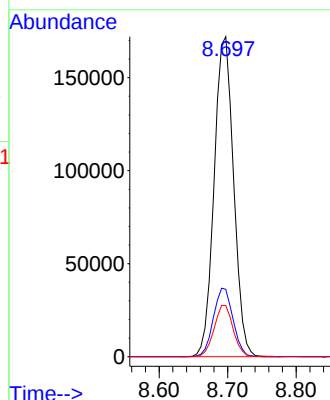
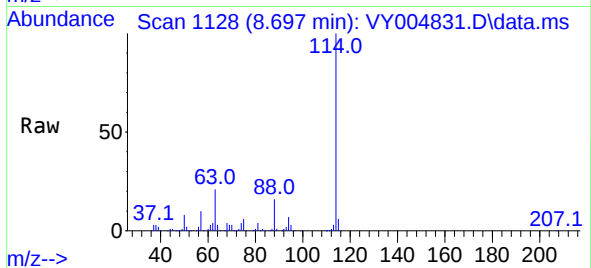


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

Instrument :
MSVOA_Y
ClientSampleId :
HOMESTEAD-B

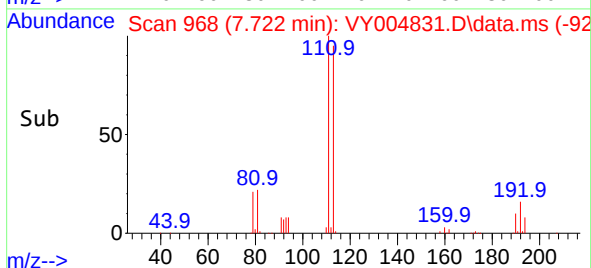
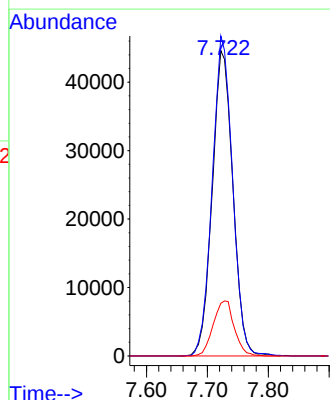
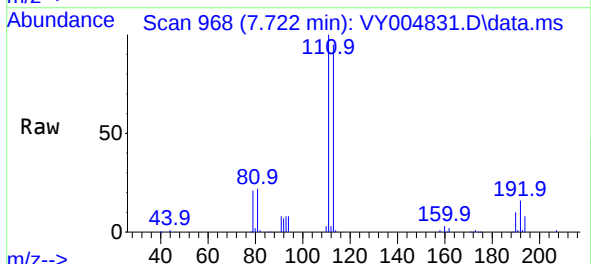
Tgt Ion:114 Resp: 338678
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.8
88 16.0 0.0 31.0

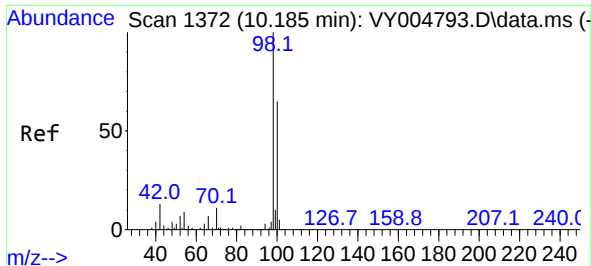


#35

Dibromofluoromethane
Concen: 56.66 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

Tgt Ion:113 Resp: 105055
Ion Ratio Lower Upper
113 100
111 103.1 80.5 120.7
192 18.4 15.0 22.6

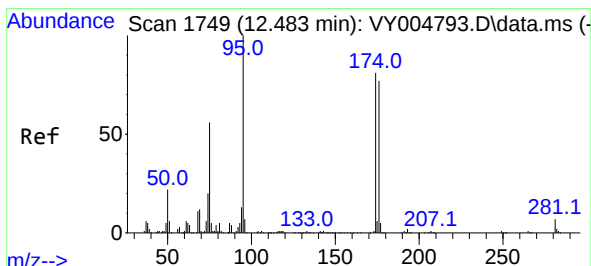
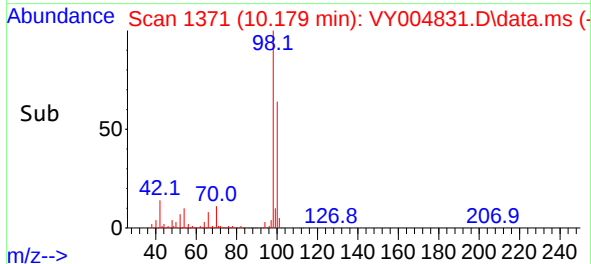
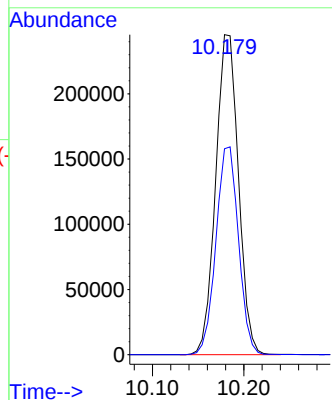
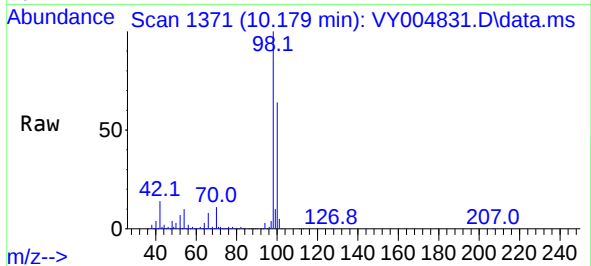




