

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100121\
 Data File : VY006259.D
 Acq On : 01 Oct 2021 13:36
 Operator : SY/MD
 Sample : M3999-01RE
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 02 02:12:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

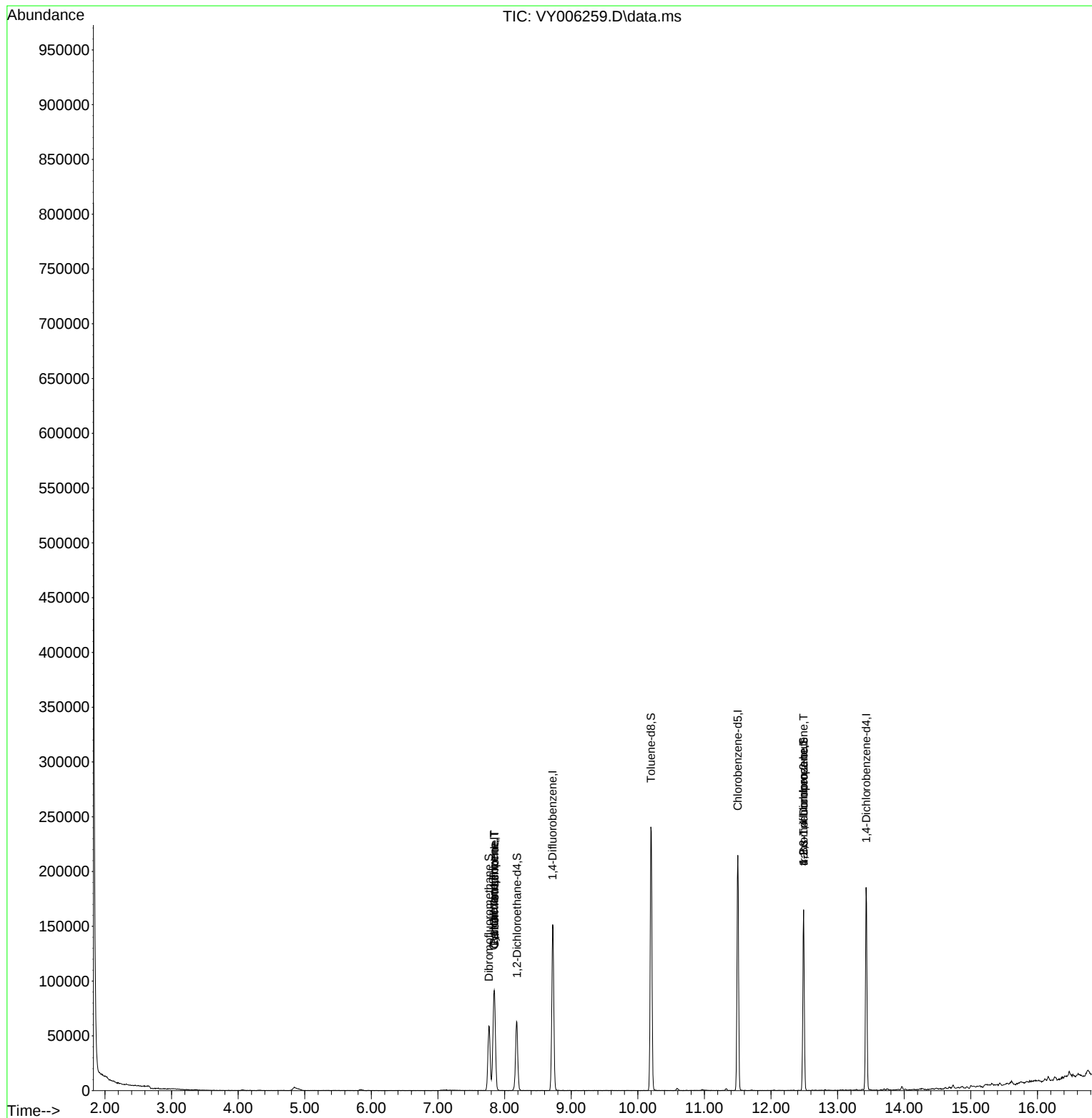
Internal Standards						
1) Pentafluorobenzene	7.844	168	83246	50.000	ug/l	0.05
34) 1,4-Difluorobenzene	8.722	114	133056	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	115147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47096	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.185	65	52629	59.069	ug/l	0.04
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.140%	
35) Dibromofluoromethane	7.764	113	40009	56.282	ug/l	0.04
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.560%	
50) Toluene-d8	10.197	98	161006	54.118	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.240%	
62) 4-Bromofluorobenzene	12.489	95	43794	43.331	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.660%	
Target Compounds						
					Qvalue	
31) Cyclohexane	7.838	56	2045	1.211	ug/l #	36
36) 1,1-Dichloropropene	7.844	75	6328	4.780	ug/l #	52
38) Carbon Tetrachloride	7.850	117	7752	5.545	ug/l #	15
76) 1,2,3-Trichloropropane	12.489	75	25525	55.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	25525	109.580	ug/l #	7

