

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092421\
 Data File : VY006134.D
 Acq On : 24 Sep 2021 13:36
 Operator : SY/MD
 Sample : M3916-07
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-3

Quant Time: Sep 25 05:44:11 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)

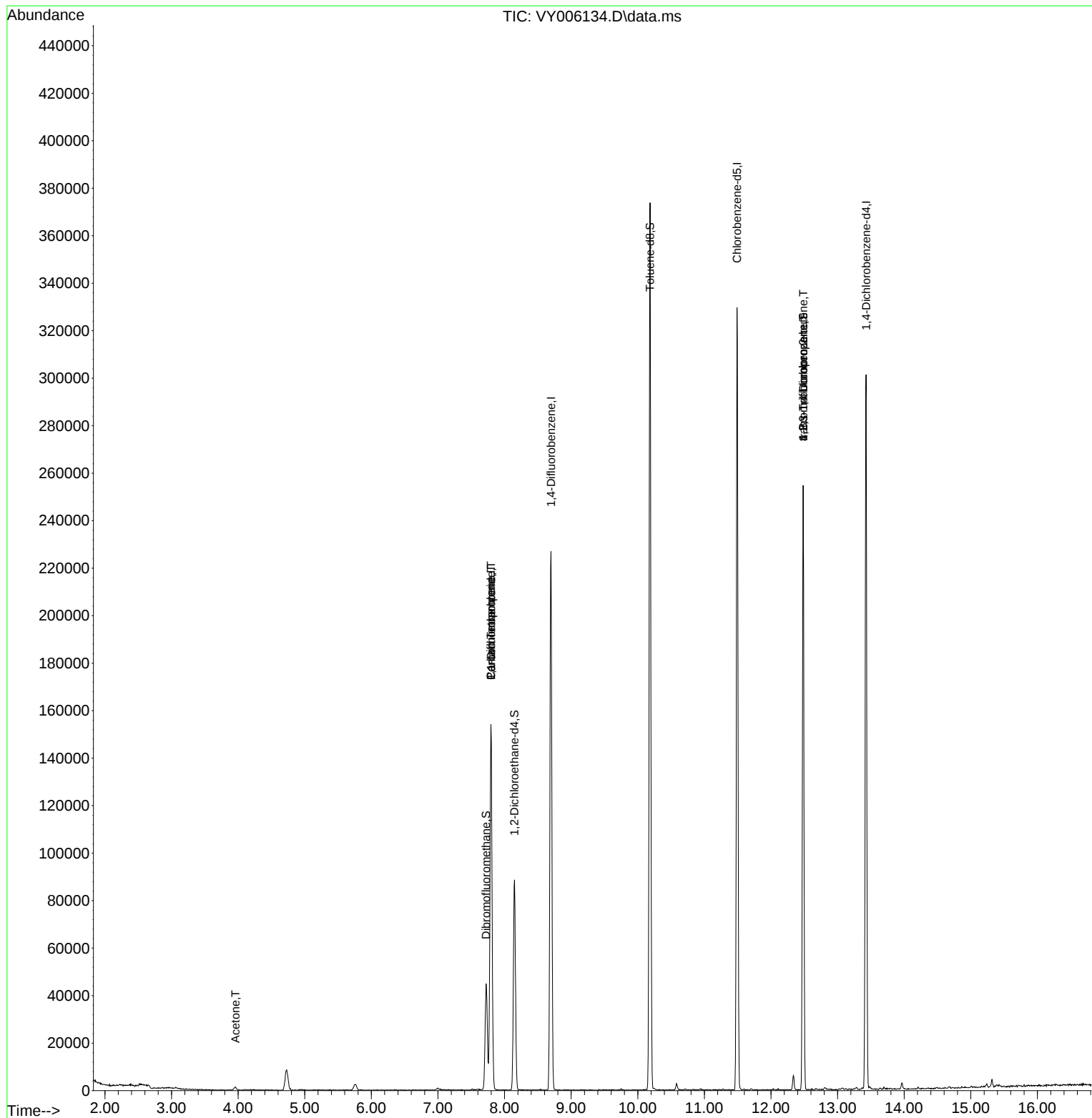
Internal Standards						
1) Pentafluorobenzene	7.795	168	119719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	187871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	170117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	77436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71440	42.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.920%
35) Dibromofluoromethane	7.722	113	30207	25.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.780%#
50) Toluene-d8	10.185	98	237583	47.771	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.540%
62) 4-Bromofluorobenzene	12.483	95	71736	42.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.960%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	127	Below Cal	#	77
16) Acetone	3.960	43	2243	4.918	ug/l #	83
20) Methylene Chloride	4.729	84	6292	Below Cal		94
36) 1,1-Dichloropropene	7.795	75	8960	4.419	ug/l #	52
38) Carbon Tetrachloride	7.795	117	12029	5.449	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	40526	49.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	40526	90.245	ug/l #	7

