

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101021\
 Data File : VY006360.D
 Acq On : 08 Oct 2021 17:22
 Operator : SY/MD
 Sample : M3990-09
 Misc : 7.5G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

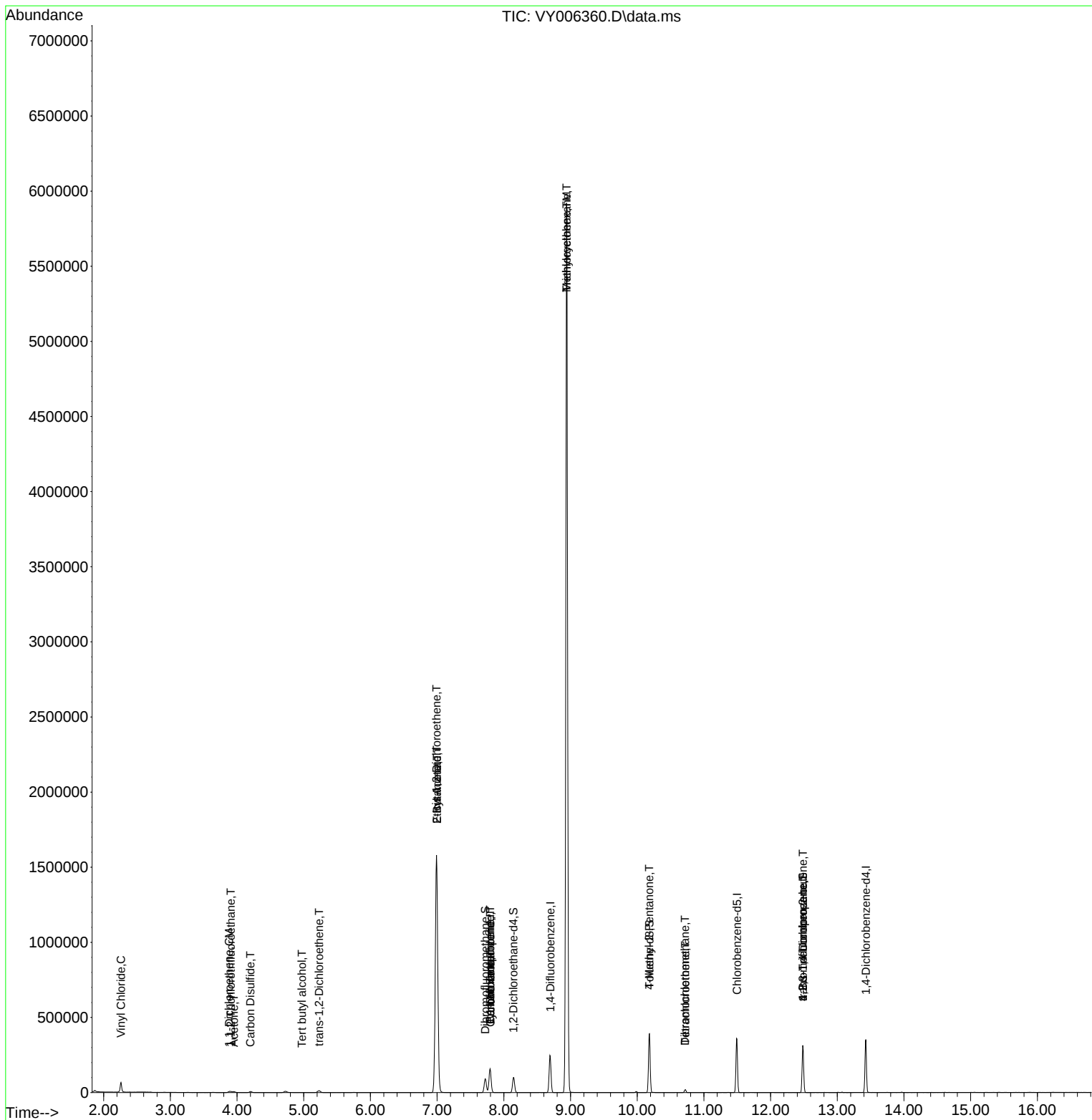
Quant Time: Oct 11 03:19:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

