

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006339.D
 Acq On : 07 Oct 2021 18:12
 Operator : SY/MD
 Sample : M4117-11
 Misc : 4.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(1.5-2.0)

Quant Time: Oct 08 07:14:03 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

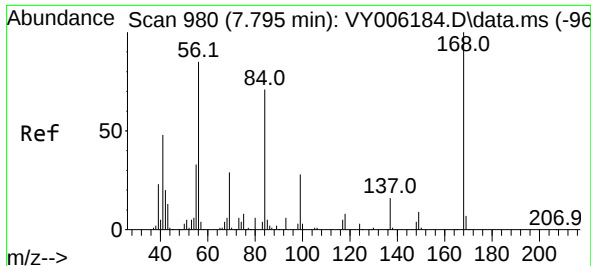
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	115805	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	180785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	86169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	78958	63.704	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.400%	
35) Dibromofluoromethane	7.722	113	56987	56.250	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.500%	
50) Toluene-d8	10.179	98	237389	55.987	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.980%	
62) 4-Bromofluorobenzene	12.483	95	75202	52.209	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.420%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	1719	15.855	ug/l #	77
31) Cyclohexane	7.795	56	2358	1.004	ug/l #	11
36) 1,1-Dichloropropene	7.795	75	9022	4.782	ug/l #	52
38) Carbon Tetrachloride	7.795	117	10819	5.431	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1149	1.050	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	42768	51.065	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42768	100.350	ug/l #	8

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

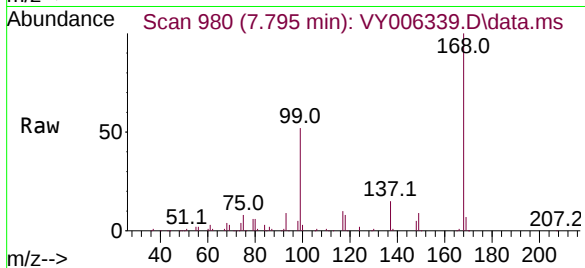
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 28 17:44:36 2021
Response via : Initial Calibration



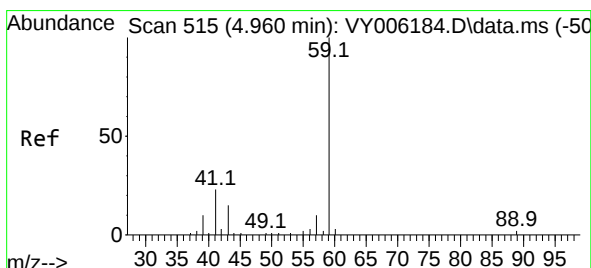
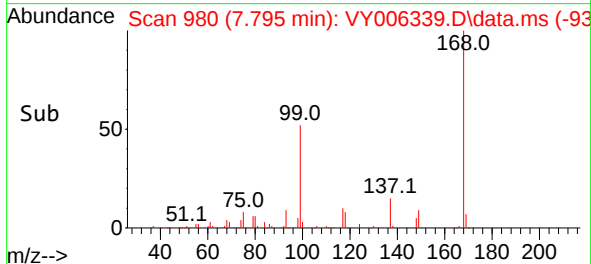
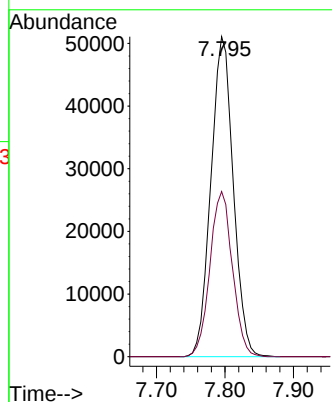


