

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091421\
 Data File : VY006010.D
 Acq On : 14 Sep 2021 16:07
 Operator : SY/MD
 Sample : M3687-36
 Misc : 5.45G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A002145

Quant Time: Sep 15 05:14:38 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)

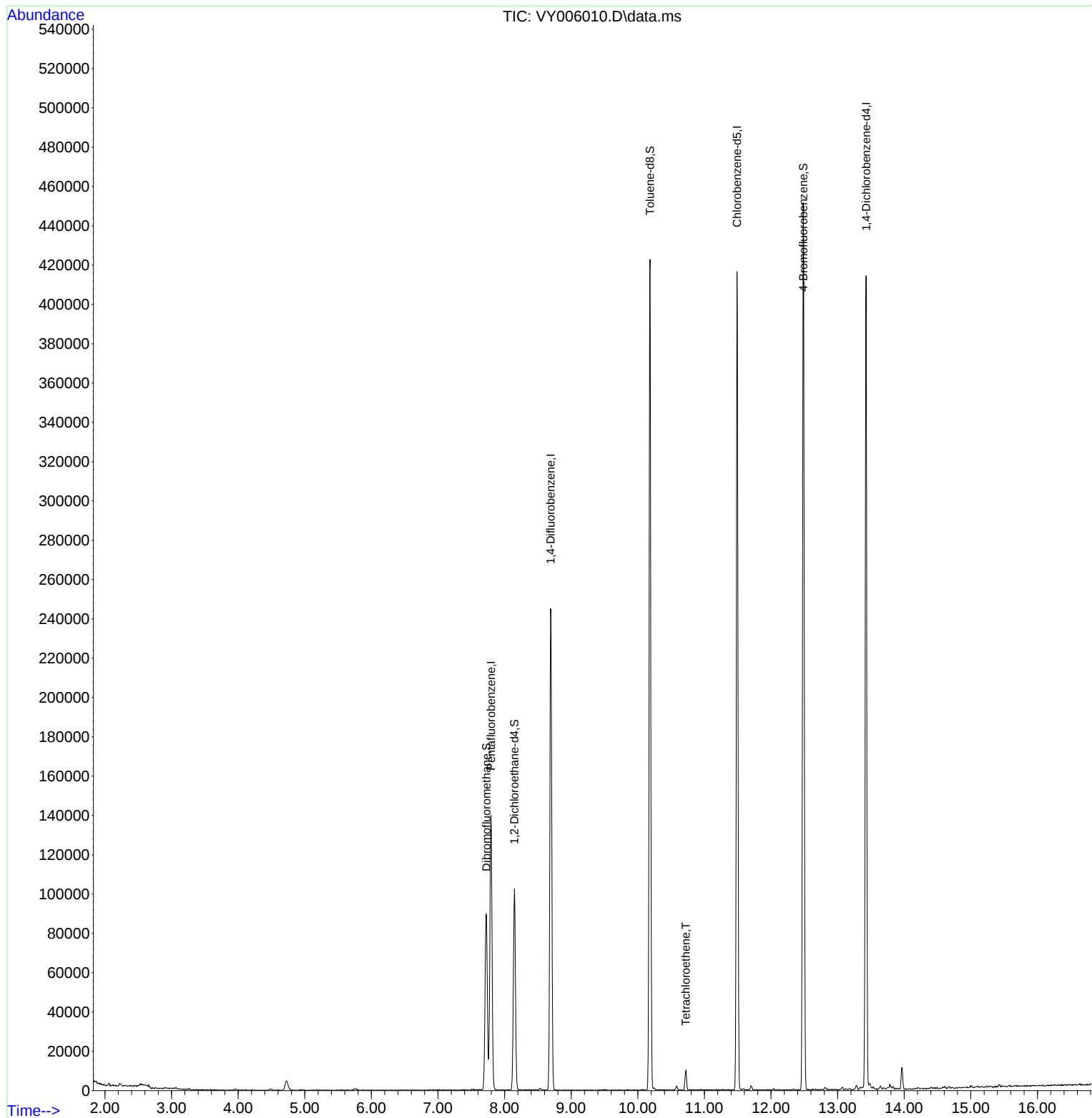
Internal Standards						
1) Pentafluorobenzene	7.795	168	105546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	197067	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	209459	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	100645	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	82961	56.586	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.180%
35) Dibromofluoromethane	7.728	113	60255	49.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.460%
50) Toluene-d8	10.185	98	259816	49.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.483	95	95087	53.685	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.380%
Target Compounds						
64) Tetrachloroethene	10.721	164	1927	1.125	ug/l	# 81

