

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111921\
 Data File : VY006835.D
 Acq On : 19 Nov 2021 17:07
 Operator : SY/MD
 Sample : M4758-23
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP12

Quant Time: Nov 22 03:20:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

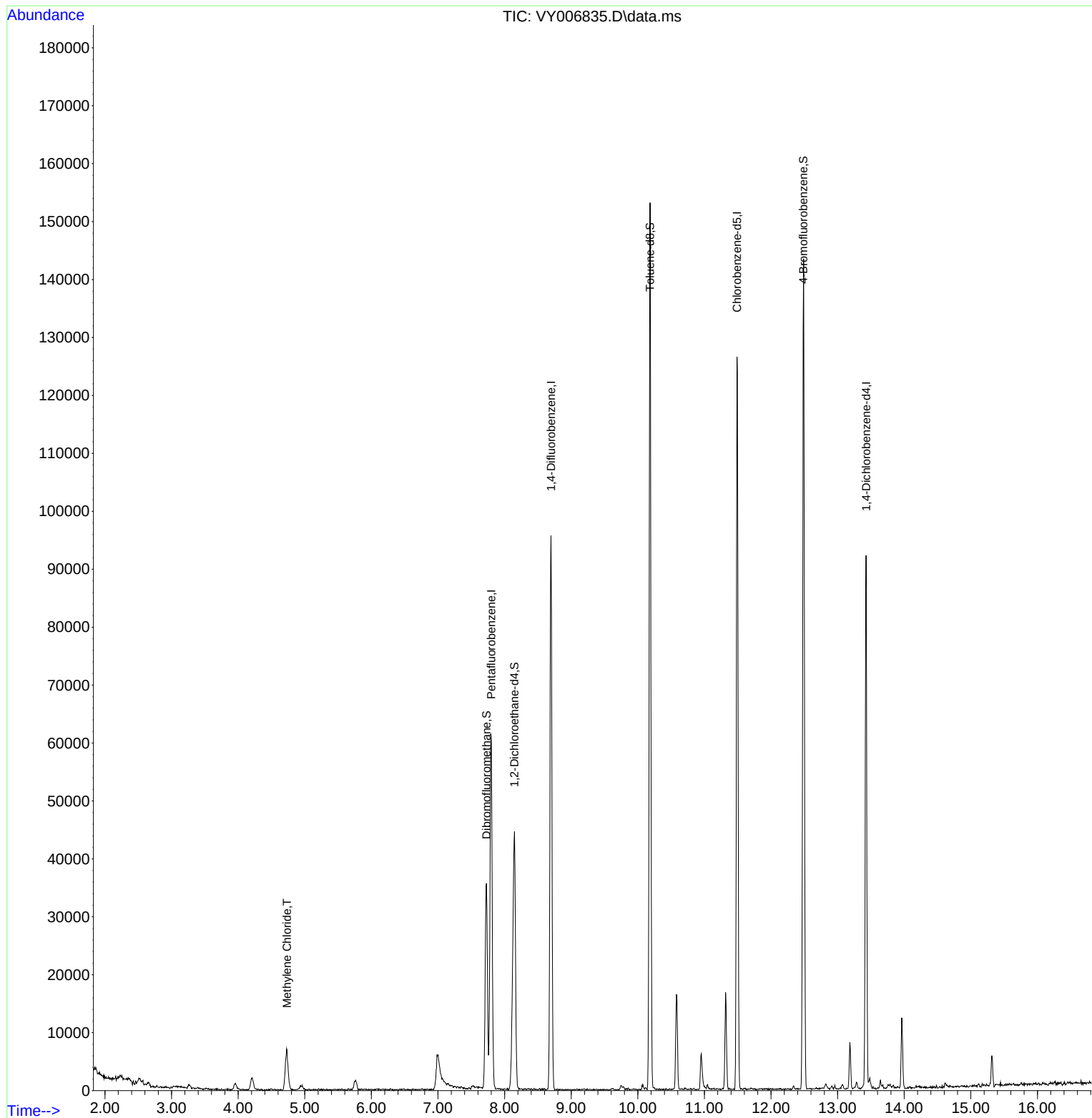
Internal Standards						
1) Pentafluorobenzene	7.801	168	47444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	75285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	62940	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	31790	51.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.240%	
35) Dibromofluoromethane	7.728	113	23584	51.000	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.000%	
50) Toluene-d8	10.185	98	93716	48.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.940%	
62) 4-Bromofluorobenzene	12.483	95	23523	36.463	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.920%	
Target Compounds						
20) Methylene Chloride	4.735	84	4573	5.030	ug/l	Qvalue 96