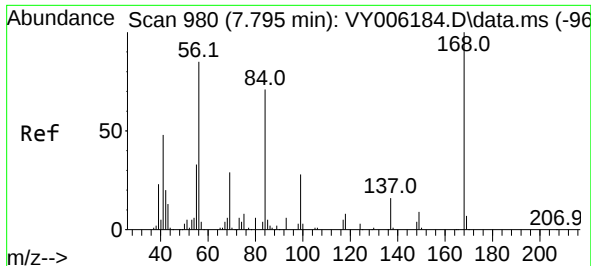
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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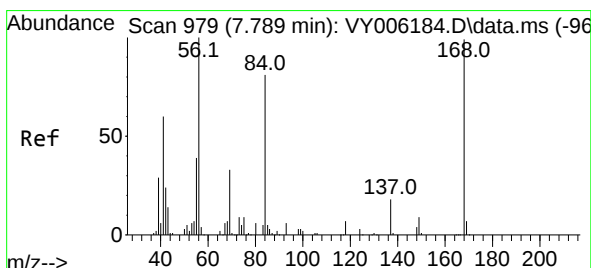
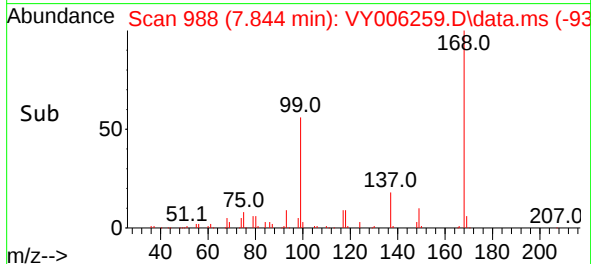
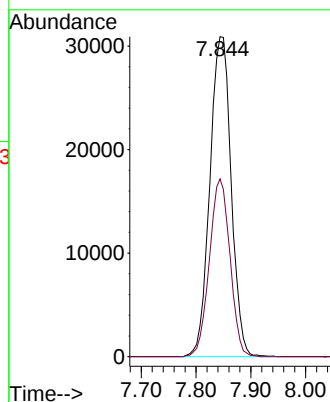
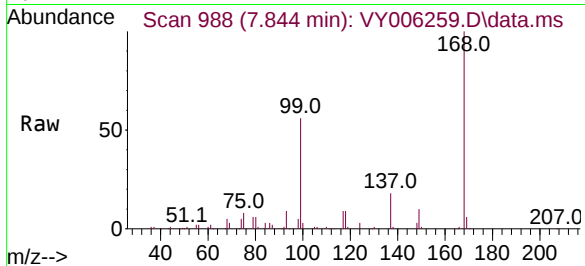




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.844 min Scan# 988
Delta R.T. 0.049 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