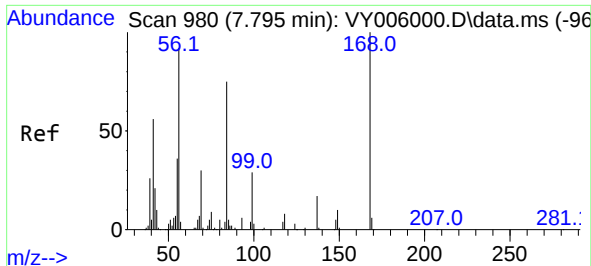
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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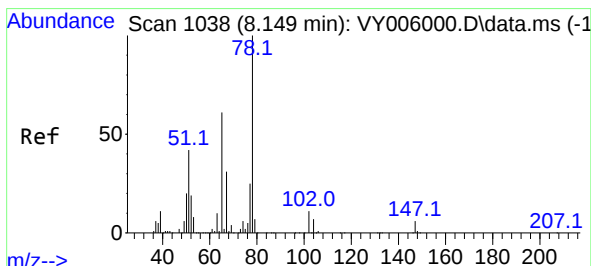
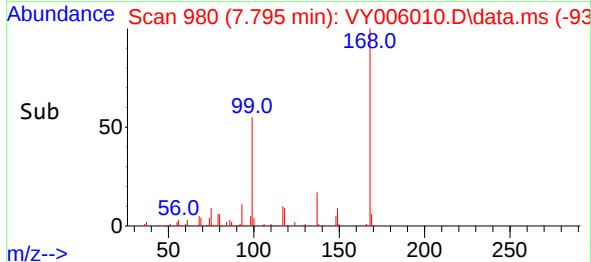
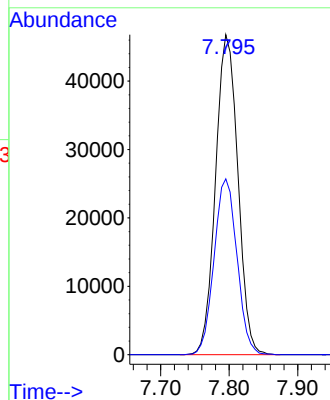
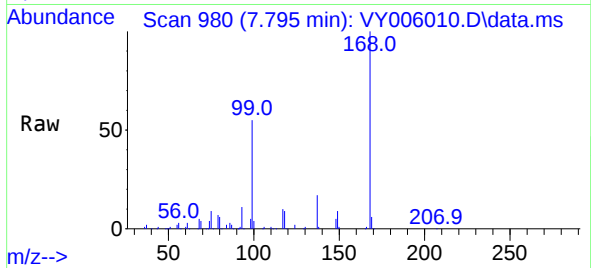