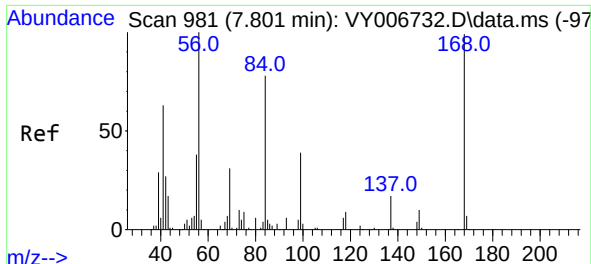
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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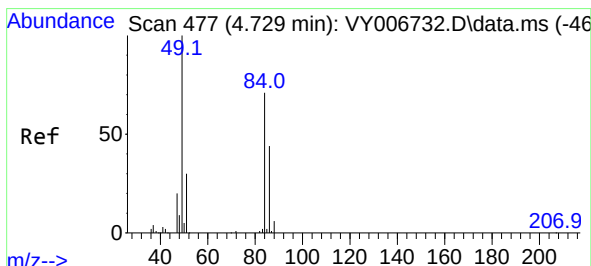
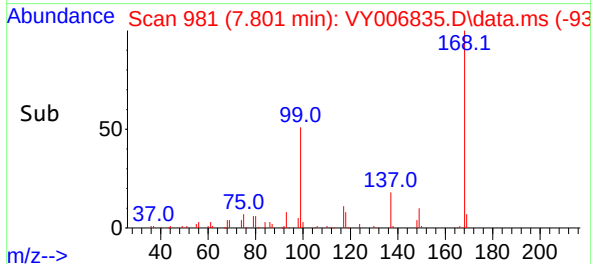
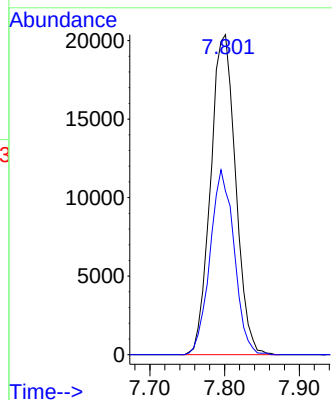
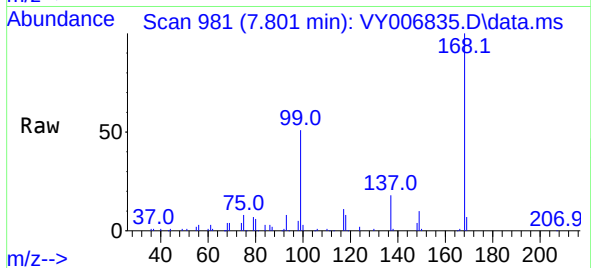




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

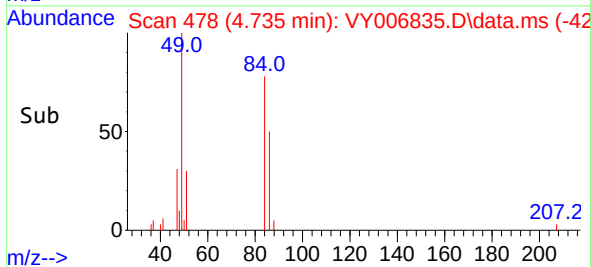
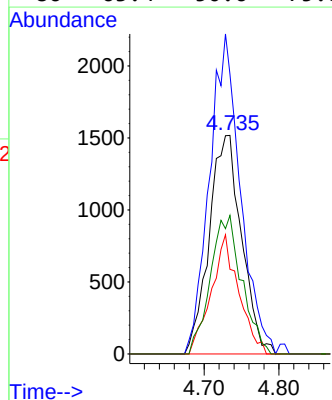
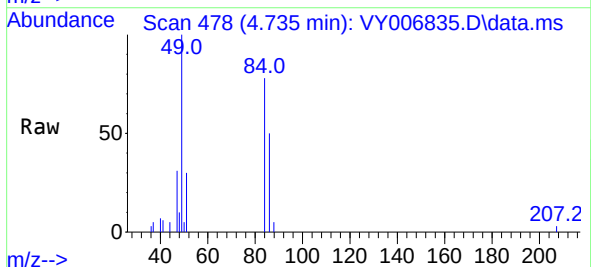
Instrument :
MSVOA_Y
ClientSampleId :
TP12