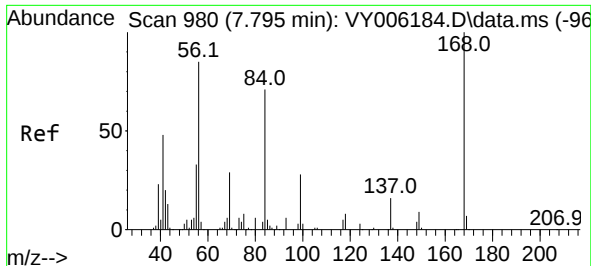
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	123063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	201961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	187234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	85741	65.097	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.200%	
35) Dibromofluoromethane	7.722	113	60030	55.635	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.280%	
50) Toluene-d8	10.185	98	254699	56.402	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.800%	
62) 4-Bromofluorobenzene	12.483	95	79782	52.006	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.260	62	60416	37.494	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	3629	3.203	ug/l	97
11) Tert butyl alcohol	4.972	59	263	2.283	ug/l #	77
12) 1,1-Dichloroethene	3.881	96	2933	2.545	ug/l #	75
16) Acetone	3.954	43	10730	29.167	ug/l	98
17) Carbon Disulfide	4.198	76	13895	3.605	ug/l	98
21) trans-1,2-Dichloroethene	5.229	96	7926	6.203	ug/l #	83
25) 2-Butanone	6.996	43	1421	2.773	ug/l #	1
27) cis-1,2-Dichloroethene	6.990	96	905766	632.899	ug/l	86
31) Cyclohexane	7.801	56	2838	1.137	ug/l #	29
36) 1,1-Dichloropropene	7.795	75	9804	4.879	ug/l #	51
37) Ethyl Acetate	6.996	43	1421	1.214	ug/l #	1
38) Carbon Tetrachloride	7.795	117	12259	5.778	ug/l #	16
39) Methylcyclohexane	8.941	83	24362	9.652	ug/l #	1
44) Trichloroethene	8.941	130	1860589	1263.670	ug/l	92
51) 4-Methyl-2-Pentanone	10.179	43	1548	1.328	ug/l #	1
60) Dibromochloromethane	10.715	129	3598	2.816	ug/l #	11
64) Tetrachloroethene	10.721	164	4341	2.879	ug/l	94
76) 1,2,3-Trichloropropane	12.483	75	46654	55.588	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46654	109.238	ug/l #	7

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

Quant Time: Oct 11 03:19:39 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

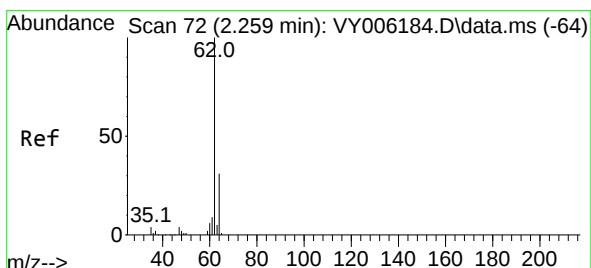
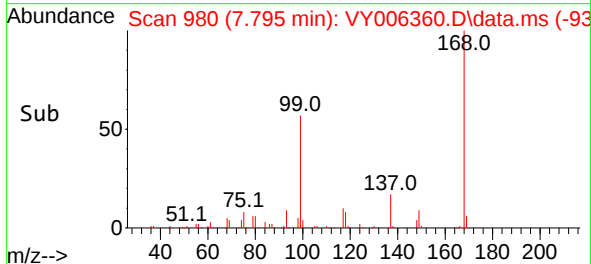
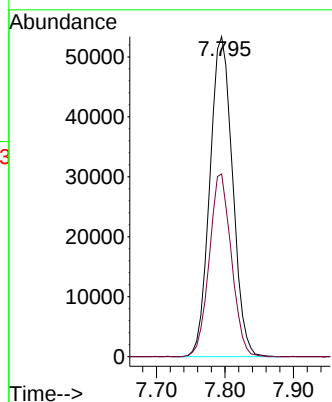
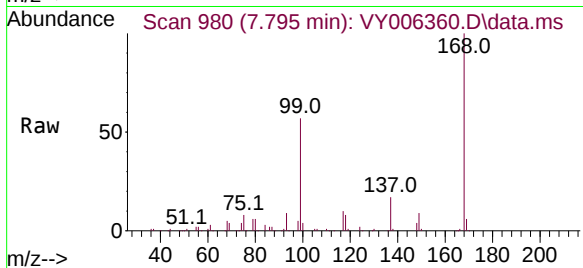




