

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006340.D
 Acq On : 07 Oct 2021 18:35
 Operator : SY/MD
 Sample : M4117-12
 Misc : 2.22G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(3-3.5)

Quant Time: Oct 08 07:14:19 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

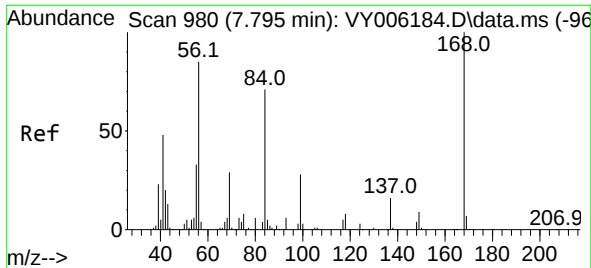
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	120245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	197743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	79457	61.739	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.480%	
35) Dibromofluoromethane	7.728	113	59491	56.312	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.620%	
50) Toluene-d8	10.185	98	250738	56.709	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.420%	
62) 4-Bromofluorobenzene	12.483	95	74568	49.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	1721	15.287	ug/l #	77
31) Cyclohexane	7.789	56	2792	1.145	ug/l #	37
36) 1,1-Dichloropropene	7.795	75	9138	4.645	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11742	5.652	ug/l #	15
51) 4-Methyl-2-Pentanone	10.179	43	1261	1.105	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42459	52.732	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42459	103.625	ug/l #	8

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

Quant Time: Oct 08 07:14:19 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

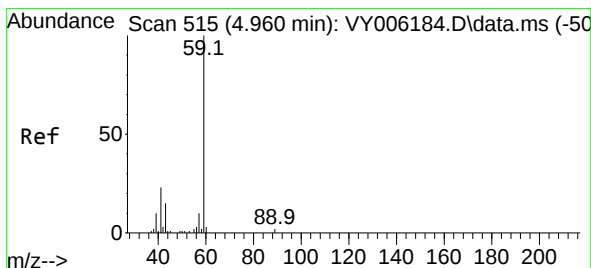
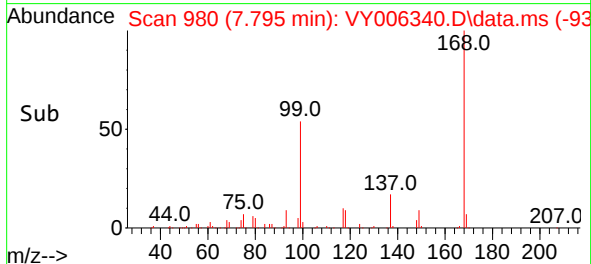
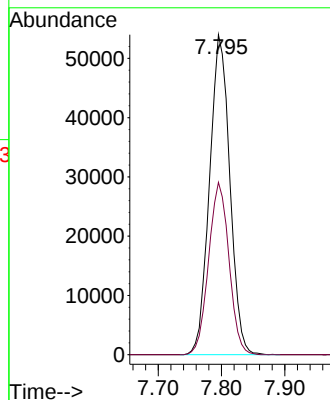
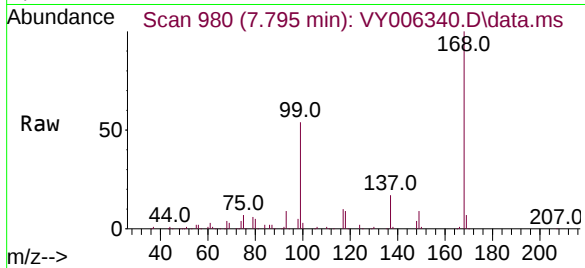