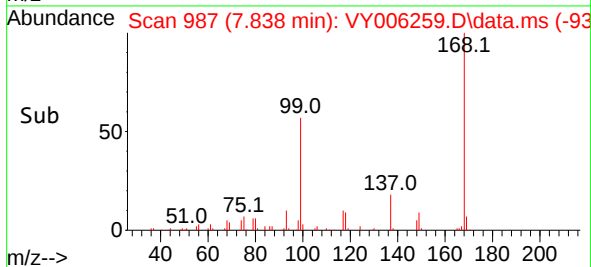
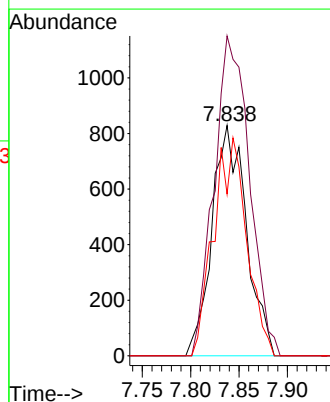
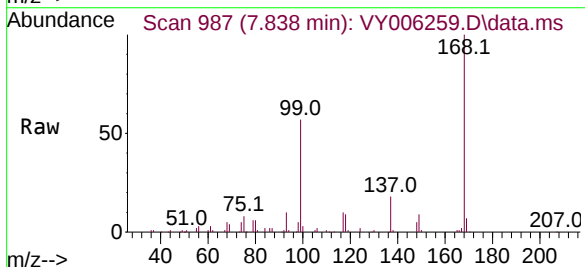
Instrument :
MSVOA_Y
ClientSampleId :

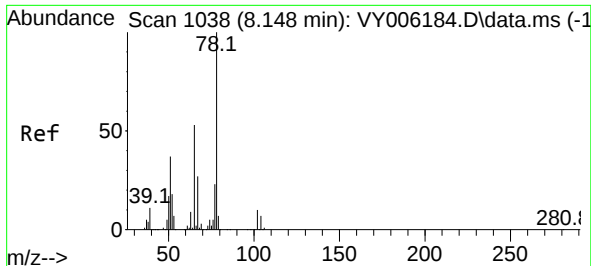
Tgt Ion:168 Resp: 83246
Ion Ratio Lower Upper
168 100
99 55.5 46.9 70.3



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.838 min Scan# 987
Delta R.T. 0.049 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Tgt Ion: 56 Resp: 2045
Ion Ratio Lower Upper
56 100
69 138.8 26.7 40.1#
84 70.2 67.2 100.8

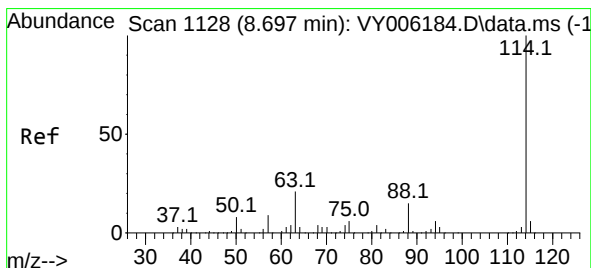
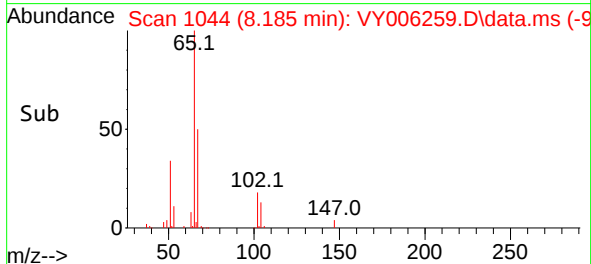
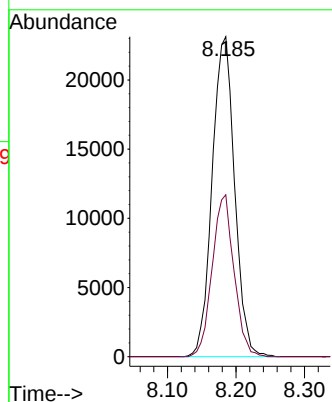
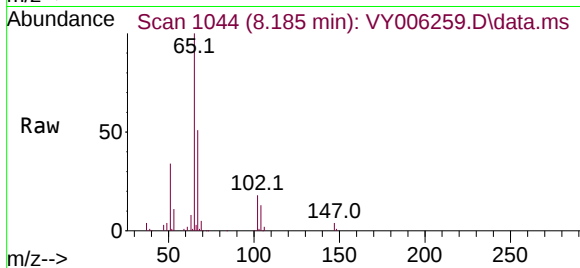




#33
1,2-Dichloroethane-d4
Concen: 59.069 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. 0.037 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