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

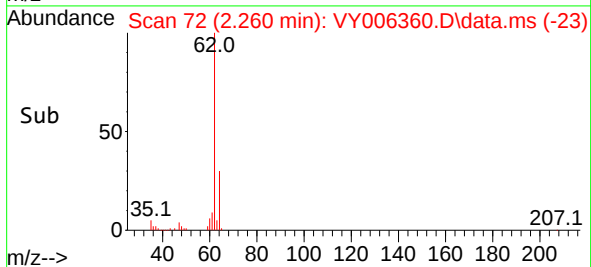
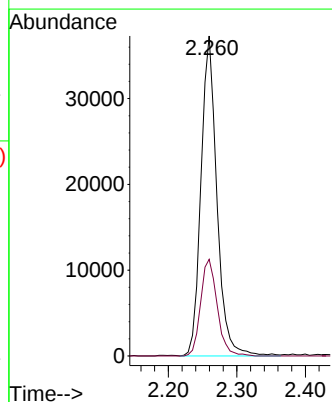
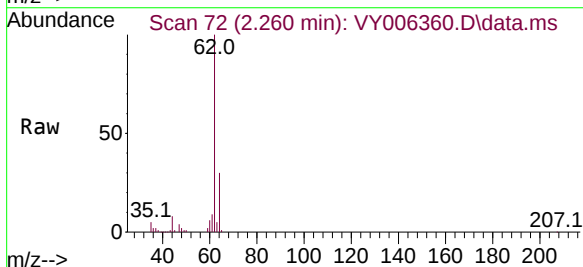
Instrument :
MSVOA_Y
ClientSampled :

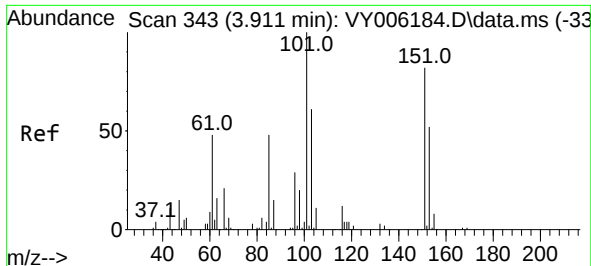
Tgt Ion:168 Resp: 123063
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#4
Vinyl Chloride
Concen: 37.494 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 62 Resp: 60416
Ion Ratio Lower Upper
62 100
64 30.2 25.0 37.6

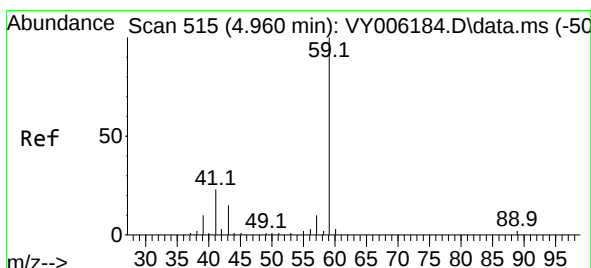
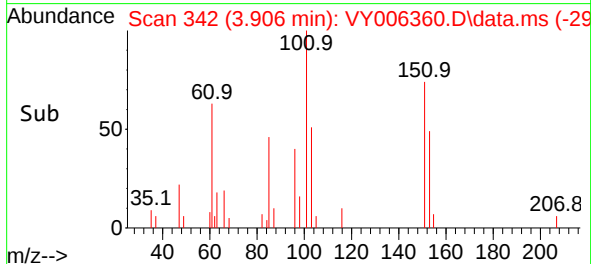
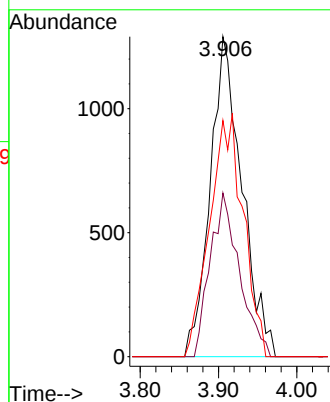
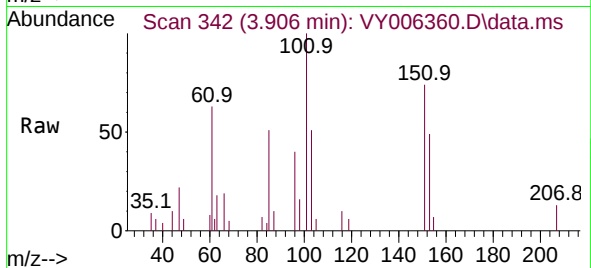