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

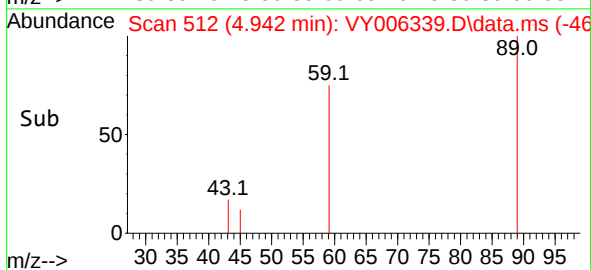
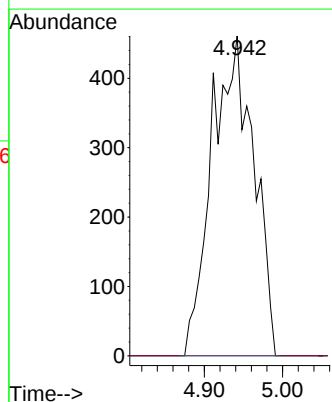
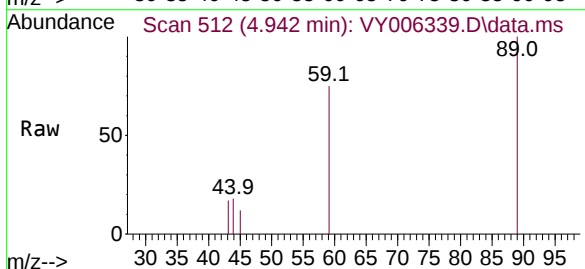


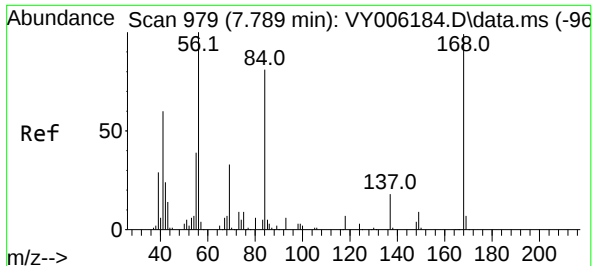
Tgt Ion:168 Resp: 115805
Ion Ratio Lower Upper
168 100
99 51.6 46.9 70.3



#11
Tert butyl alcohol
Concen: 15.855 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 59 Resp: 1719
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

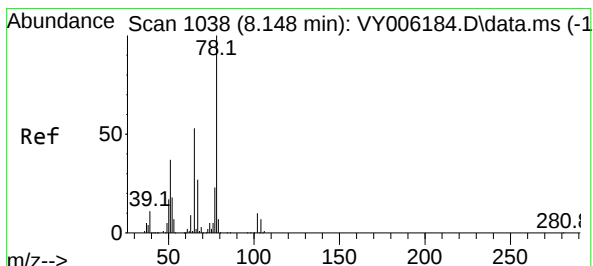
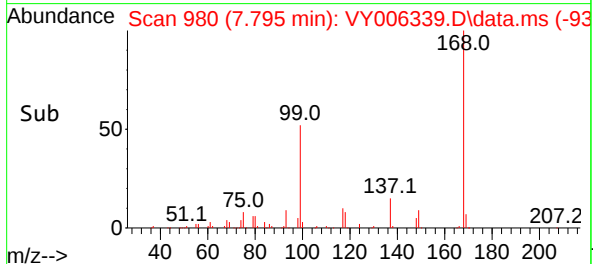
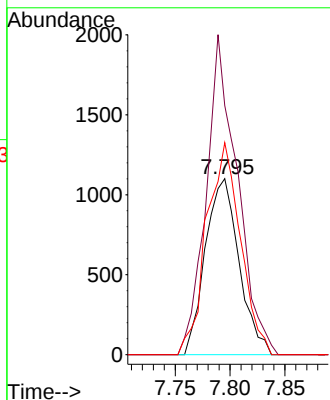
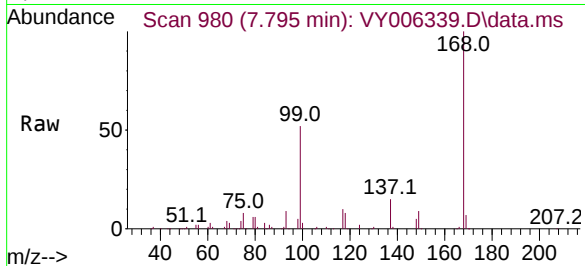




#31
Cyclohexane
Concen: 1.004 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