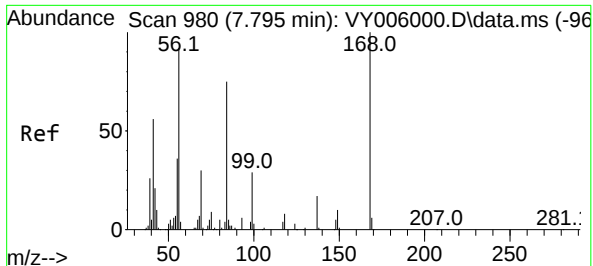
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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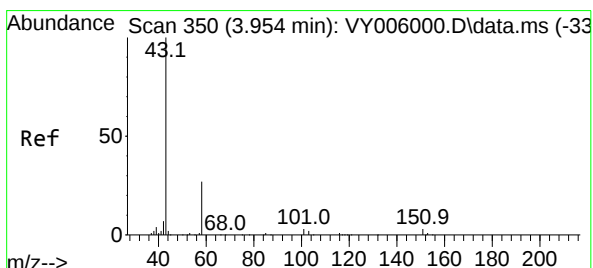
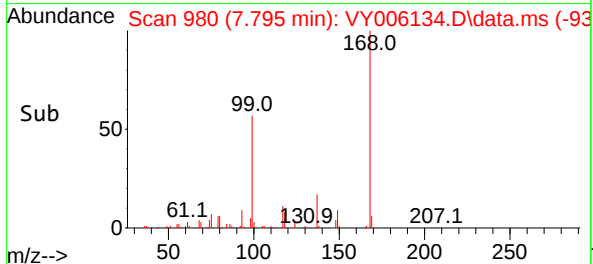
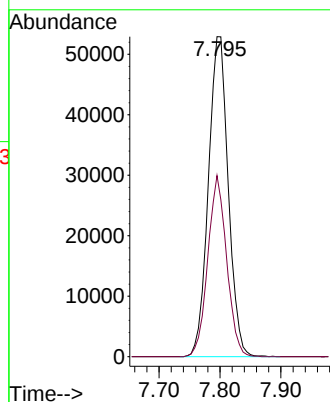
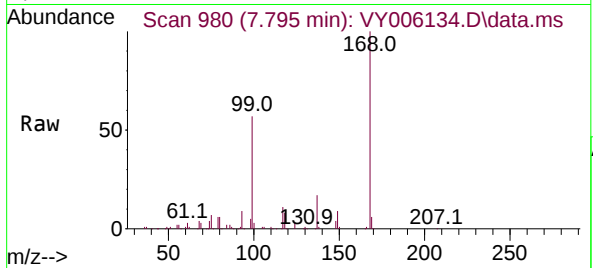




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006134.D
Acq: 24 Sep 2021 13:36