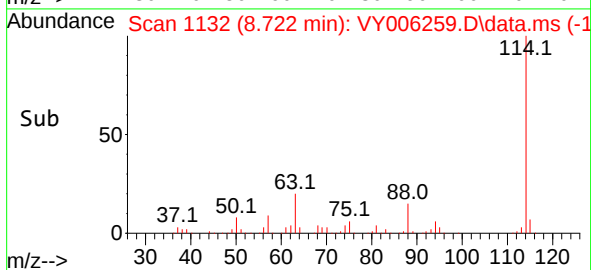
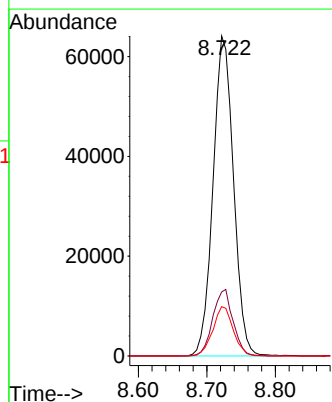
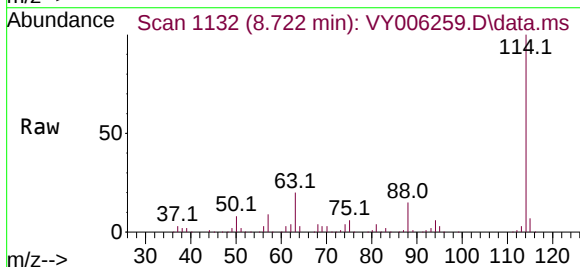
Instrument :
MSVOA_Y
ClientSampled :

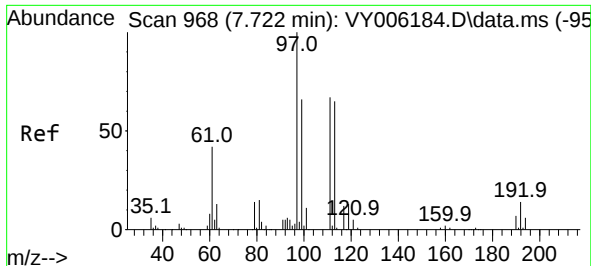
Tgt Ion: 65 Resp: 52629
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.722 min Scan# 1132
Delta R.T. 0.024 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Tgt Ion: 114 Resp: 133056
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.4 0.0 31.8

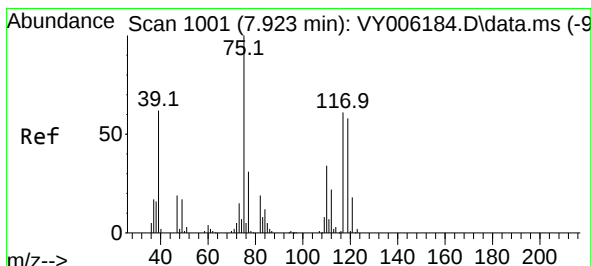
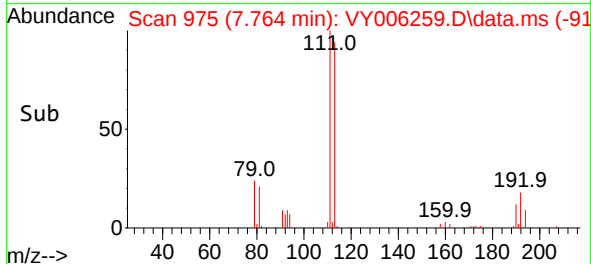
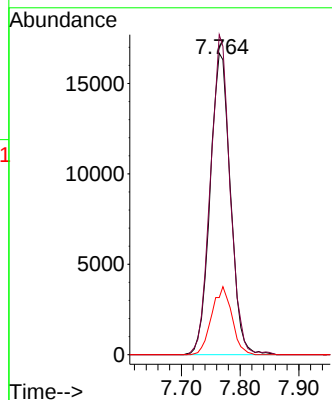
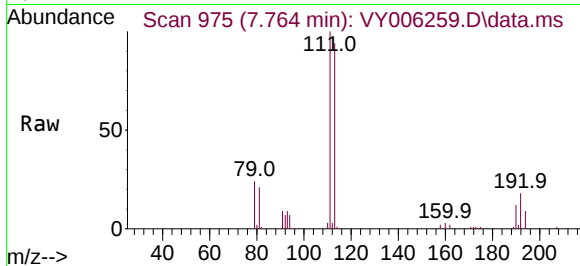




#35
Dibromofluoromethane
Concen: 56.282 ug/l
RT: 7.764 min Scan# 975
Delta R.T. 0.043 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