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

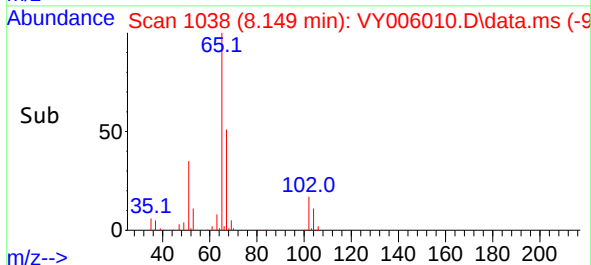
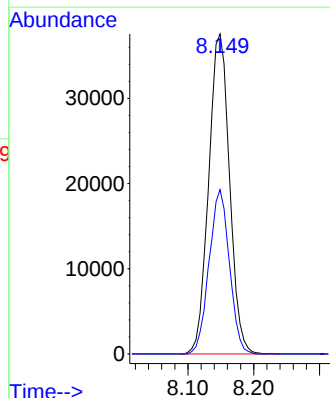
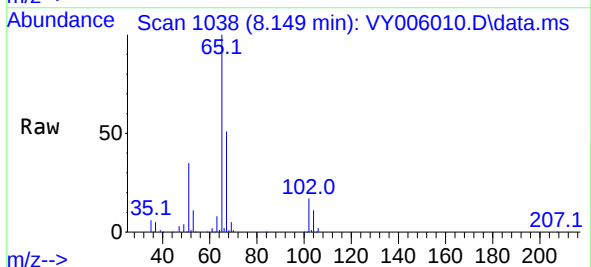
Instrument :
MSVOA_Y
ClientSampleId :
A002145

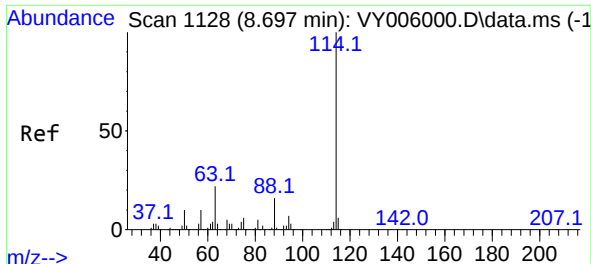
Tgt Ion:168 Resp: 105546
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.586 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 65 Resp: 82961
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4



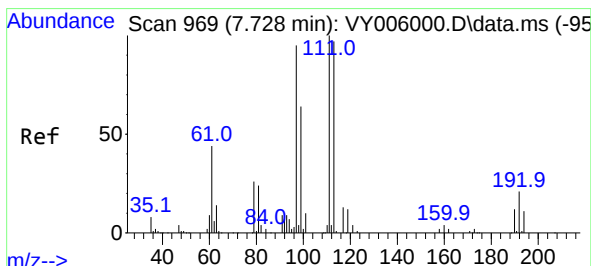
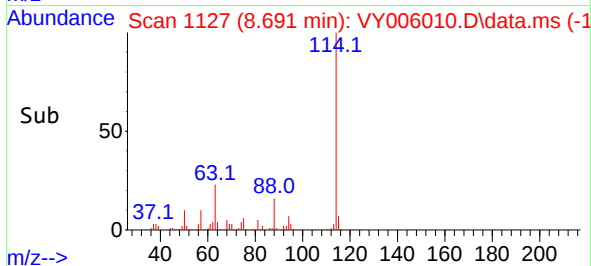
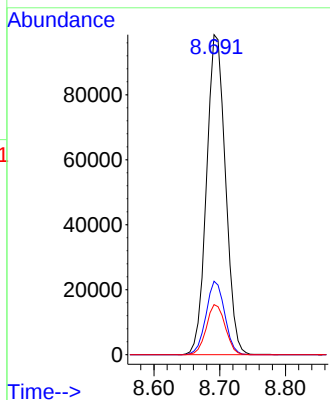
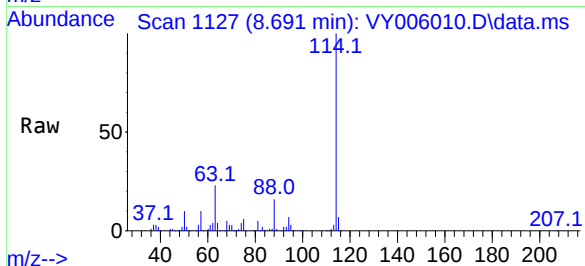