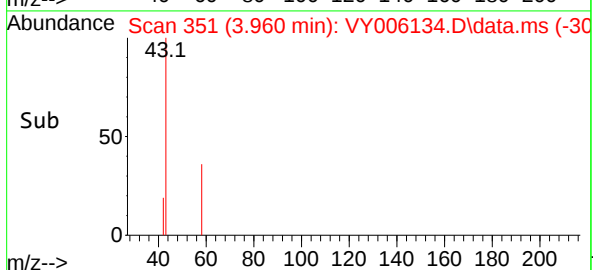
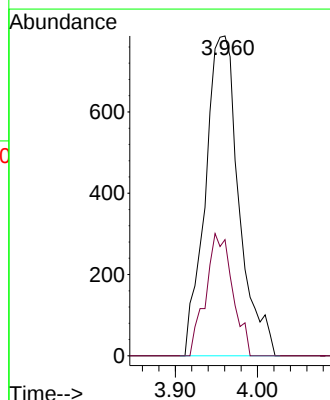
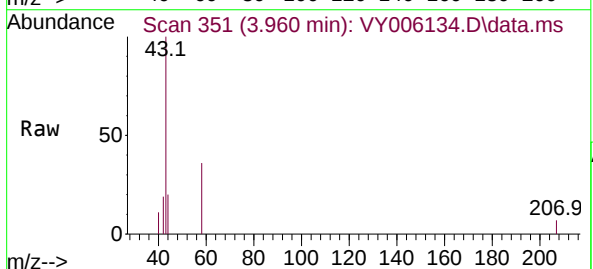
Instrument :
MSVOA_Y
ClientSampleId :
CONC-3

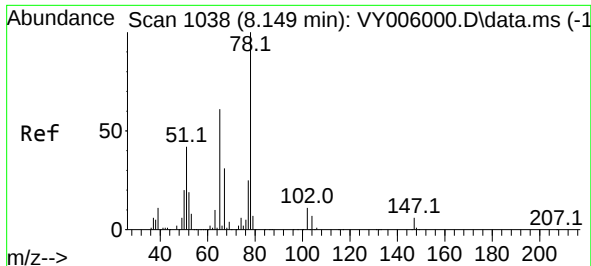
Tgt Ion:168 Resp: 119719
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#16
Acetone
Concen: 4.918 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006134.D
Acq: 24 Sep 2021 13:36

Tgt Ion: 43 Resp: 2243
Ion Ratio Lower Upper
43 100
58 36.3 22.0 33.0#

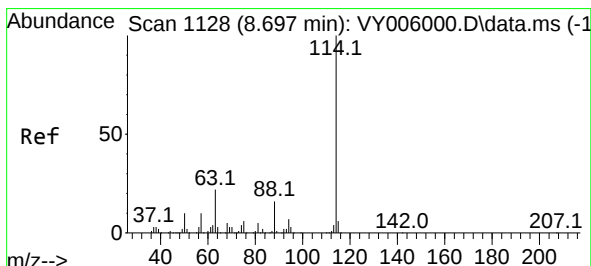
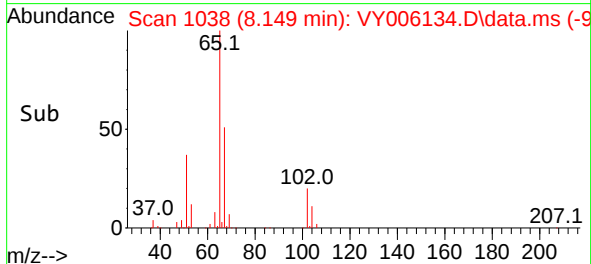
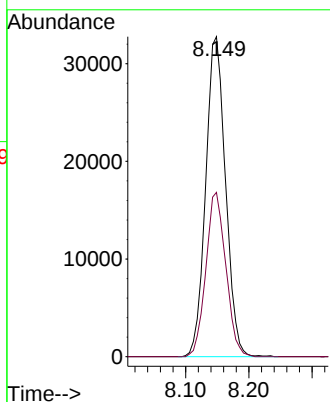
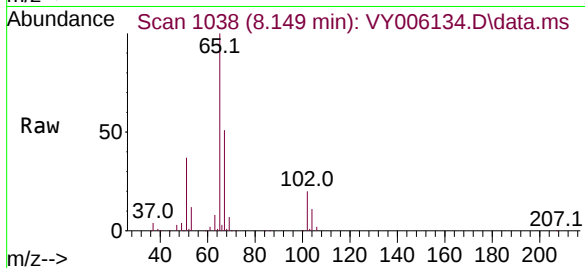




#33
 1,2-Dichloroethane-d4
 Concen: 42.959 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY006134.D
 Acq: 24 Sep 2021 13:36