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

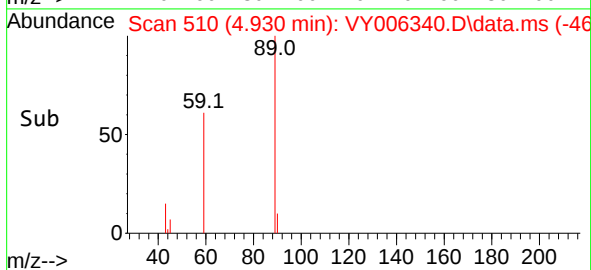
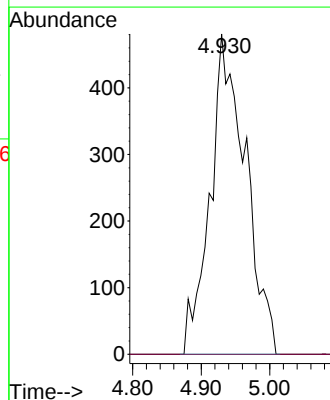
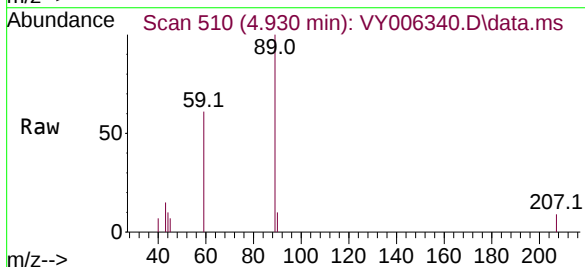
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(3-3.5)

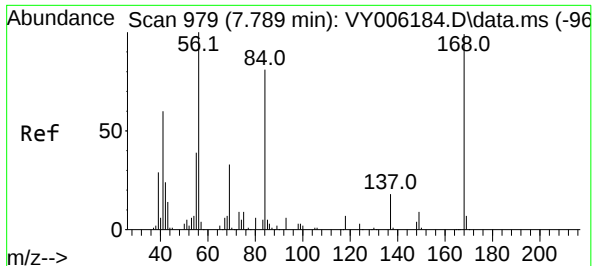
Tgt Ion:168 Resp: 120245
Ion Ratio Lower Upper
168 100
99 53.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 15.287 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.030 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

Tgt Ion: 59 Resp: 1721
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

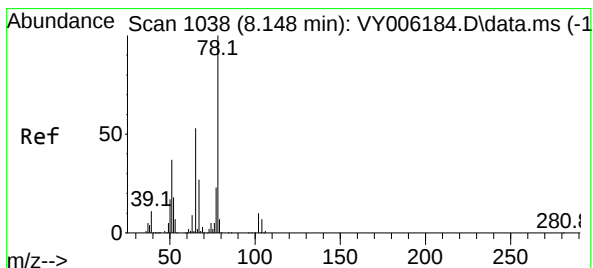
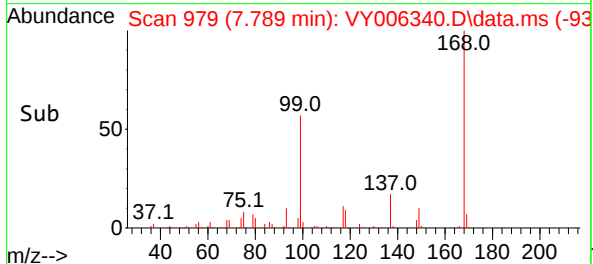
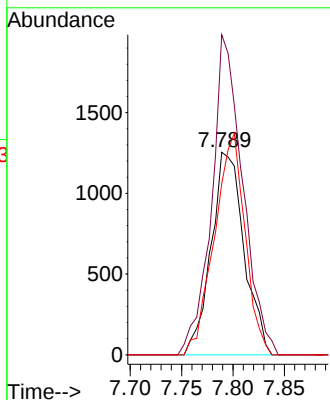
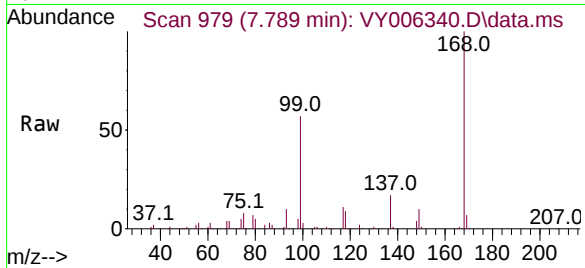