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :
A002145

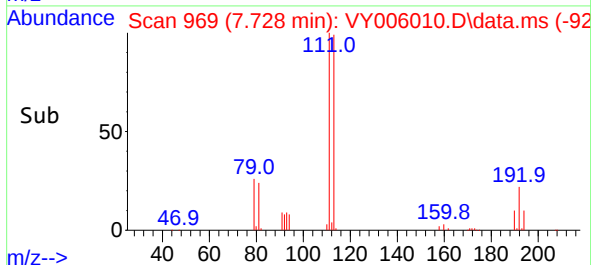
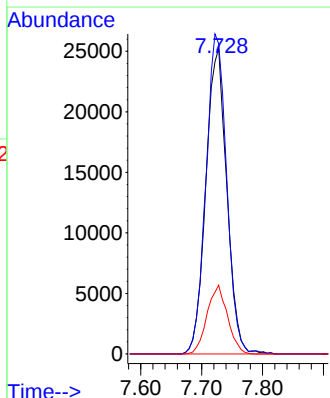
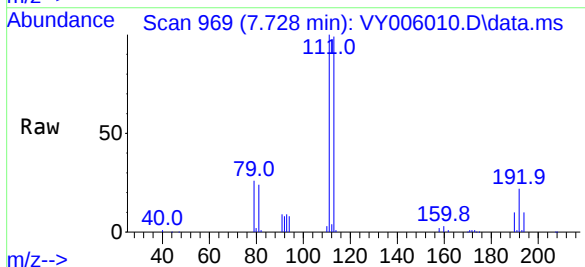
Tgt Ion:	114	Resp:	197067
Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	43.2
88	15.7	0.0	31.8

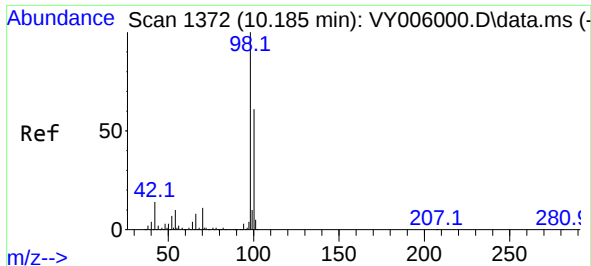


#35

Dibromofluoromethane
Concen: 49.227 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion:	113	Resp:	60255
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	21.9	17.6	26.4

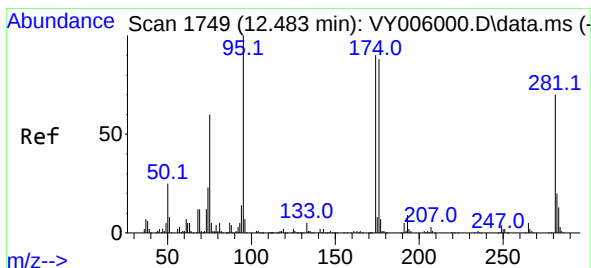
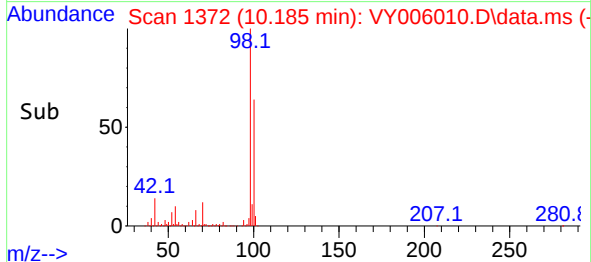
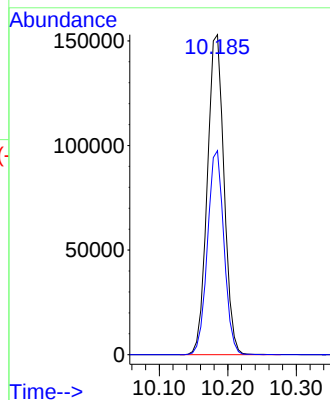
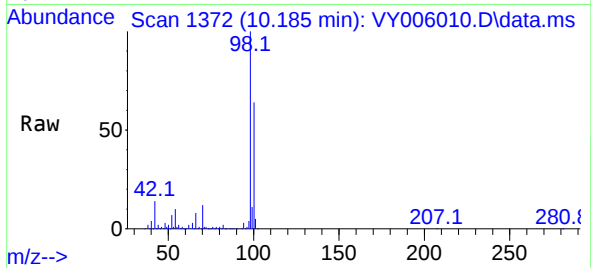