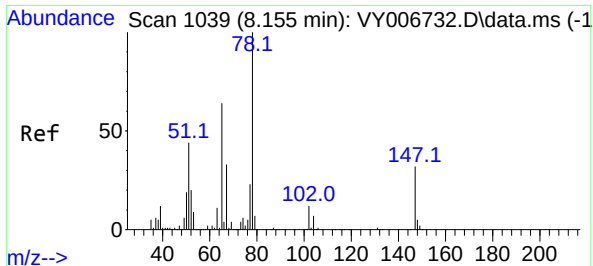
Tgt Ion:168 Resp: 47444
Ion Ratio Lower Upper
168 100
99 51.1 44.8 67.2



#20
Methylene Chloride
Concen: 5.030 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Tgt Ion: 84 Resp: 4573
Ion Ratio Lower Upper
84 100
49 127.9 107.8 161.8
51 38.7 32.8 49.2
86 63.4 50.6 75.8





#33

1,2-Dichloroethane-d4

Concen: 51.125 ug/l

RT: 8.149 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY006835.D

Acq: 19 Nov 2021 17:07

Instrument :

MSVOA_Y

ClientSampleId :

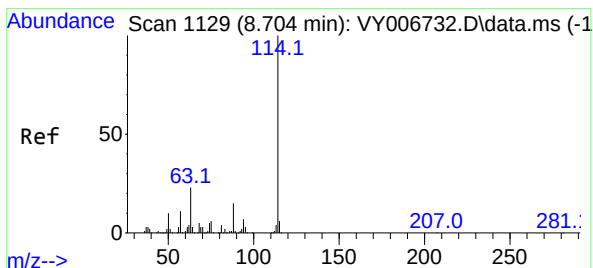
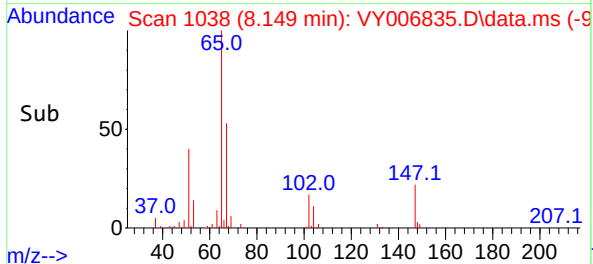
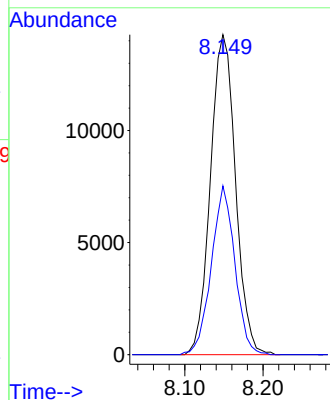
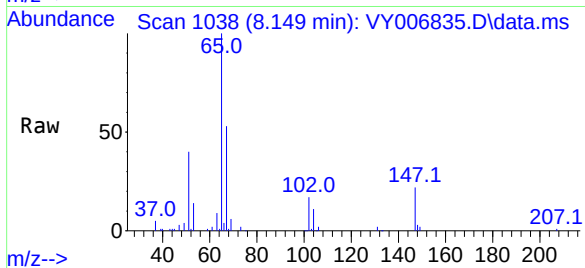
TP12