#50
Toluene-d8
Concen: 50.75 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

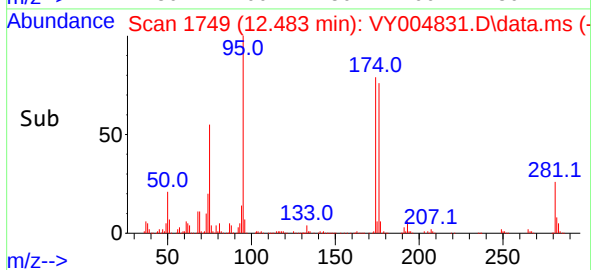
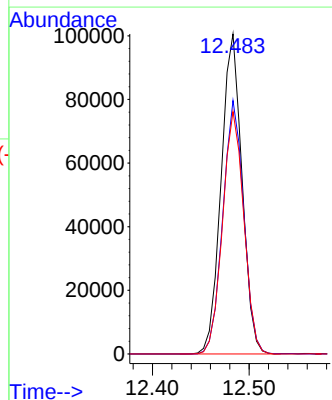
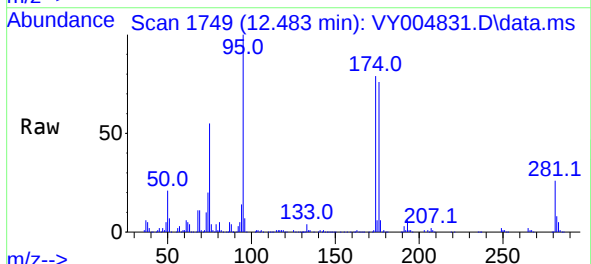
Instrument :
MSVOA_Y
ClientSampleId :
HOMESTEAD-B

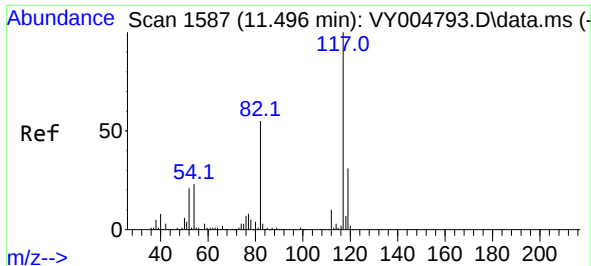
Tgt Ion: 98 Resp: 425054
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 53.17 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

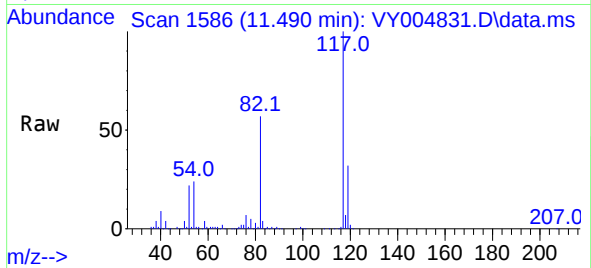
Tgt Ion: 95 Resp: 150317
Ion Ratio Lower Upper
95 100
174 79.4 0.0 164.2
176 77.2 0.0 159.0



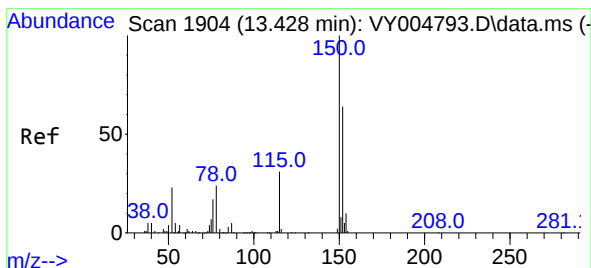
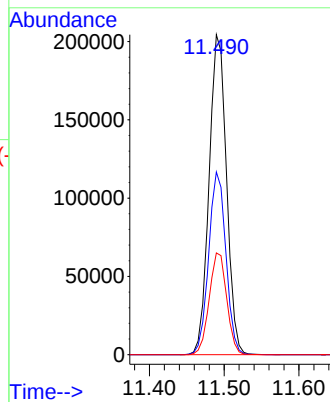
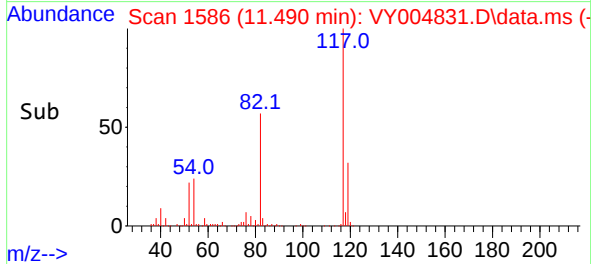


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01

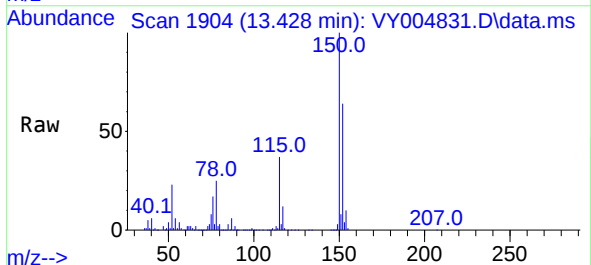
Instrument :
MSVOA_Y
ClientSampleId :
HOMESTEAD-B



Tgt Ion:117 Resp: 331313
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.2
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004831.D
Acq: 18 May 2021 17:01



Tgt Ion:152 Resp: 151907
Ion Ratio Lower Upper
152 100
115 59.3 29.4 88.3
150 157.8 0.0 349.8