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.203 ug/l
RT: 3.906 min Scan# 342
Delta R.T. -0.005 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

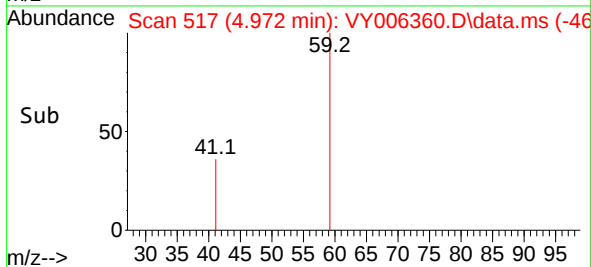
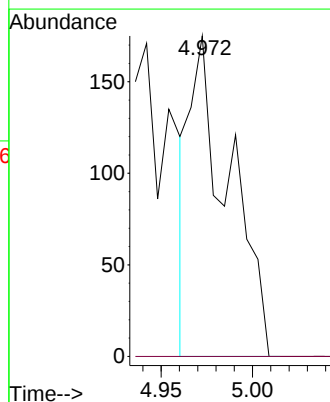
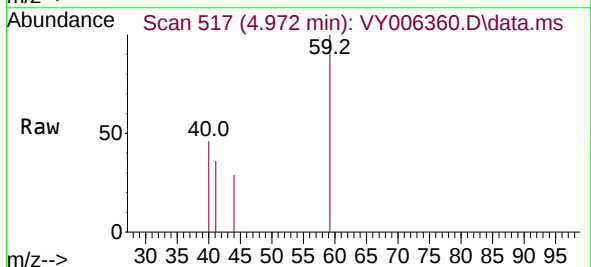
Instrument :
MSVOA_Y
ClientSampleId :

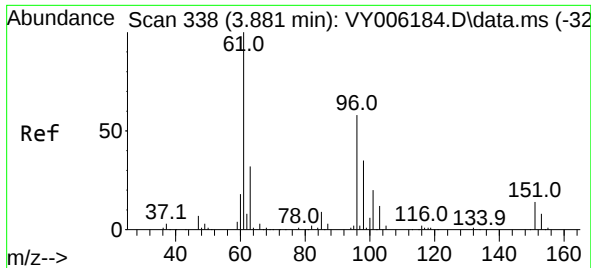
Tgt Ion:101 Resp: 3629
Ion Ratio Lower Upper
101 100
85 47.3 40.6 60.8
151 80.2 64.9 97.3



#11
Tert butyl alcohol
Concen: 2.283 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.012 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 59 Resp: 263
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

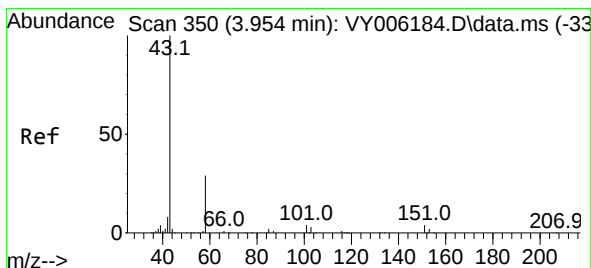
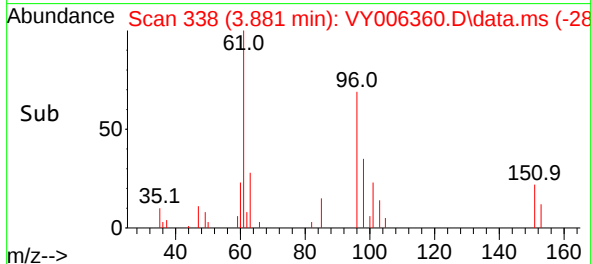
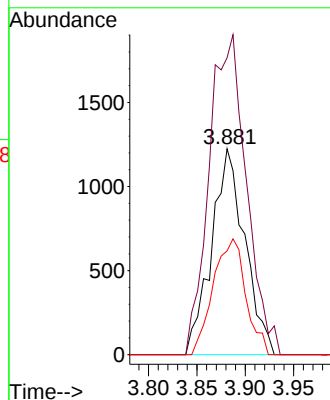
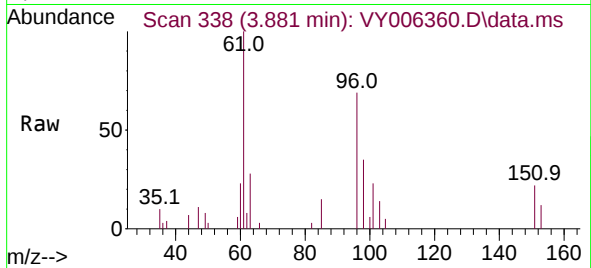