Tgt Ion: 65 Resp: 31790

Ion Ratio Lower Upper

65 100

67 49.4 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY006835.D

Acq: 19 Nov 2021 17:07

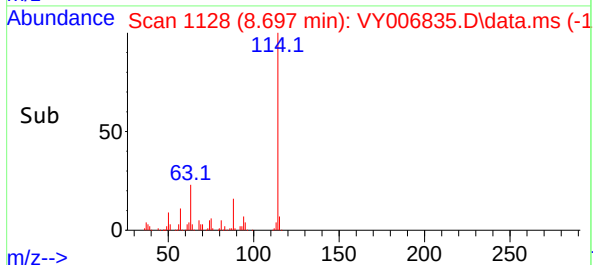
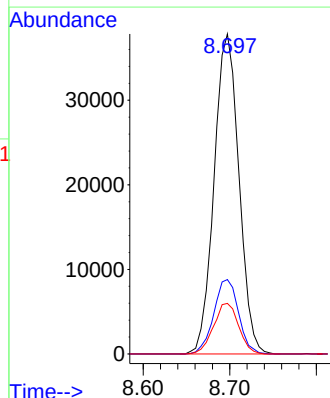
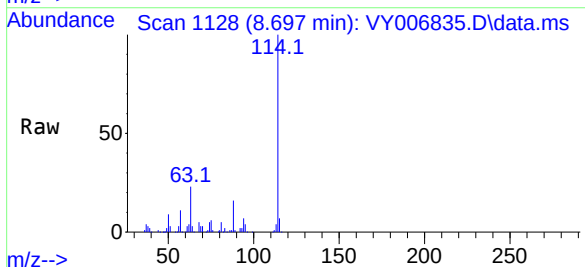
Tgt Ion: 114 Resp: 75285

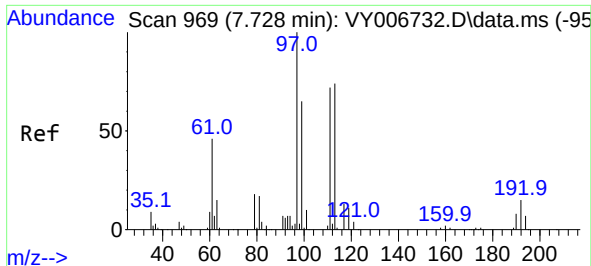
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 15.8 0.0 30.6

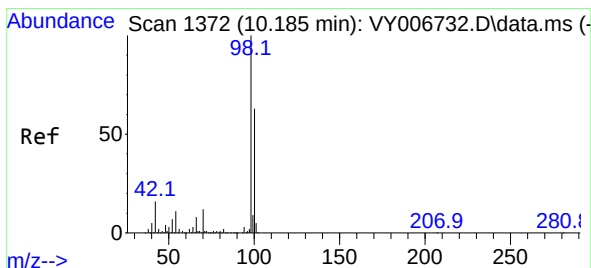
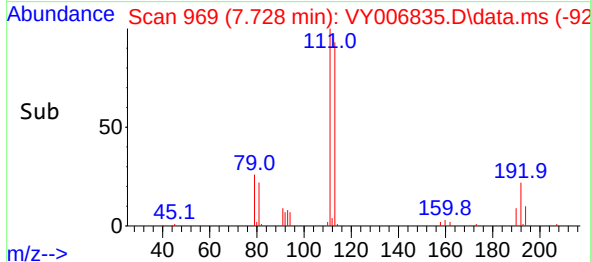
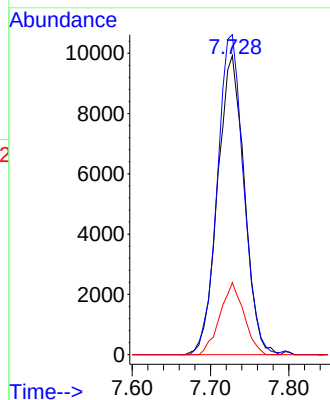
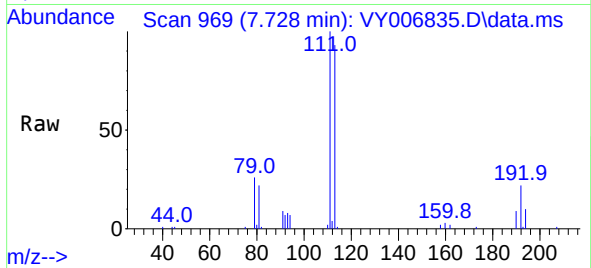