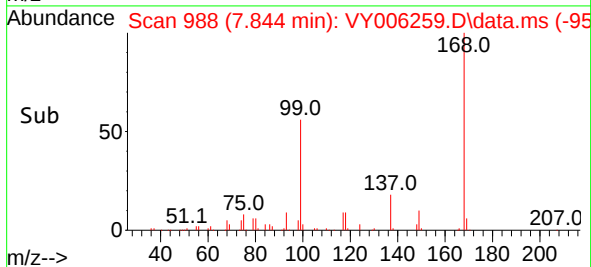
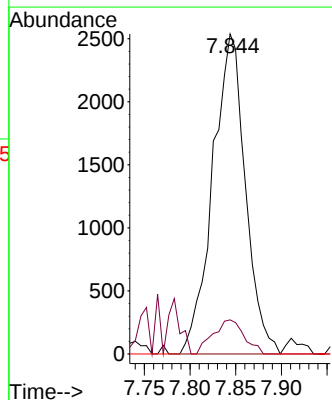
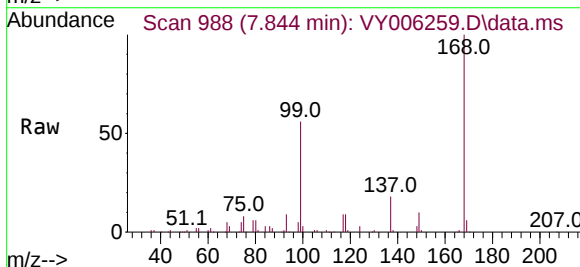
Instrument :
MSVOA_Y
ClientSampleId :

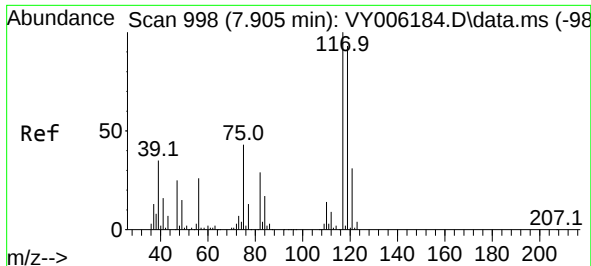
Tgt Ion:113 Resp: 40009
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 22.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.780 ug/l
RT: 7.844 min Scan# 988
Delta R.T. -0.079 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

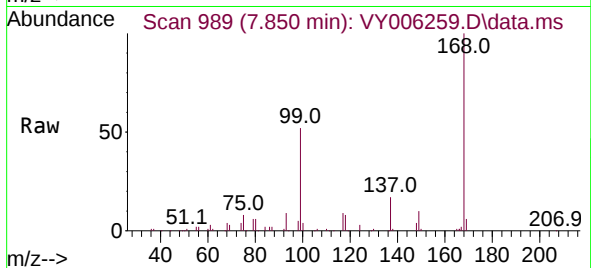
Tgt Ion: 75 Resp: 6328
Ion Ratio Lower Upper
75 100
110 10.1 17.1 51.2#
77 0.0 24.4 36.6#



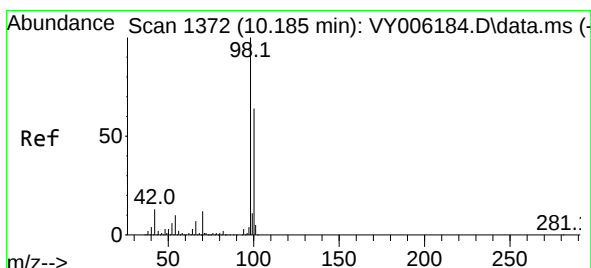
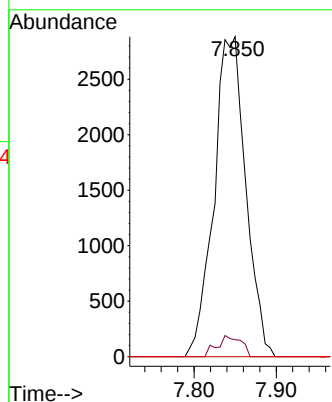
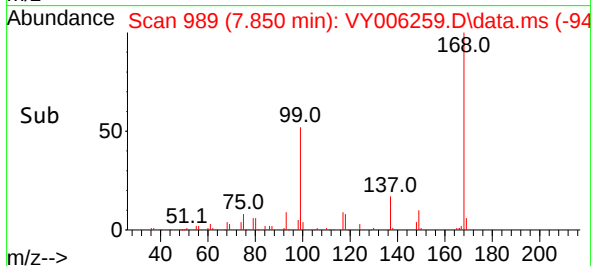