#12
1,1-Dichloroethene
Concen: 2.545 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

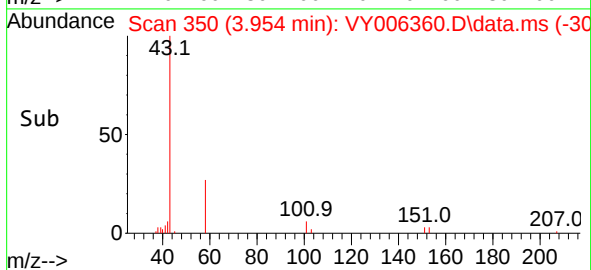
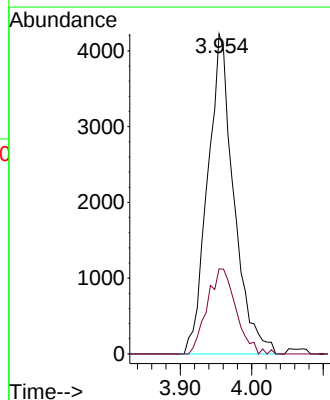
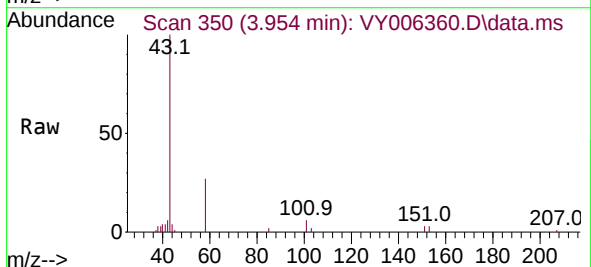
Instrument :
MSVOA_Y
ClientSampleId :

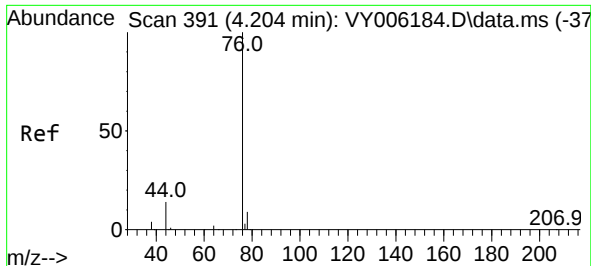
Tgt Ion: 96 Resp: 2933
Ion Ratio Lower Upper
96 100
61 144.2 145.8 218.6#
98 50.4 52.5 78.7#



#16
Acetone
Concen: 29.167 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 43 Resp: 10730
Ion Ratio Lower Upper
43 100
58 26.6 22.0 33.0

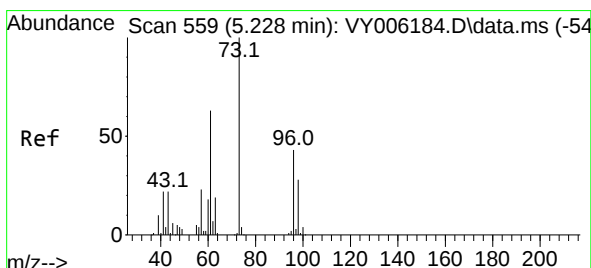
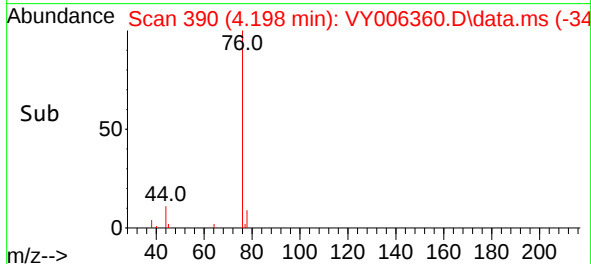
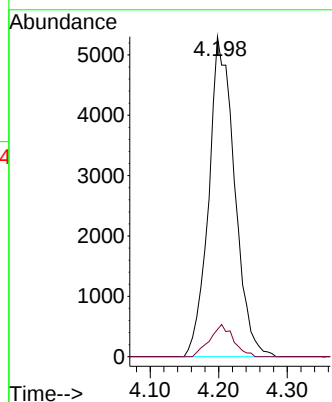
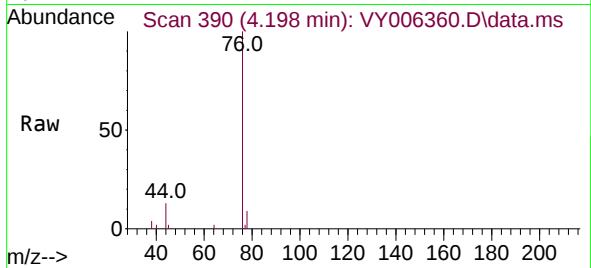