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

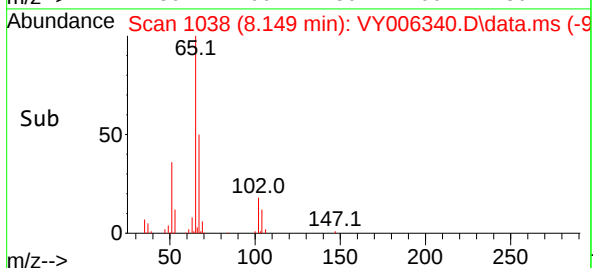
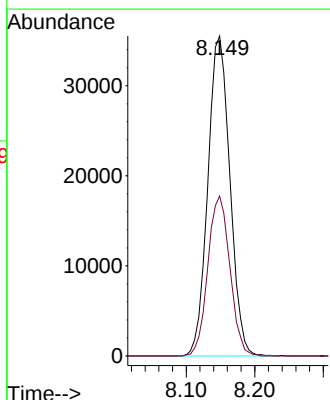
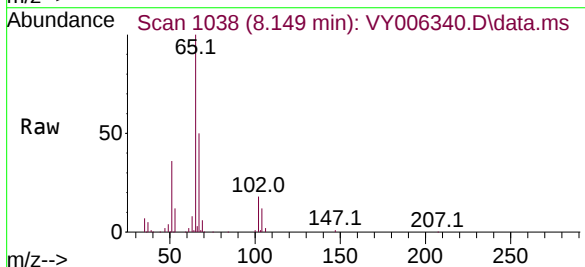
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(3-3.5)

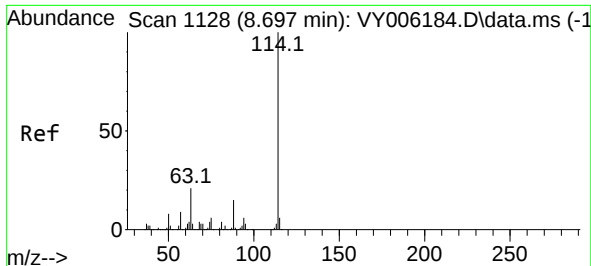
Tgt Ion: 56 Resp: 2792
Ion Ratio Lower Upper
56 100
69 158.1 26.7 40.1#
84 84.4 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 61.739 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

Tgt Ion: 65 Resp: 79457
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.4

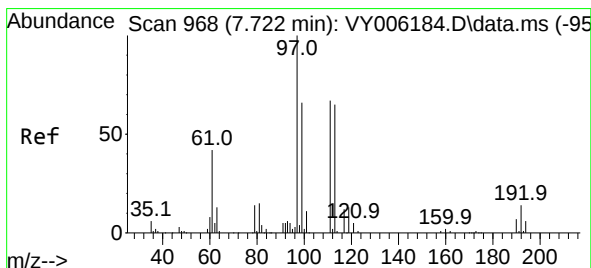
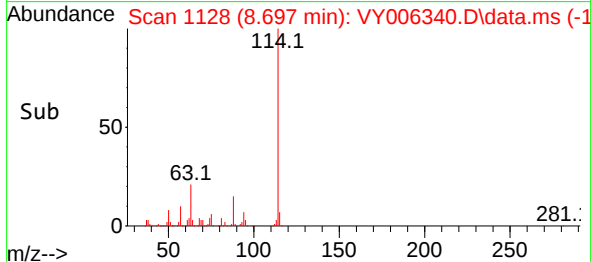
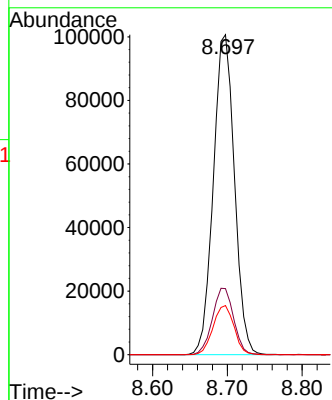
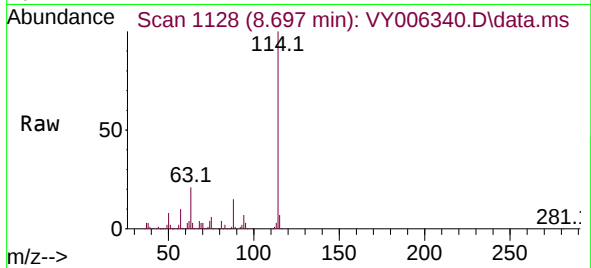