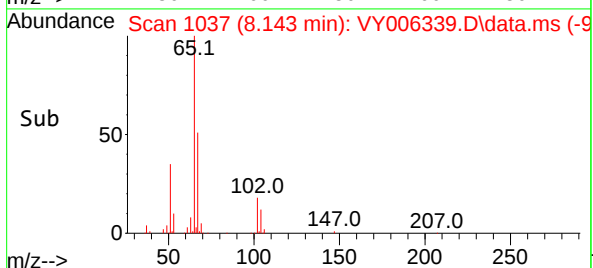
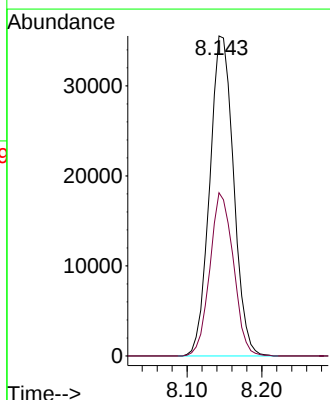
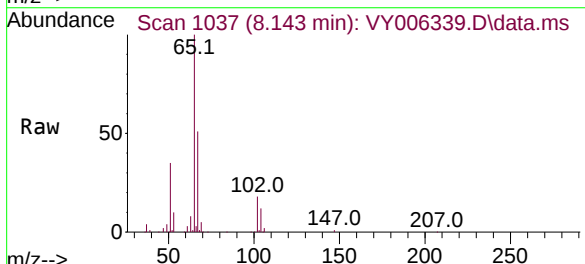
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

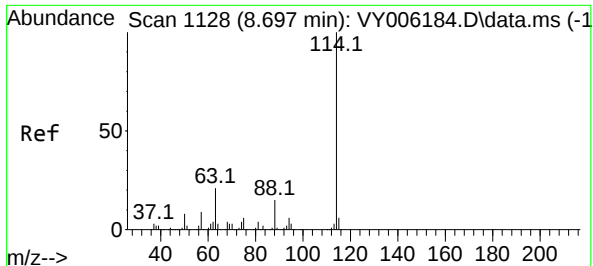
Tgt Ion: 56 Resp: 2358
Ion Ratio Lower Upper
56 100
69 141.5 26.7 40.1#
84 128.1 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.704 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 65 Resp: 78958
Ion Ratio Lower Upper
65 100
67 50.2 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: VY006339.D

Acq: 07 Oct 2021 18:12

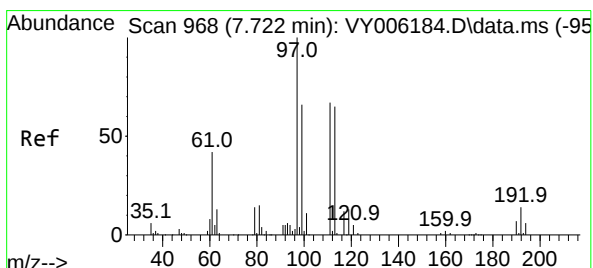
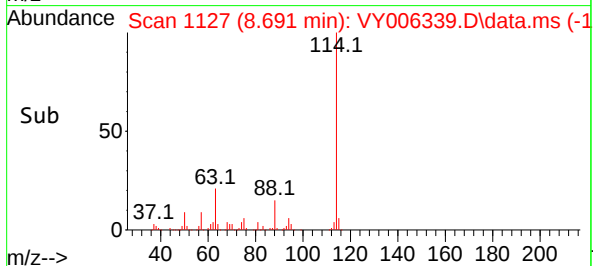
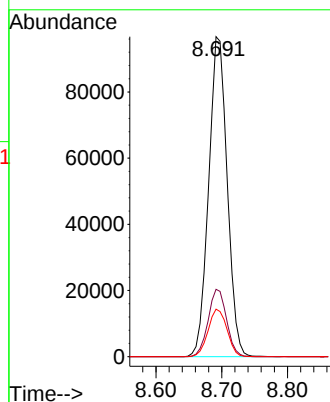
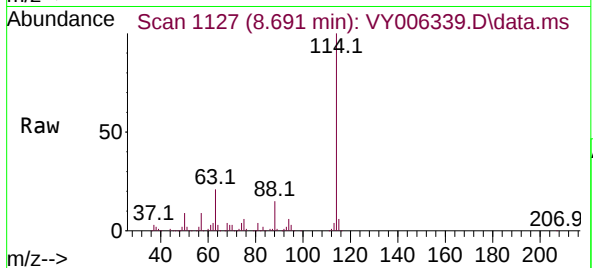
Tgt Ion:114 Resp: 189628