#17
Carbon Disulfide
Concen: 3.605 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

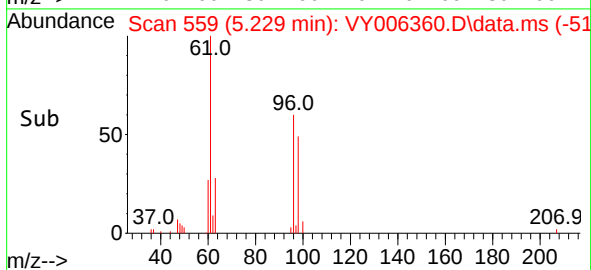
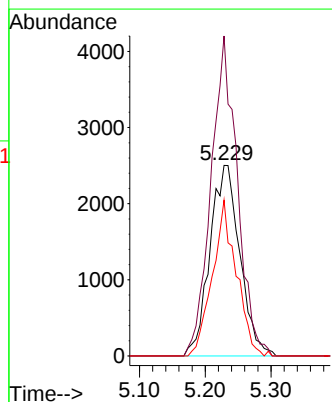
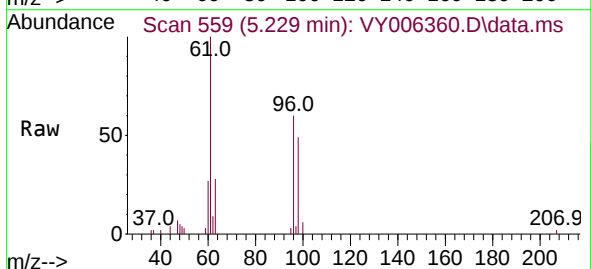
Instrument :
MSVOA_Y
ClientSampled :

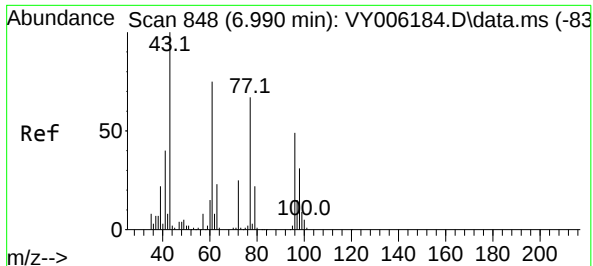
Tgt Ion: 76 Resp: 13895
Ion Ratio Lower Upper
76 100
78 8.5 7.4 11.0



#21
trans-1,2-Dichloroethene
Concen: 6.203 ug/l
RT: 5.229 min Scan# 559
Delta R.T. 0.001 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 96 Resp: 7926
Ion Ratio Lower Upper
96 100
61 167.9 120.5 180.7
98 81.7 49.8 74.8#