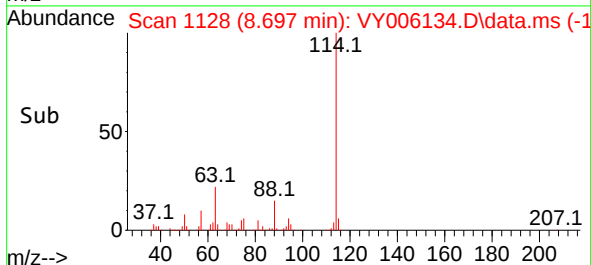
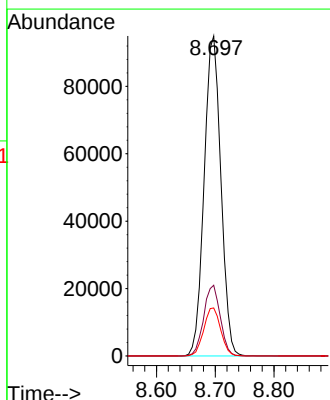
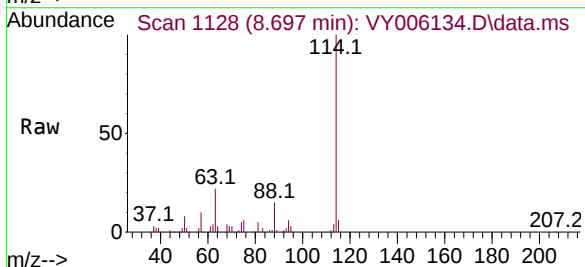
Instrument :
 MSVOA_Y
 ClientSampled :
 CONC-3

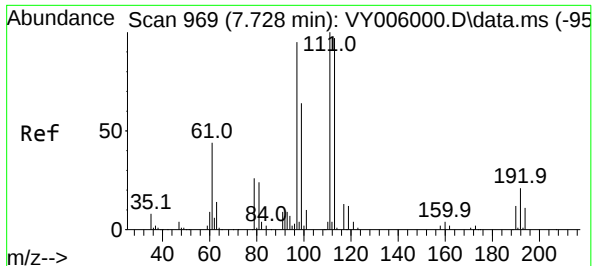
Tgt Ion: 65 Resp: 71440
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY006134.D
 Acq: 24 Sep 2021 13:36

Tgt Ion: 114 Resp: 187871
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 15.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 25.887 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY006134.D

Acq: 24 Sep 2021 13:36

Instrument :

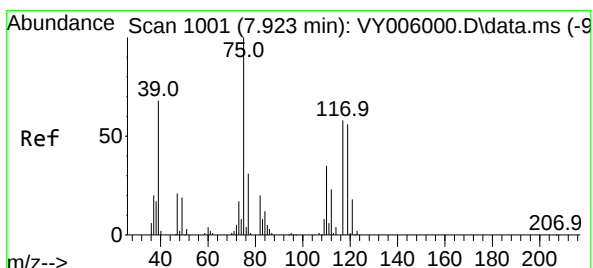
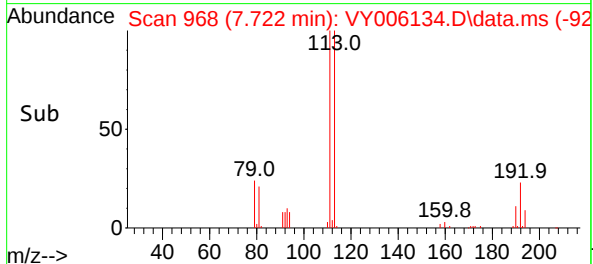
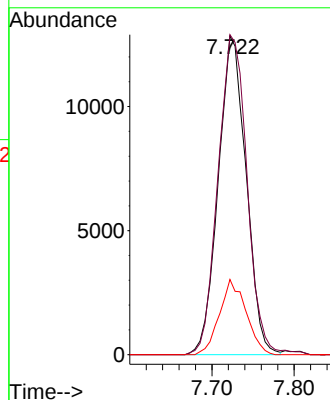
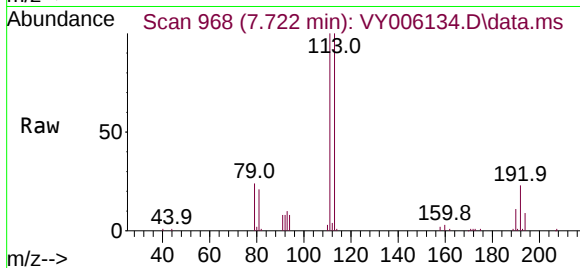
MSVOA_Y