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.250 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006339.D

Acq: 07 Oct 2021 18:12

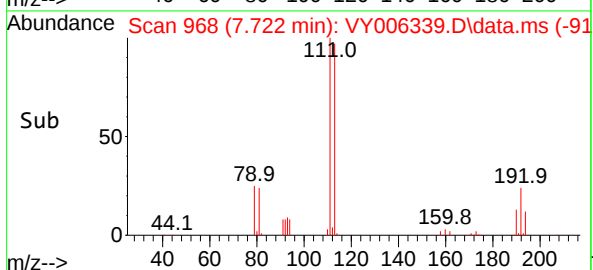
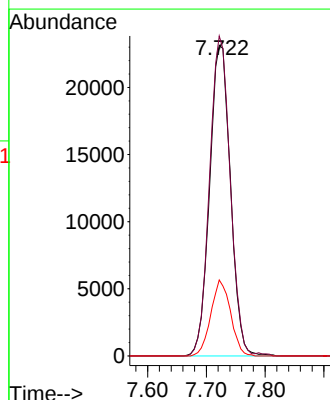
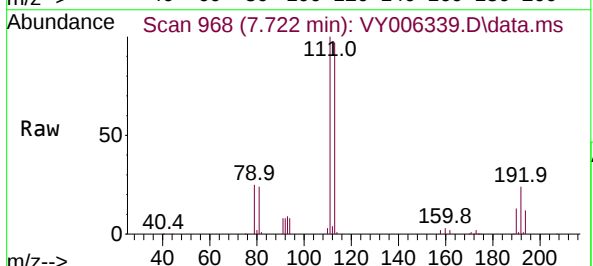
Tgt Ion:113 Resp: 56987

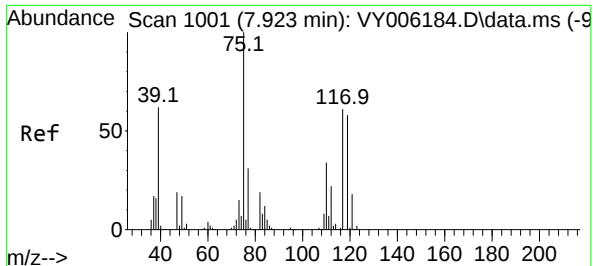
Ion Ratio Lower Upper

113 100

111 101.8 82.6 124.0

192 23.1 17.6 26.4



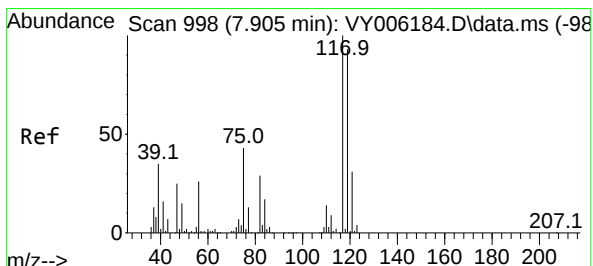
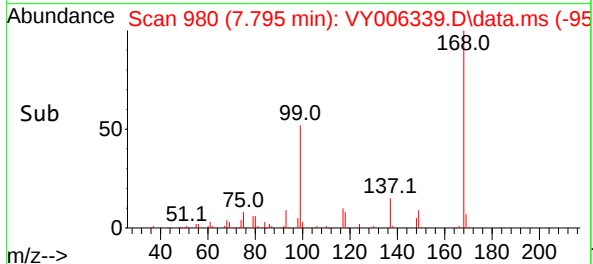
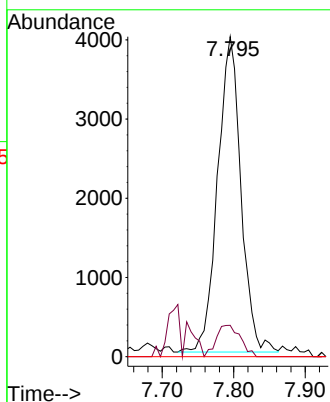
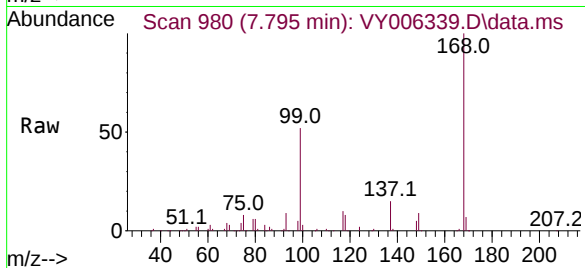