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

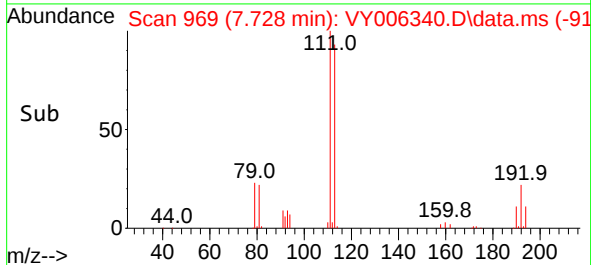
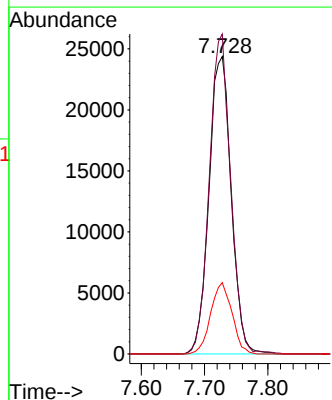
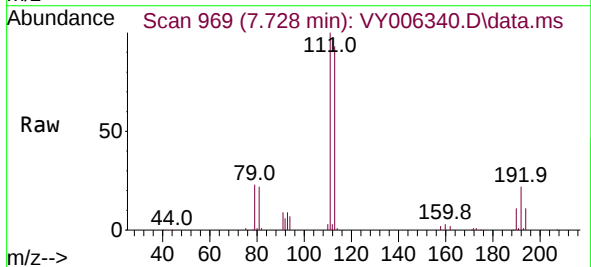
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(3-3.5)

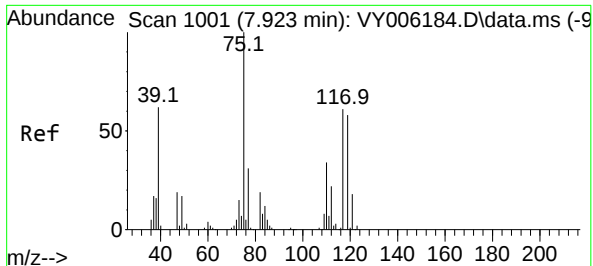
Tgt Ion:	114	Resp:	197743
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.2
88	15.3	0.0	31.8



#35
Dibromofluoromethane
Concen: 56.312 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

Tgt Ion:	113	Resp:	59491
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	23.0	17.6	26.4





#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.795 min Scan# 980

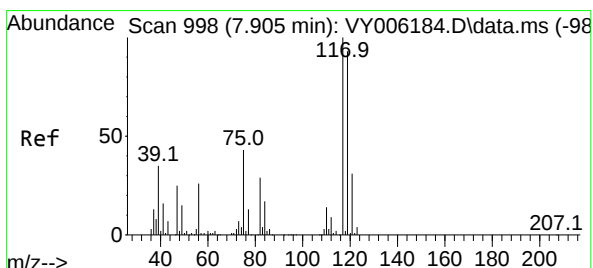
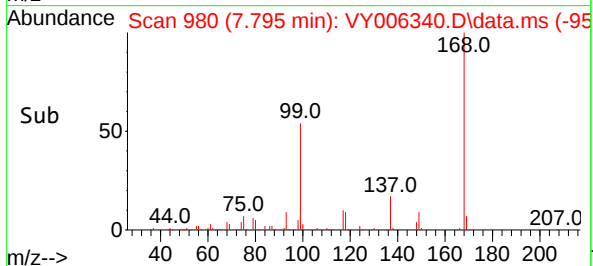
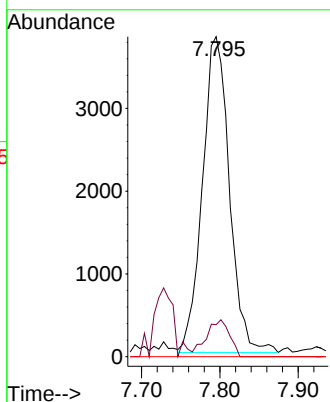
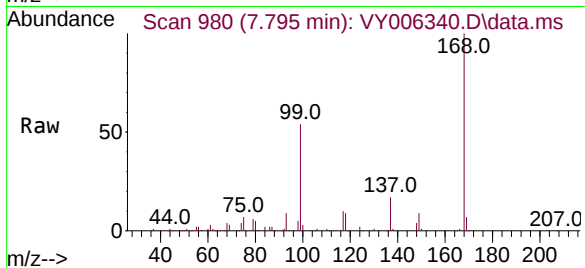
Delta R.T. -0.128 min

Lab File: VY006340.D

Acq: 07 Oct 2021 18:35

Tgt Ion:	75	Resp:	9138
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.1	51.2#
77	0.0	24.4	36.6#