#35
Dibromofluoromethane
Concen: 51.000 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

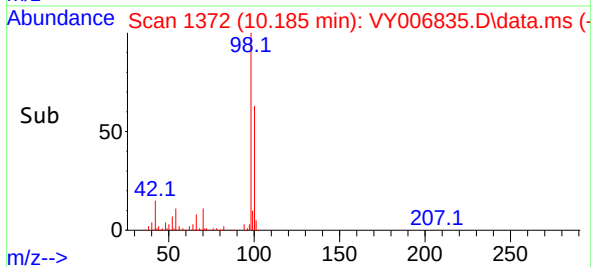
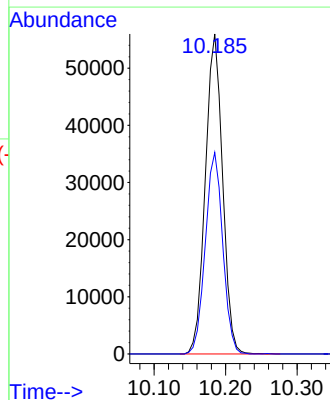
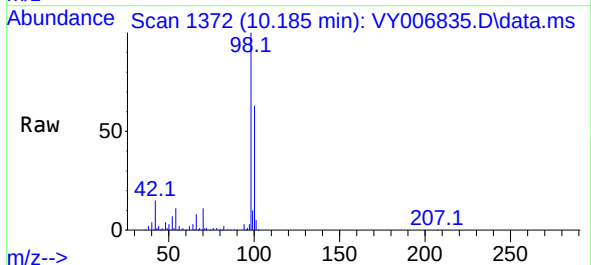
Instrument :
MSVOA_Y
ClientSampleId :
TP12

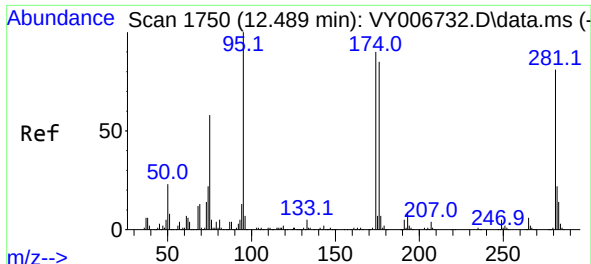
Tgt Ion:113 Resp: 23584
Ion Ratio Lower Upper
113 100
111 104.9 82.3 123.5
192 21.6 17.4 26.2



#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

Tgt Ion: 98 Resp: 93716
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3

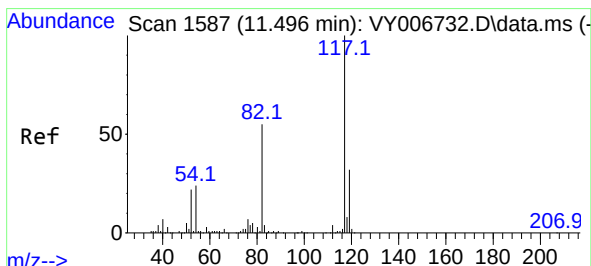
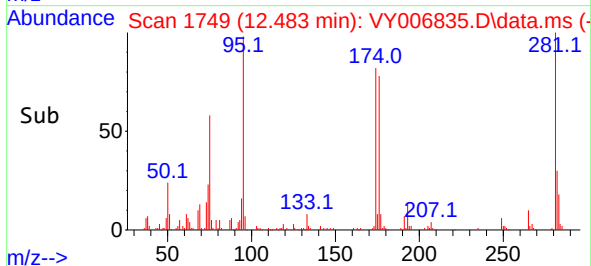
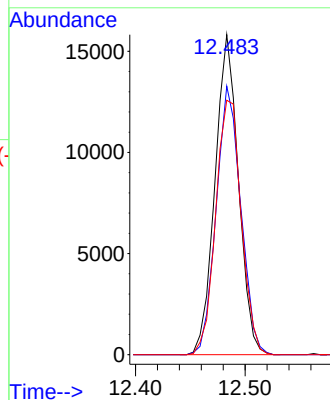
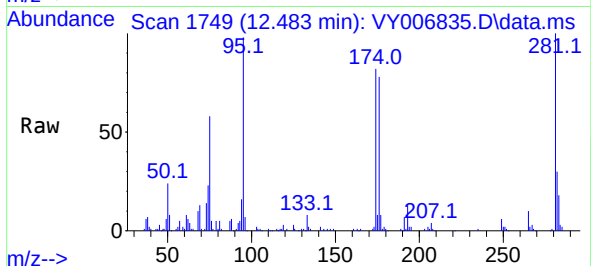