#36

1,1-Dichloropropene
Concen: 4.782 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

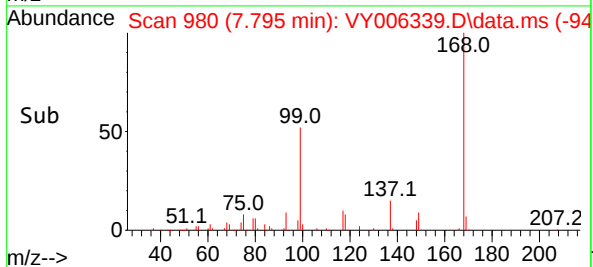
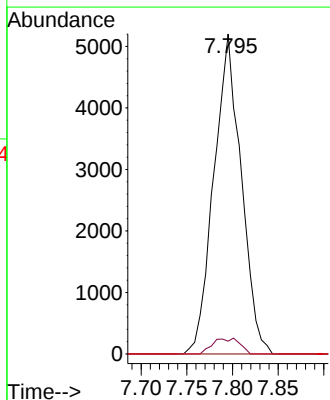
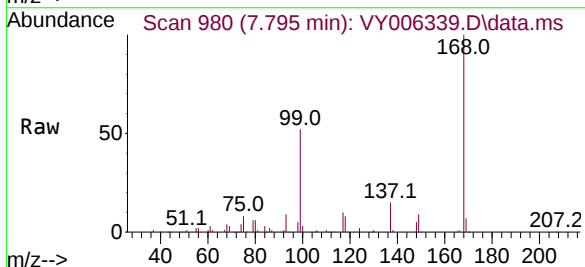
Tgt Ion: 75 Resp: 9022
Ion Ratio Lower Upper
75 100
110 10.3 17.1 51.2#
77 0.0 24.4 36.6#

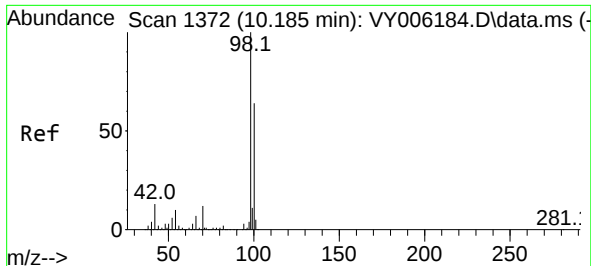


#38

Carbon Tetrachloride
Concen: 5.431 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 117 Resp: 10819
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#

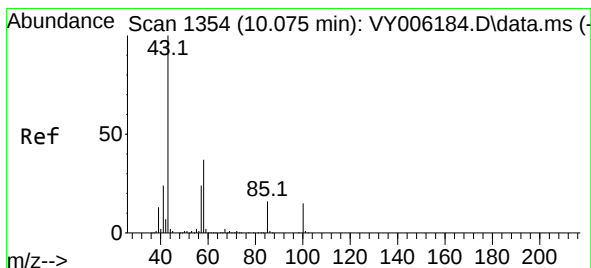
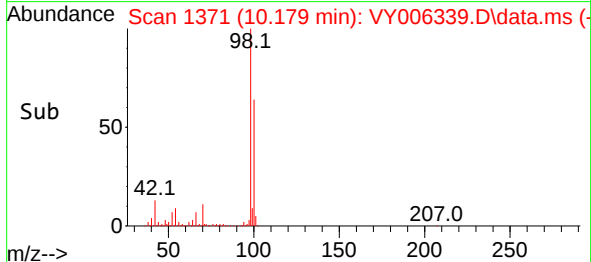
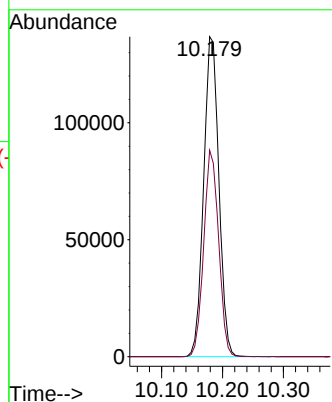
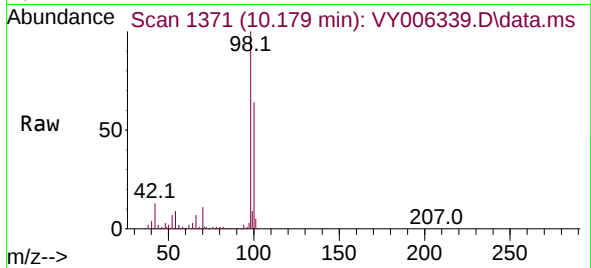