Instrument :
MSVOA_Y
ClientSampled :
SB-4(3-3.5)



#38

Carbon Tetrachloride

Concen: 5.652 ug/l

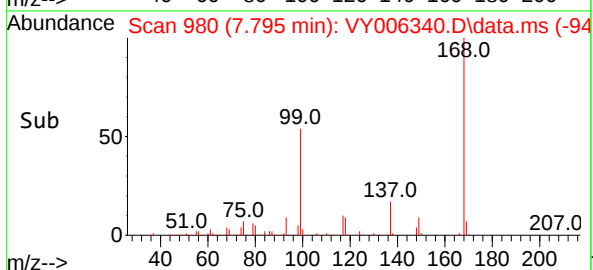
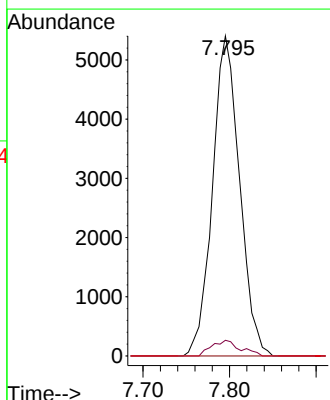
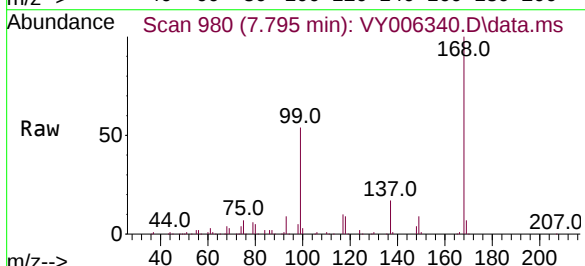
RT: 7.795 min Scan# 980

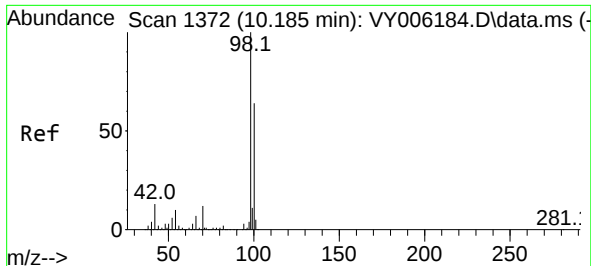
Delta R.T. -0.109 min

Lab File: VY006340.D

Acq: 07 Oct 2021 18:35

Tgt Ion:	117	Resp:	11742
Ion	Ratio	Lower	Upper
117	100		
119	4.9	77.9	116.9#
121	0.0	24.8	37.2#

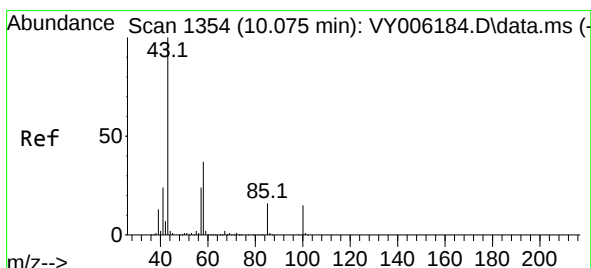
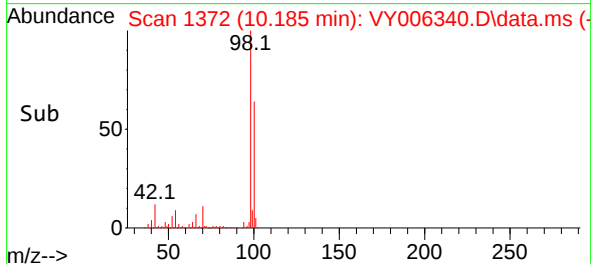
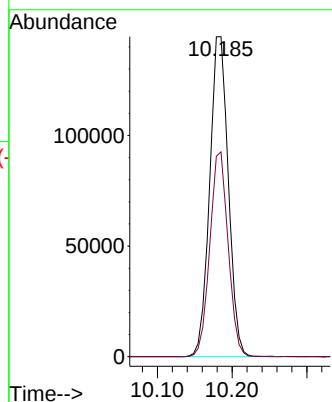
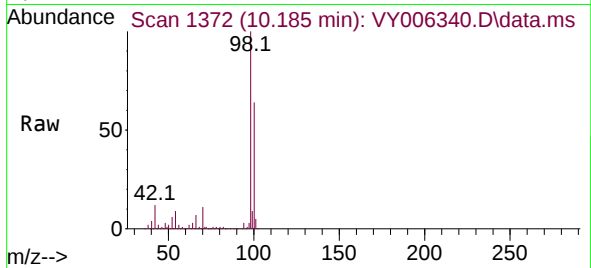