#25

2-Butanone

Concen: 2.773 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006360.D

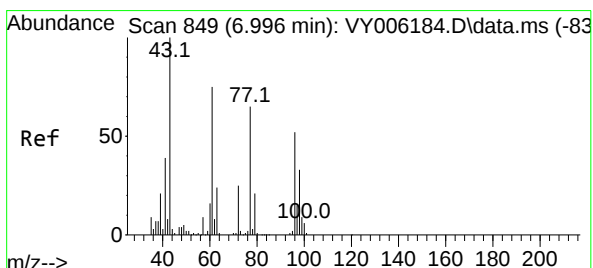
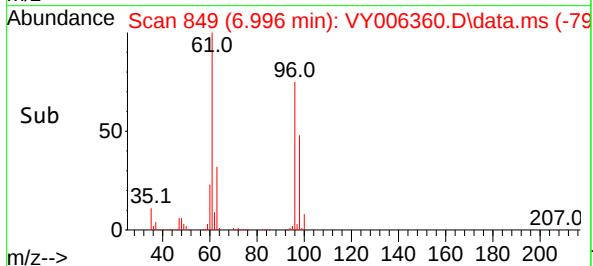
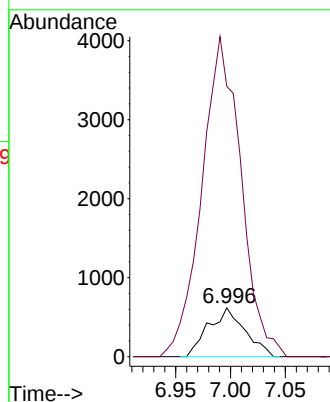
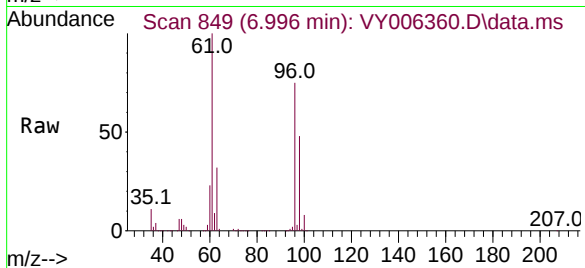
Acq: 08 Oct 2021 17:22

Tgt Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

72 536.1 17.7 26.5#



#27

cis-1,2-Dichloroethene

Concen: 632.899 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY006360.D

Acq: 08 Oct 2021 17:22

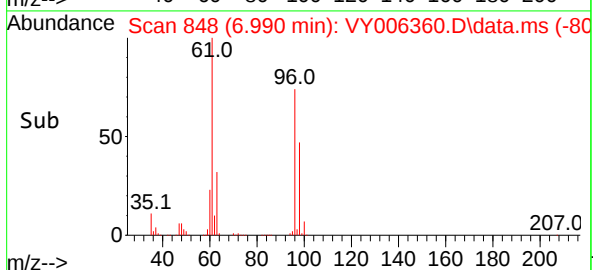
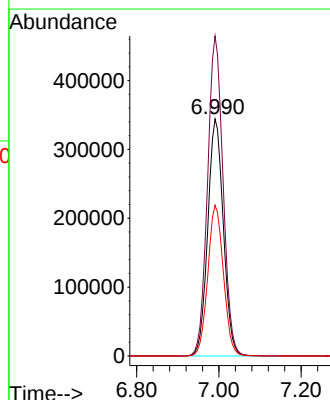
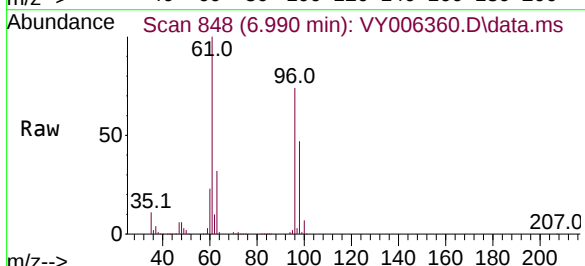
Tgt Ion: 96 Resp: 905766