#50
Toluene-d8
Concen: 55.987 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

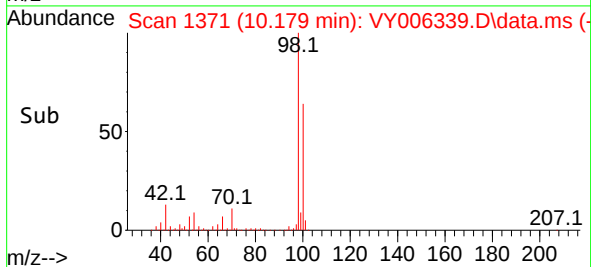
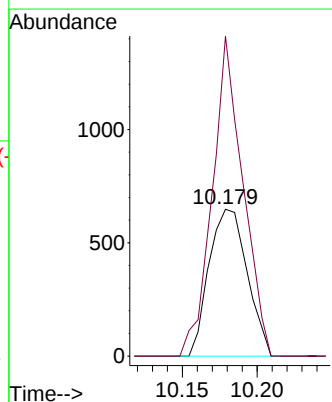
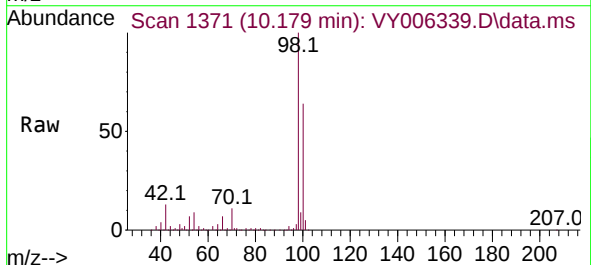
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

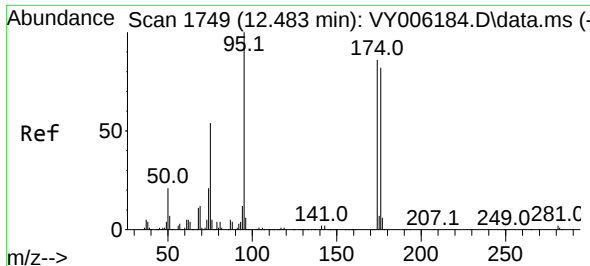
Tgt Ion: 98 Resp: 237389
Ion Ratio Lower Upper
98 100
100 63.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.050 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
58 175.5 28.1 42.1#