ClientSampled :

CONC-3

Tgt Ion:113 Resp: 30207

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	124.0
192	22.6	17.6	26.4



#36

1,1-Dichloropropene

Concen: 4.419 ug/l

RT: 7.795 min Scan# 980

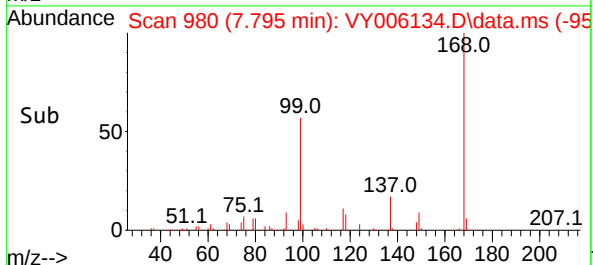
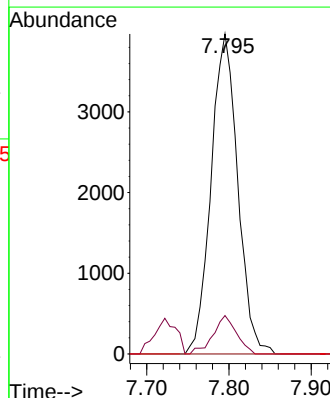
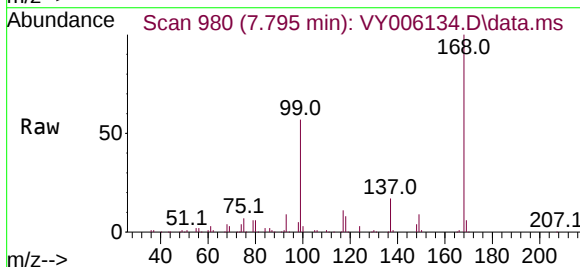
Delta R.T. -0.128 min

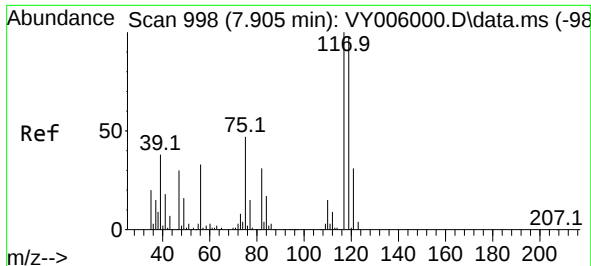
Lab File: VY006134.D

Acq: 24 Sep 2021 13:36

Tgt Ion: 75 Resp: 8960

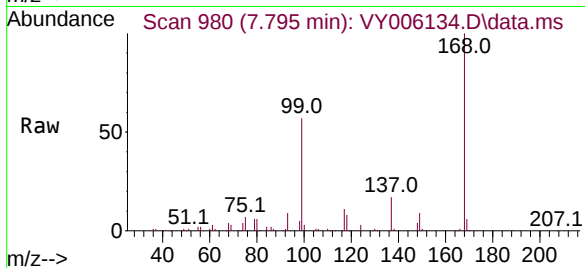
Ion	Ratio	Lower	Upper
75	100		
110	10.5	17.1	51.2#
77	0.0	24.4	36.6#



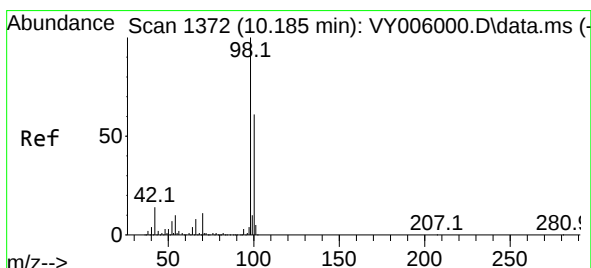
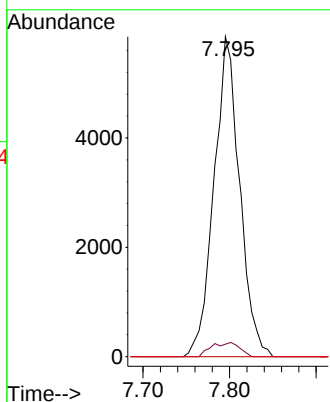
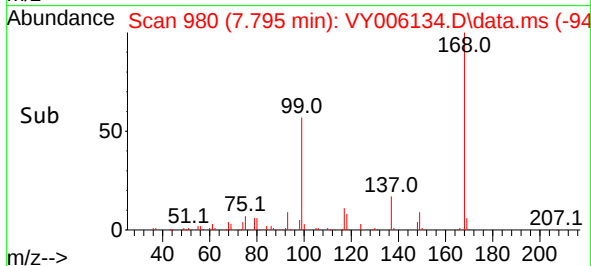