#50
Toluene-d8
Concen: 56.709 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

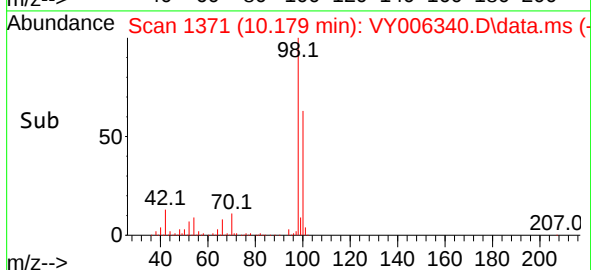
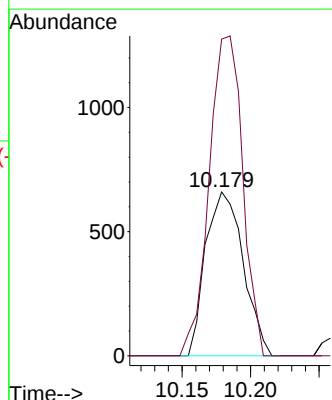
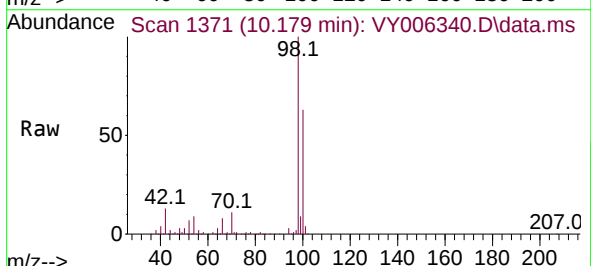
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(3-3.5)

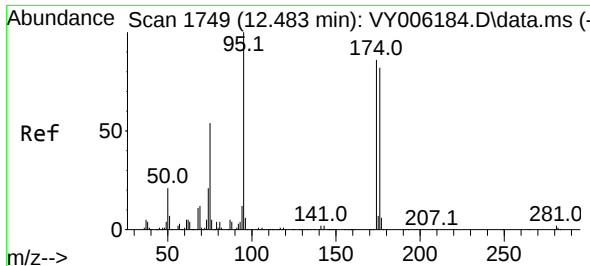
Tgt Ion: 98 Resp: 250738
Ion Ratio Lower Upper
98 100
100 62.8 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.105 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

Tgt Ion: 43 Resp: 1261
Ion Ratio Lower Upper
43 100
58 173.9 28.1 42.1#

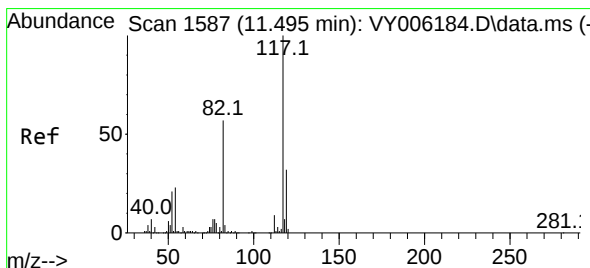
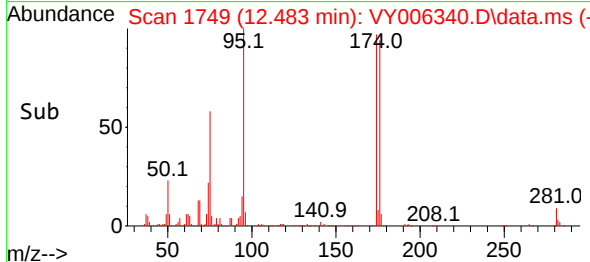
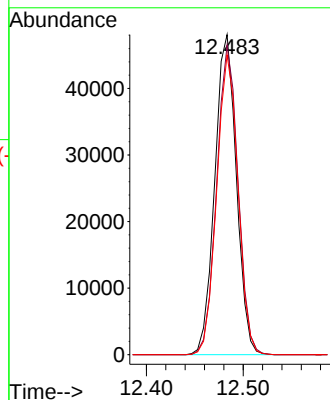
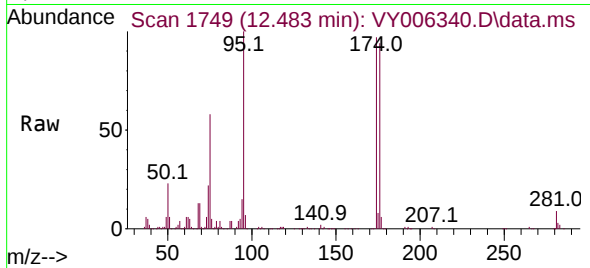