#50
Toluene-d8
Concen: 49.804 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

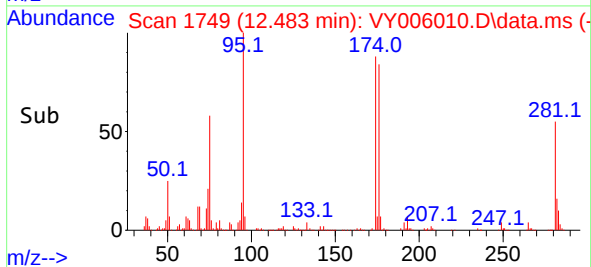
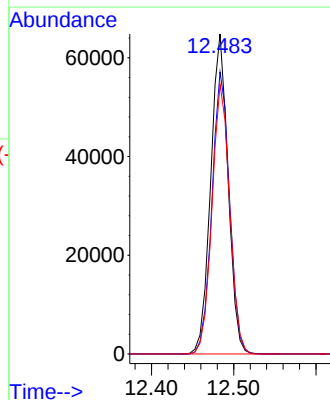
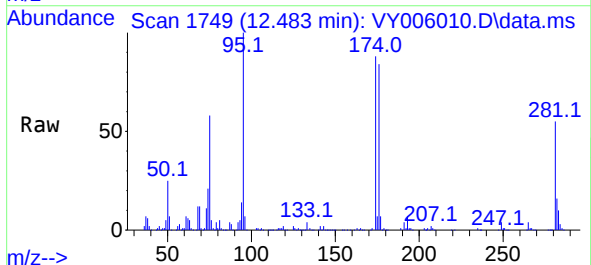
Instrument :
MSVOA_Y
ClientSampleId :
A002145

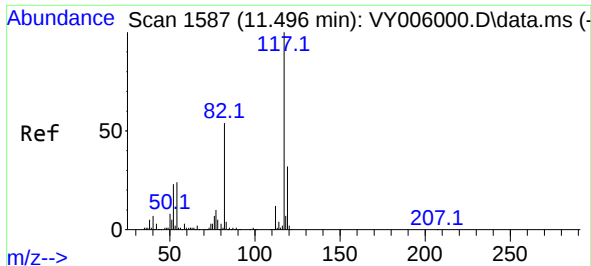
Tgt Ion: 98 Resp: 259816
Ion Ratio Lower Upper
98 100
100 62.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.685 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion: 95 Resp: 95087
Ion Ratio Lower Upper
95 100
174 89.7 0.0 177.0
176 85.8 0.0 175.8