#38
Carbon Tetrachloride
Concen: 5.449 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006134.D
Acq: 24 Sep 2021 13:36

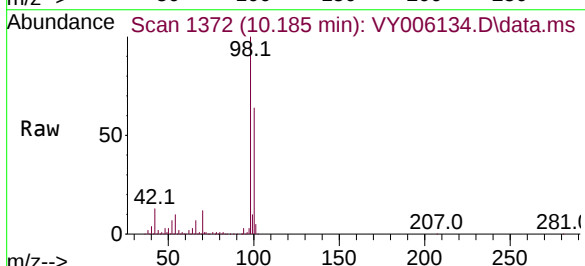
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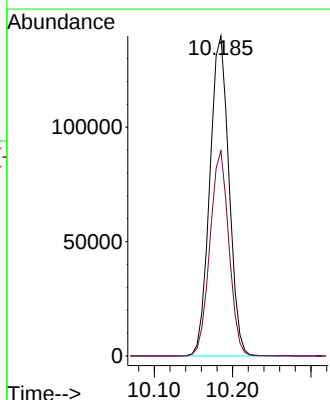
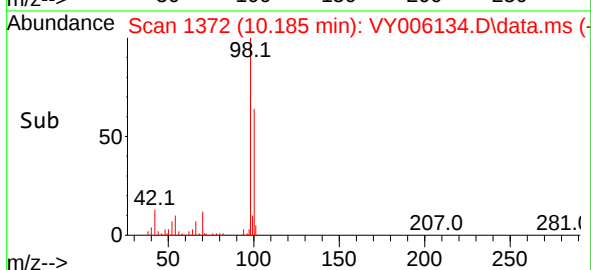
Tgt Ion: 117 Resp: 12029
Ion Ratio Lower Upper
117 100
119 3.9 77.9 116.9#
121 0.0 24.8 37.2#

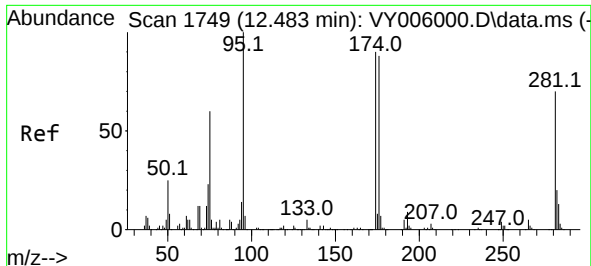


#50
Toluene-d8
Concen: 47.771 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006134.D
Acq: 24 Sep 2021 13:36