#62
4-Bromofluorobenzene
Concen: 49.645 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

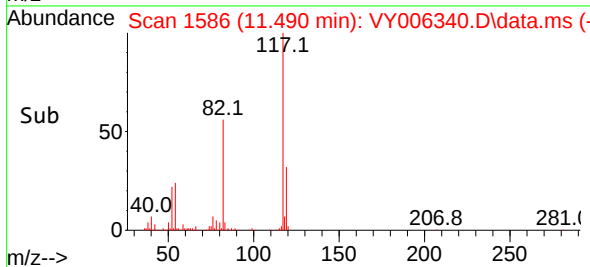
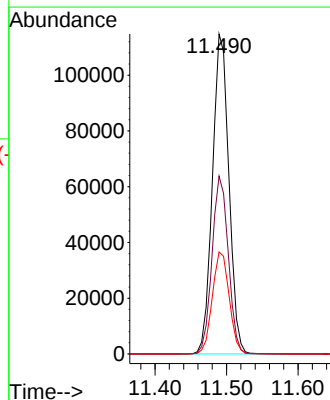
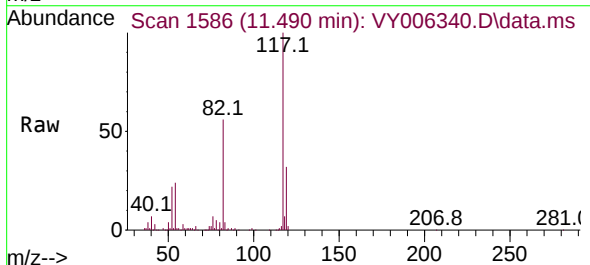
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(3-3.5)

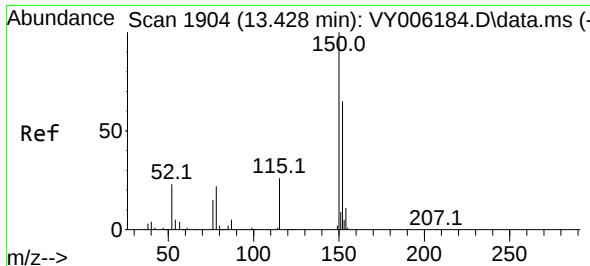
Tgt Ion: 95 Resp: 74568
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 92.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006340.D
Acq: 07 Oct 2021 18:35

Tgt Ion: 117 Resp: 183110
Ion Ratio Lower Upper
117 100
82 55.6 43.0 64.4
119 31.9 25.4 38.0

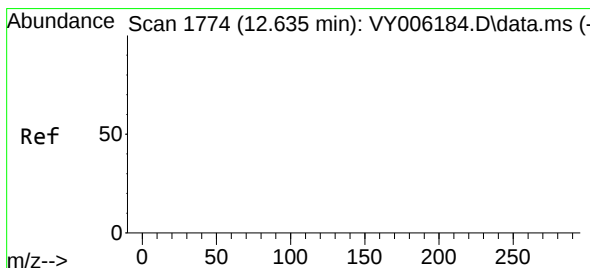
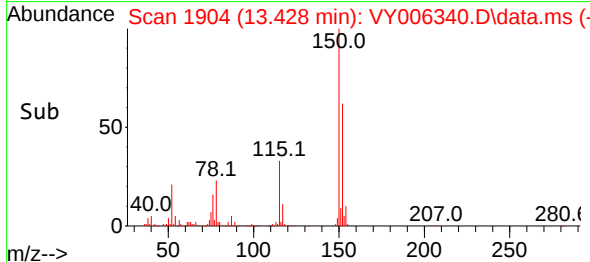
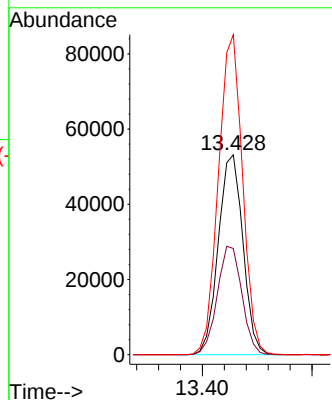
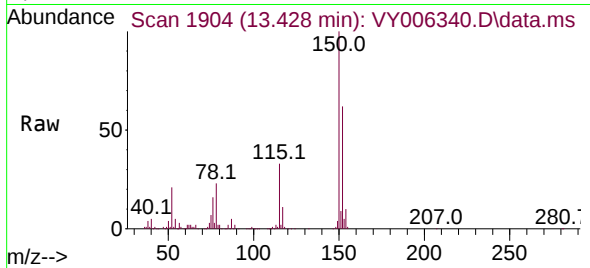