#62
4-Bromofluorobenzene
Concen: 36.463 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

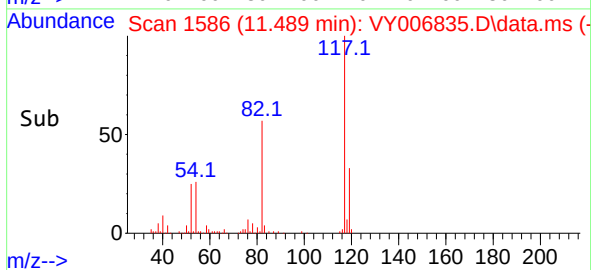
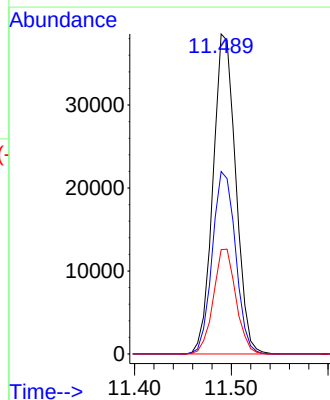
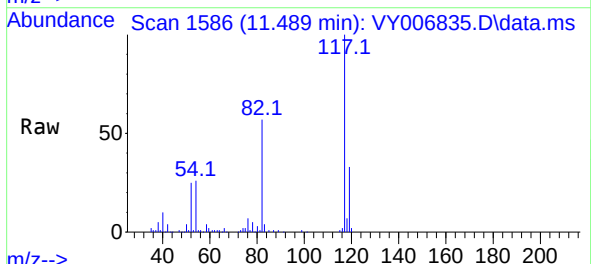
Instrument :
MSVOA_Y
ClientSampleId :
TP12

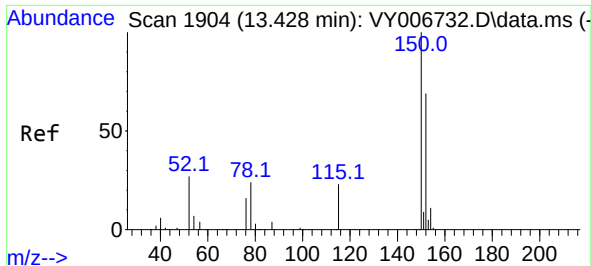
Tgt Ion: 95 Resp: 23523
Ion Ratio Lower Upper
95 100
174 87.8 0.0 177.0
176 86.8 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006835.D
Acq: 19 Nov 2021 17:07

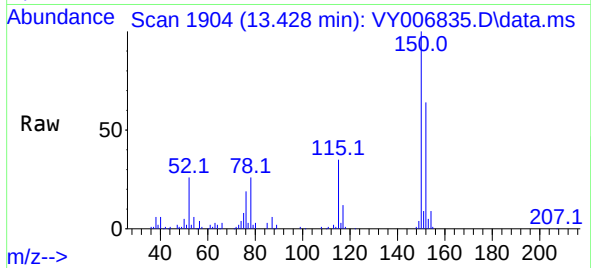
Tgt Ion: 117 Resp: 62940
Ion Ratio Lower Upper
117 100
82 57.0 45.7 68.5
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006835.D
 Acq: 19 Nov 2021 17:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP12



Tgt Ion:152 Resp: 22006
 Ion Ratio Lower Upper
 152 100
 115 56.6 28.5 85.5
 150 161.7 0.0 348.2