Tgt Ion: 98 Resp: 237583
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2

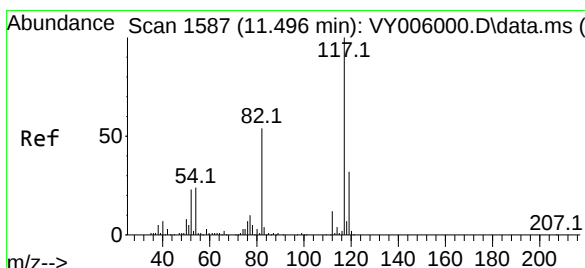
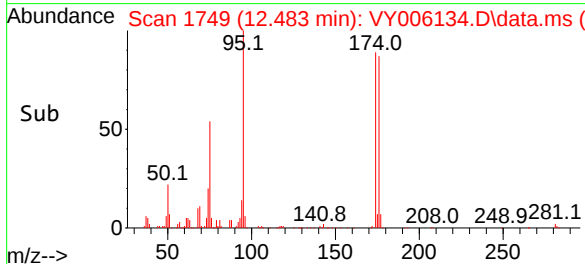
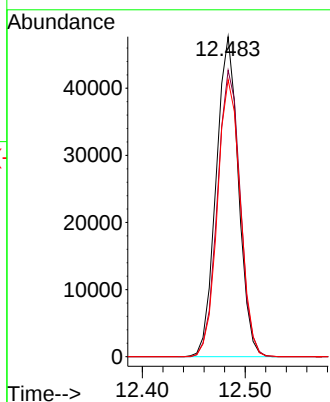
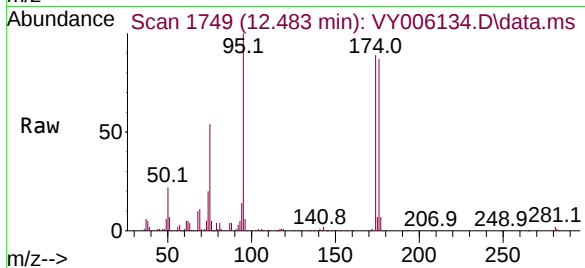




#62
4-Bromofluorobenzene
Concen: 42.484 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006134.D
Acq: 24 Sep 2021 13:36

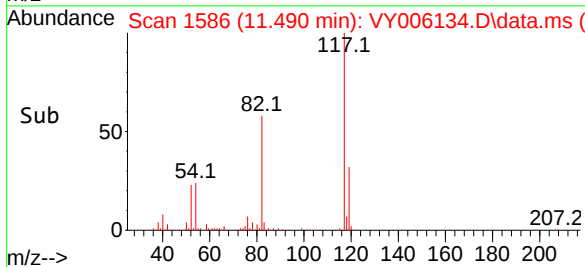
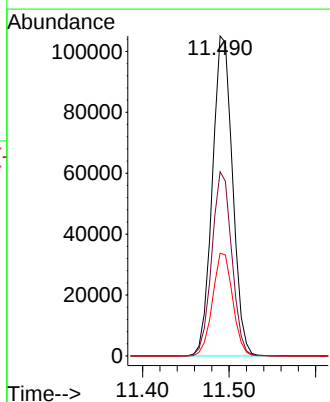
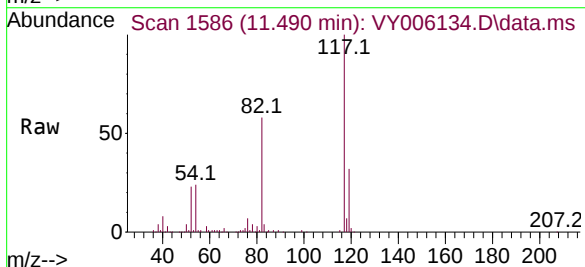
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CONC-3

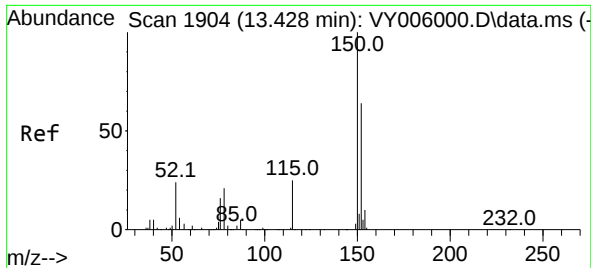
Tgt Ion: 95 Resp: 71736
Ion Ratio Lower Upper
95 100
174 91.4 0.0 177.0
176 88.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006134.D
Acq: 24 Sep 2021 13:36

Tgt Ion: 117 Resp: 170117
Ion Ratio Lower Upper
117 100
82 57.5 43.0 64.4
119 32.1 25.4 38.0