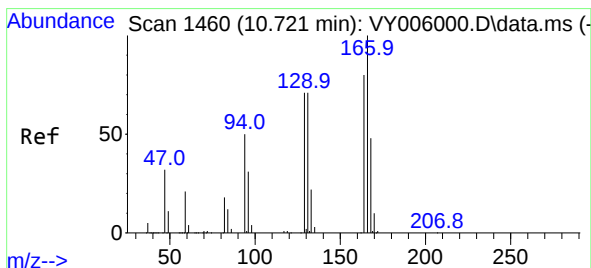
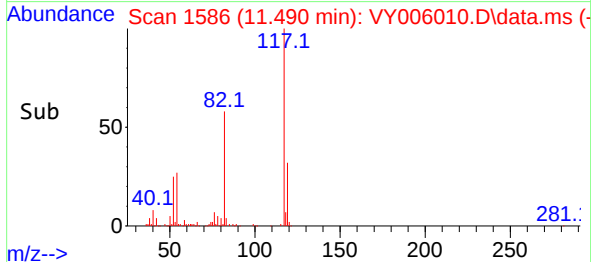
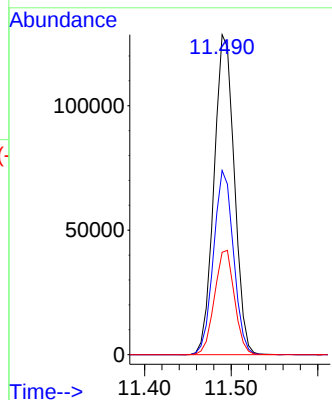
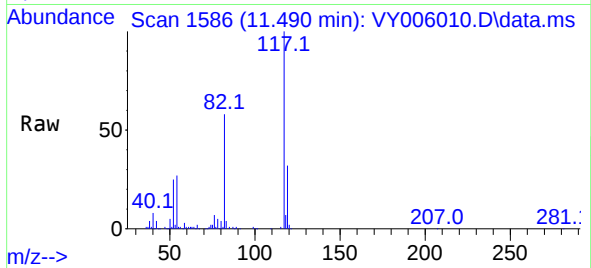




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

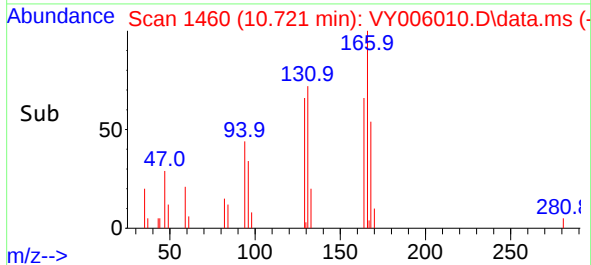
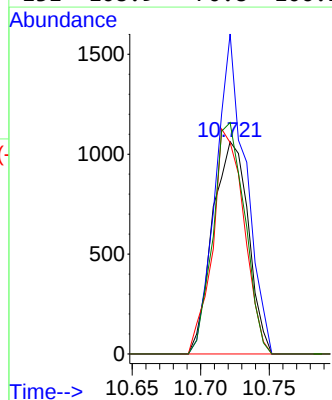
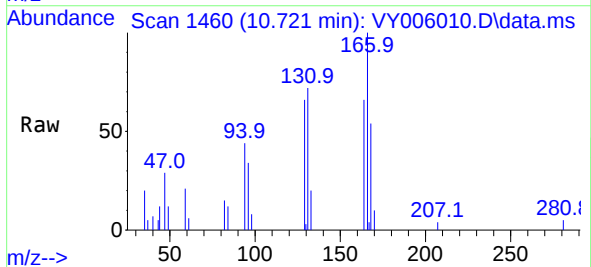
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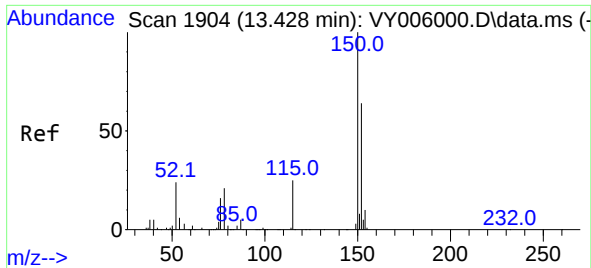
Tgt Ion:117	Resp:	209459
Ion	Ratio	Lower Upper
117	100	
82	57.5	43.0 64.4
119	32.0	25.4 38.0



#64
Tetrachloroethene
Concen: 1.125 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006010.D
Acq: 14 Sep 2021 16:07

Tgt Ion:164	Resp:	1927
Ion	Ratio	Lower Upper
164	100	
166	150.7	100.4 150.6#
129	99.5	71.4 107.0
131	108.9	70.8 106.2#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006010.D
 Acq: 14 Sep 2021 16:07

Instrument :
 MSVOA_Y
 ClientSampleId :
 A002145

Tgt Ion:152 Resp: 100645
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 158.4 0.0 347.6