#38
Carbon Tetrachloride
Concen: 5.545 ug/l
RT: 7.850 min Scan# 989
Delta R.T. -0.055 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

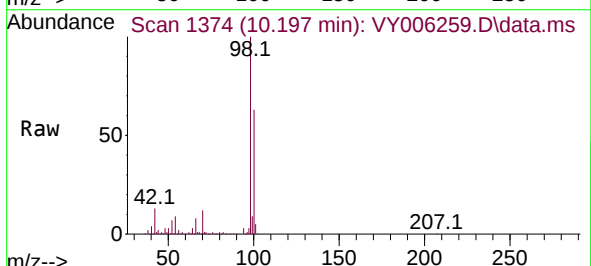
Instrument :
MSVOA_Y
ClientSampleId :



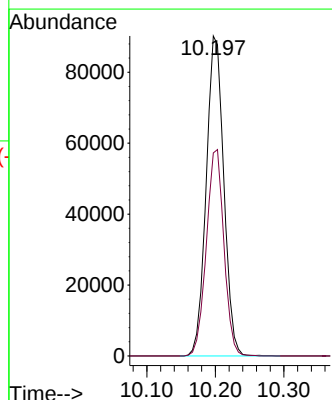
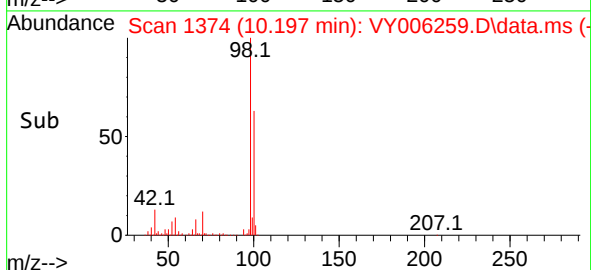
Tgt Ion:117 Resp: 7752
Ion Ratio Lower Upper
117 100
119 5.3 77.9 116.9#
121 0.0 24.8 37.2#

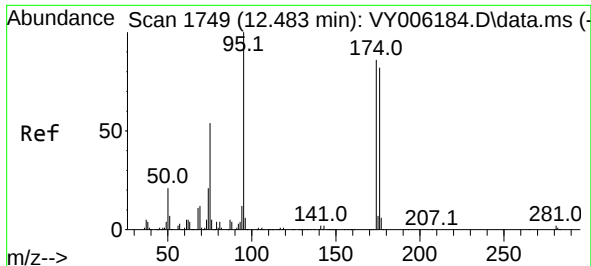


#50
Toluene-d8
Concen: 54.118 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.012 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36



Tgt Ion: 98 Resp: 161006
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

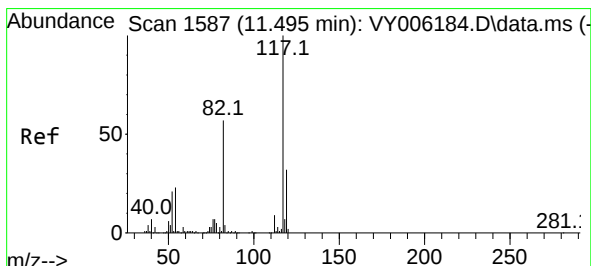
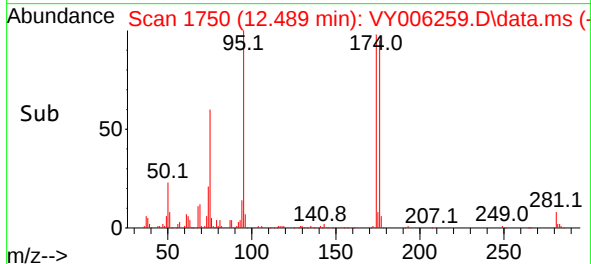
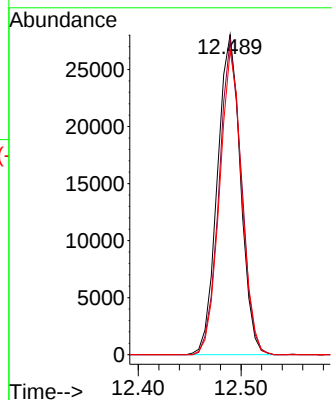
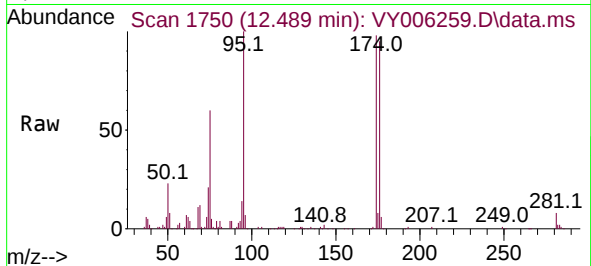