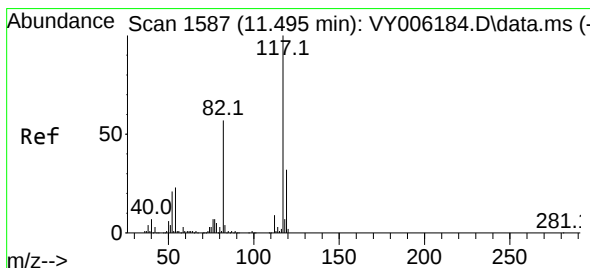
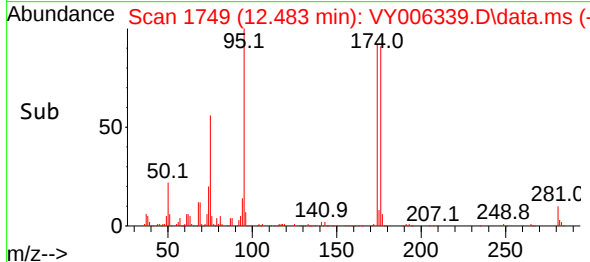
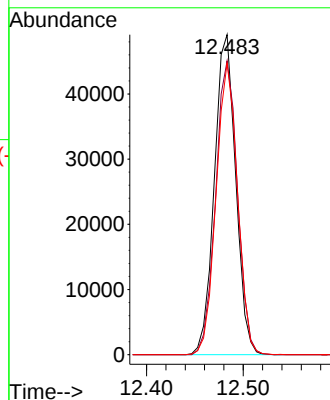
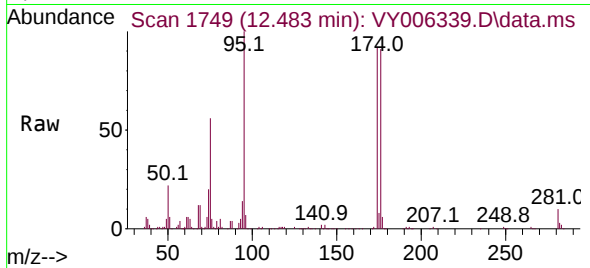




#62
4-Bromofluorobenzene
Concen: 52.209 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

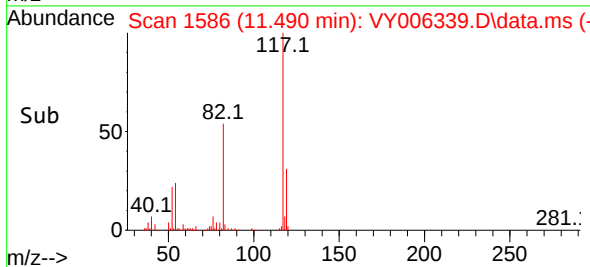
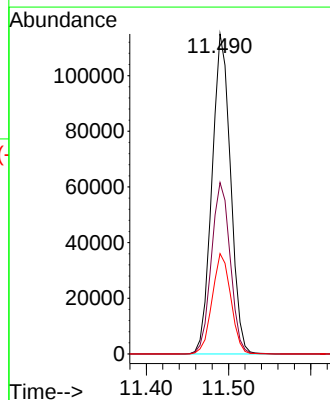
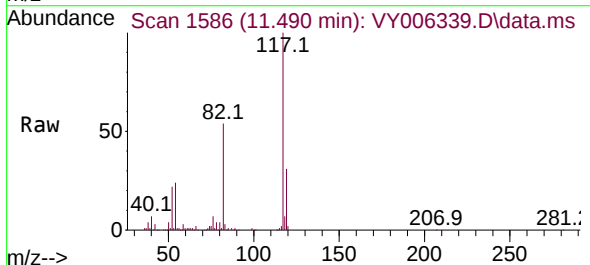
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(1.5-2.0)

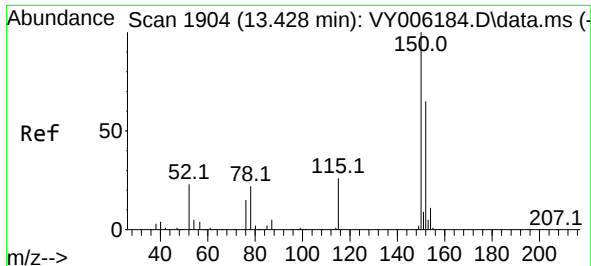
Tgt Ion: 95 Resp: 75202
Ion Ratio Lower Upper
95 100
174 93.9 0.0 177.0
176 91.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 117 Resp: 180785
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 31.3 25.4 38.0