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006340.D
 Acq: 07 Oct 2021 18:35

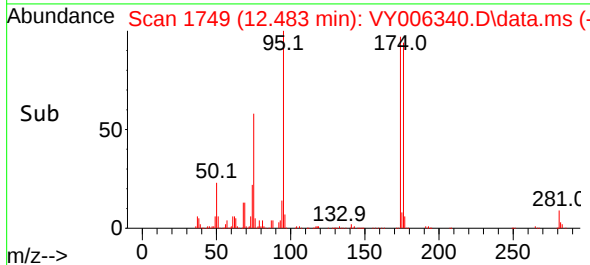
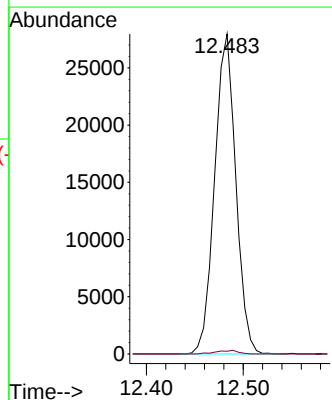
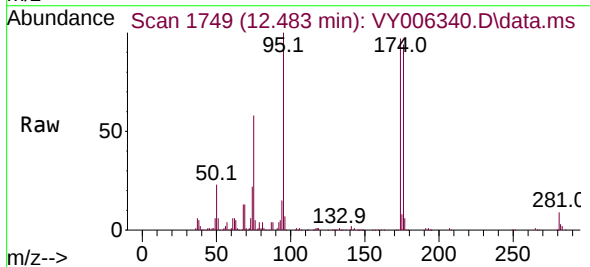
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(3-3.5)

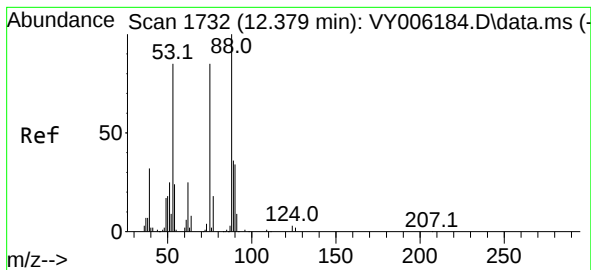
Tgt Ion:152 Resp: 82843
 Ion Ratio Lower Upper
 152 100
 115 54.3 28.2 84.7
 150 156.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 52.732 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006340.D
 Acq: 07 Oct 2021 18:35

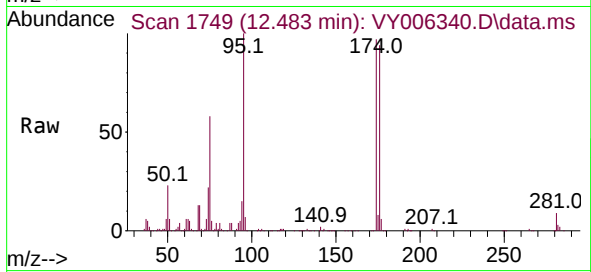
Tgt Ion: 75 Resp: 42459
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.625 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006340.D
 Acq: 07 Oct 2021 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(3-3.5)



Tgt Ion: 75 Resp: 42459
 Ion Ratio Lower Upper
 75 100
 53 0.7 85.3 127.9#
 89 0.1 37.0 55.4#