#62
4-Bromofluorobenzene
Concen: 43.331 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

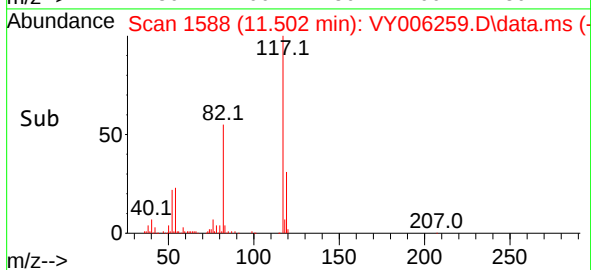
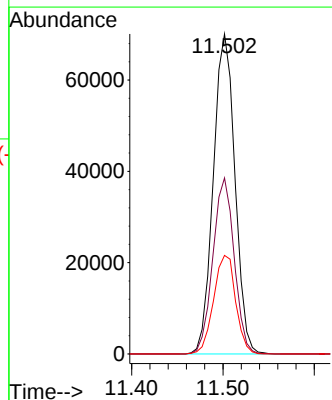
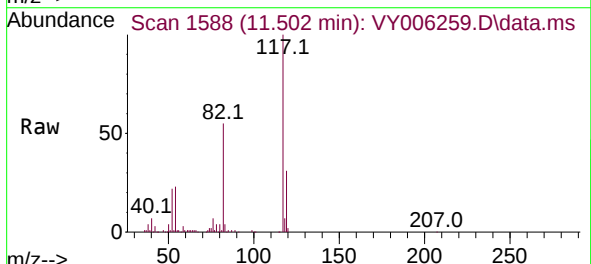
Instrument :
MSVOA_Y
ClientSampleId :

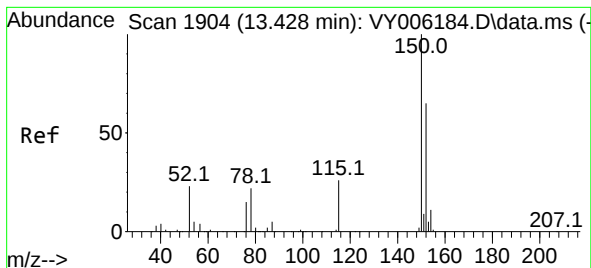
Tgt Ion: 95 Resp: 43794
Ion Ratio Lower Upper
95 100
174 94.6 0.0 177.0
176 91.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Tgt Ion: 117 Resp: 115147
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 30.8 25.4 38.0