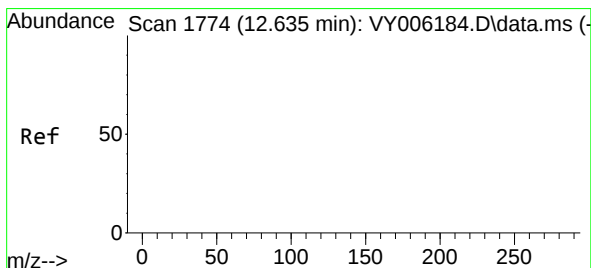
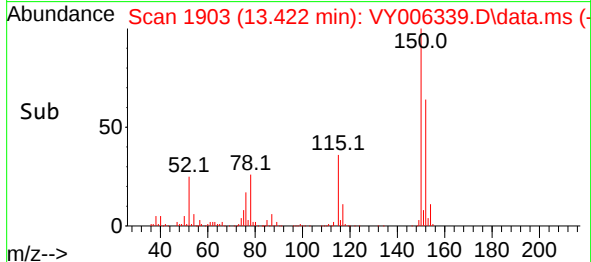
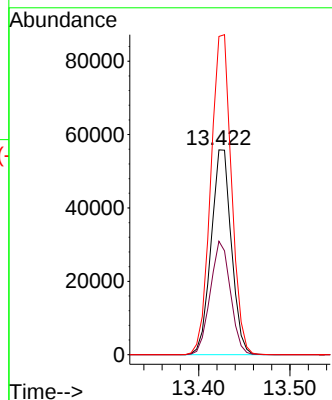
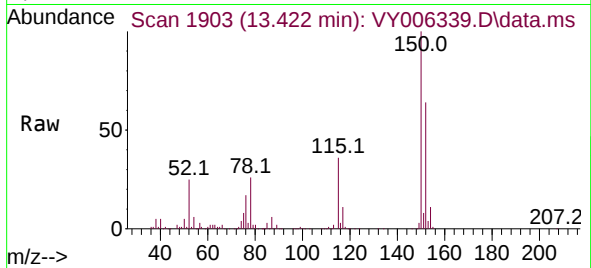




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

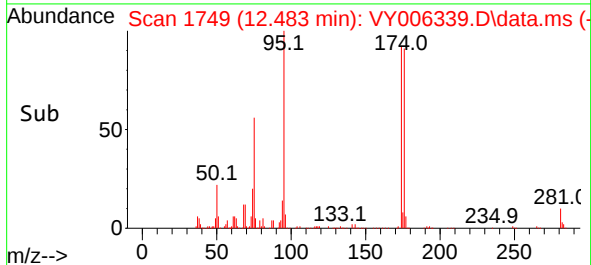
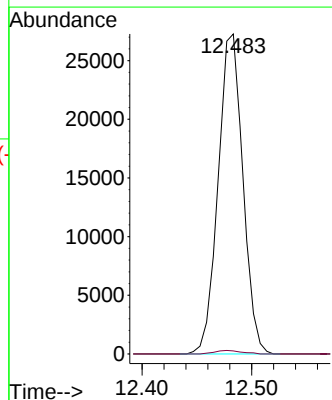
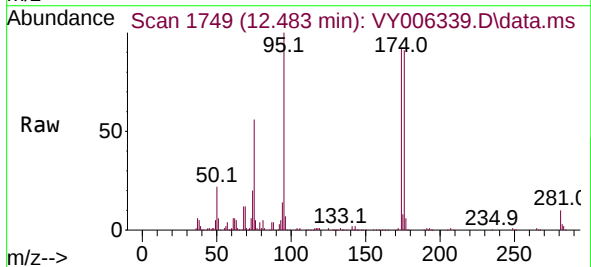
Instrument :
MSVOA_Y
ClientSampled :
SB-4(1.5-2.0)

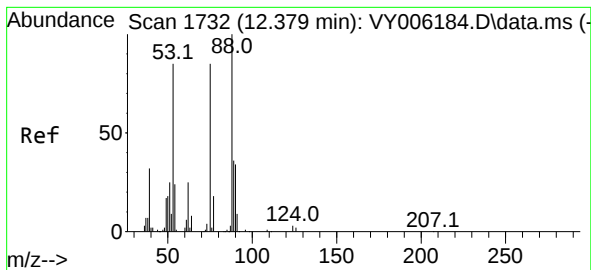
Tgt Ion:152 Resp: 86169
Ion Ratio Lower Upper
152 100
115 55.0 28.2 84.7
150 159.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 51.065 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006339.D
Acq: 07 Oct 2021 18:12

Tgt Ion: 75 Resp: 42768
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.350 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006339.D
 Acq: 07 Oct 2021 18:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(1.5-2.0)

Tgt Ion: 75 Resp: 42768
 Ion Ratio Lower Upper
 75 100
 53 0.5 85.3 127.9#
 89 0.0 37.0 55.4#