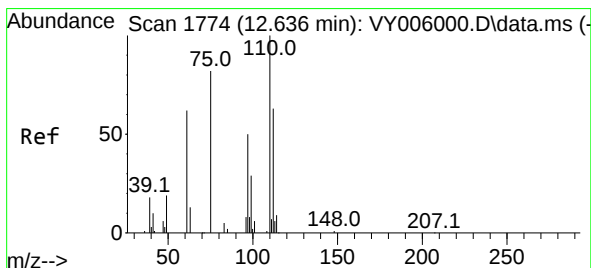
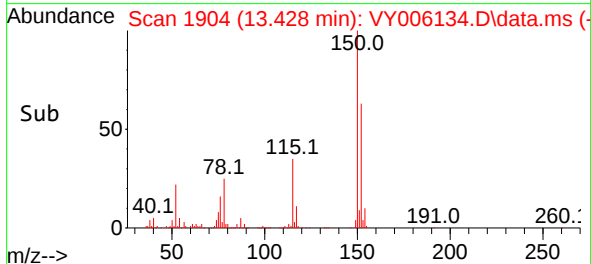
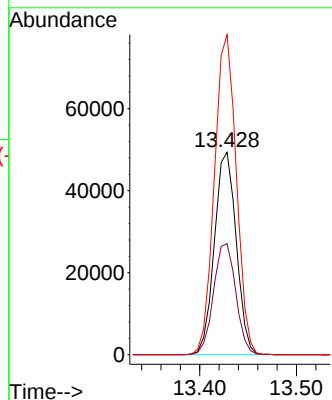
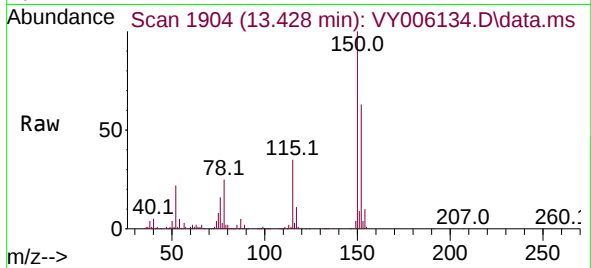




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006134.D
 Acq: 24 Sep 2021 13:36

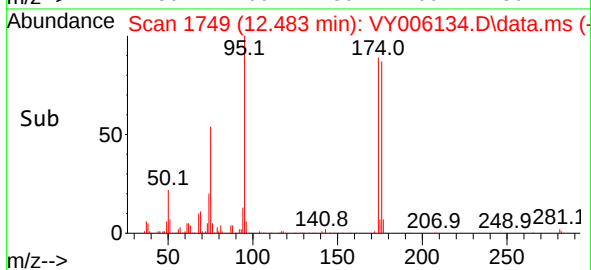
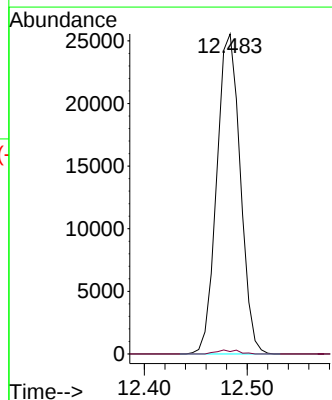
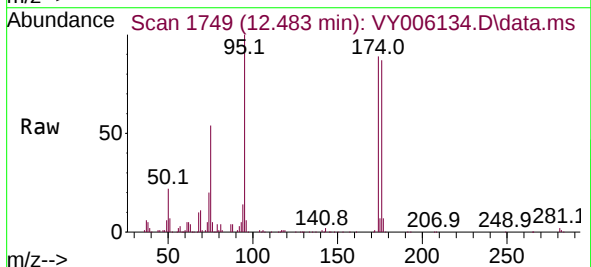
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 CONC-3

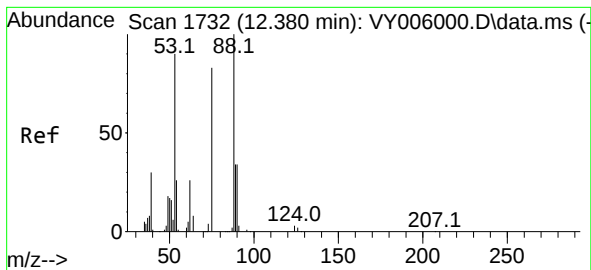
Tgt Ion:152 Resp: 77436
 Ion Ratio Lower Upper
 152 100
 115 56.1 28.2 84.7
 150 158.3 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 49.086 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006134.D
 Acq: 24 Sep 2021 13:36

Tgt Ion: 75 Resp: 40526
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.245 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006134.D
 Acq: 24 Sep 2021 13:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 CONC-3

Tgt Ion: 75 Resp: 40526
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