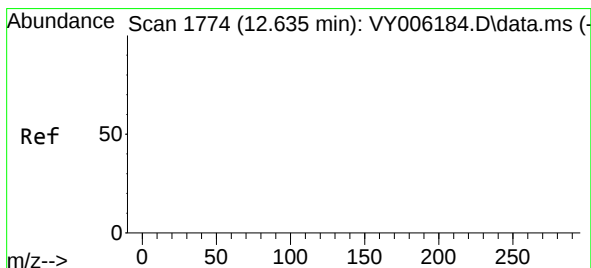
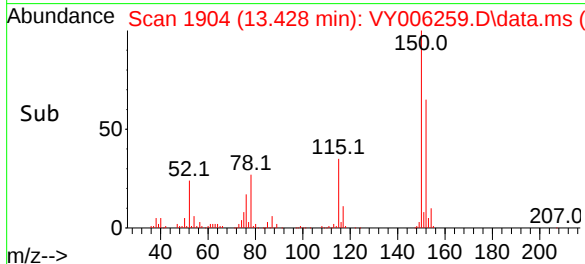
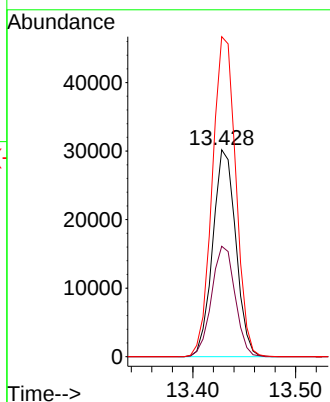
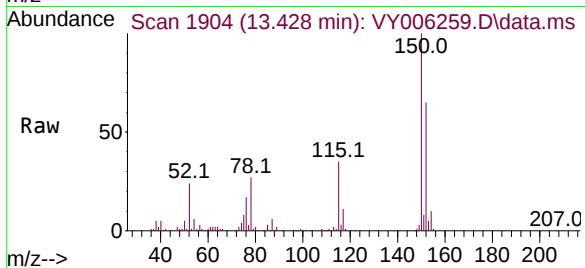




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006259.D
 Acq: 01 Oct 2021 13:36

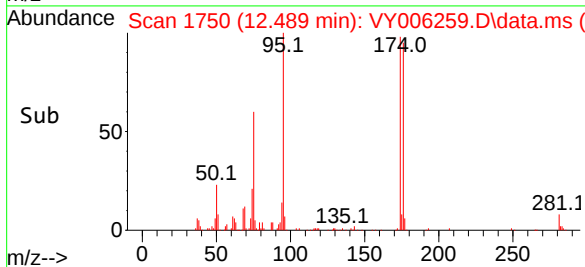
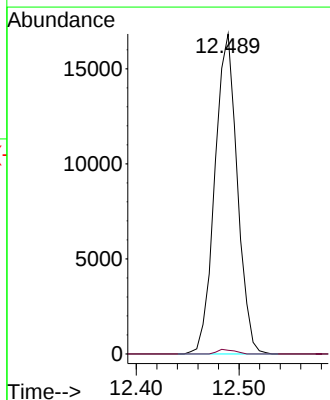
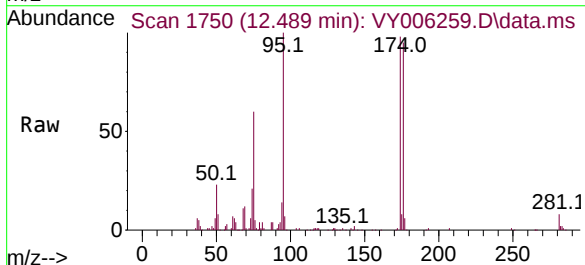
Instrument :
 MSVOA_Y
 ClientSampled :

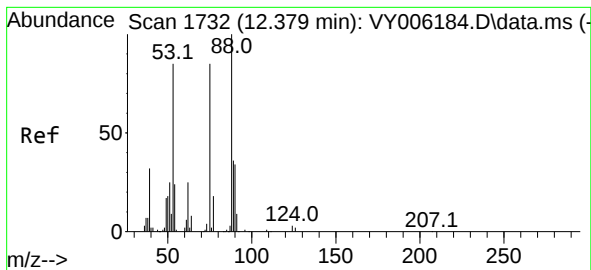
Tgt Ion:152 Resp: 47096
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.2 84.7
 150 157.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 55.762 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY006259.D
 Acq: 01 Oct 2021 13:36

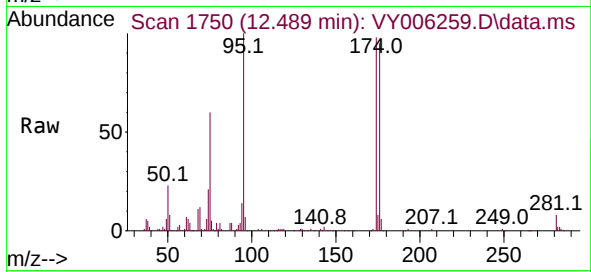
Tgt Ion: 75 Resp: 25525
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.580 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.110 min
Lab File: VY006259.D
Acq: 01 Oct 2021 13:36

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	25525
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