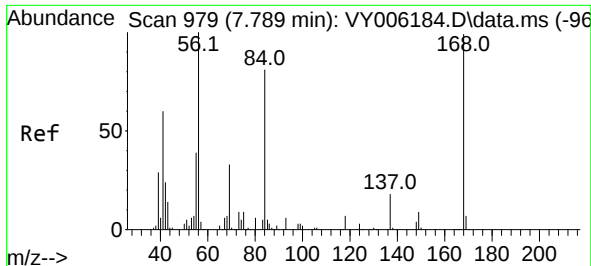
Ion Ratio Lower Upper

96 100

61 134.5 0.0 319.8

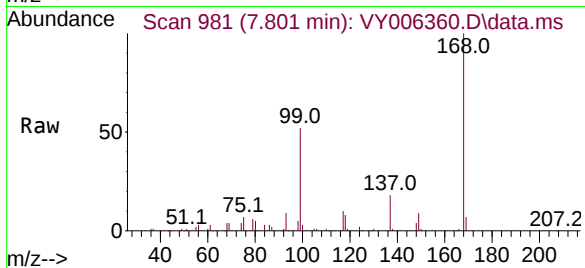
98 63.7 0.0 127.0



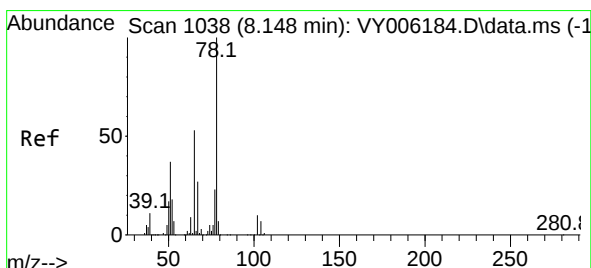
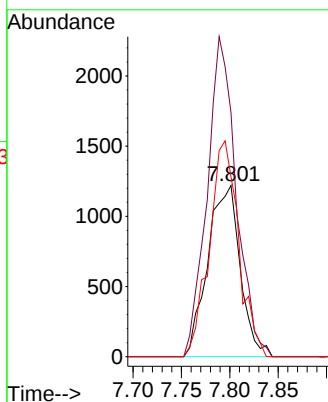
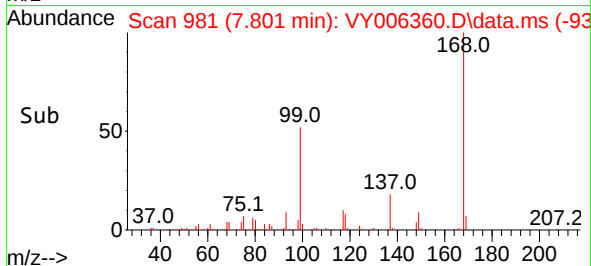


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

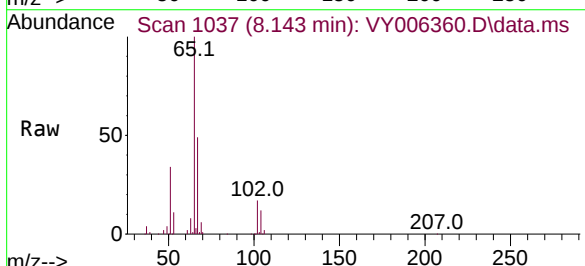
Instrument :
MSVOA_Y
ClientSampled :



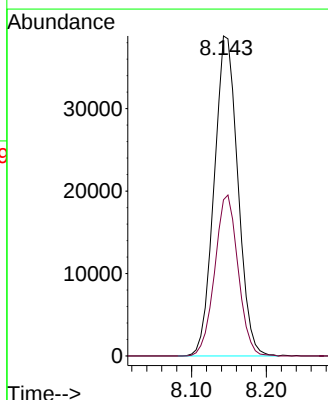
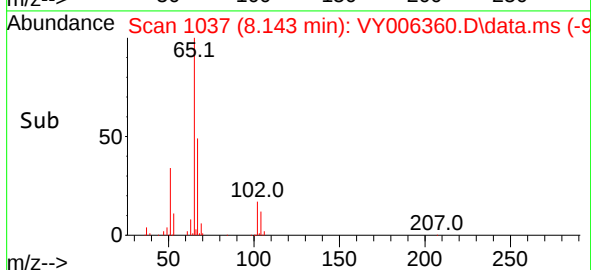
Tgt Ion: 56 Resp: 2838
Ion Ratio Lower Upper
56 100
69 142.6 26.7 40.1#
84 105.0 67.2 100.8#

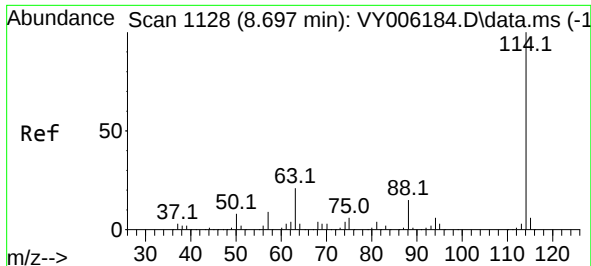


#33
1,2-Dichloroethane-d4
Concen: 65.097 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22



Tgt Ion: 65 Resp: 85741
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.4

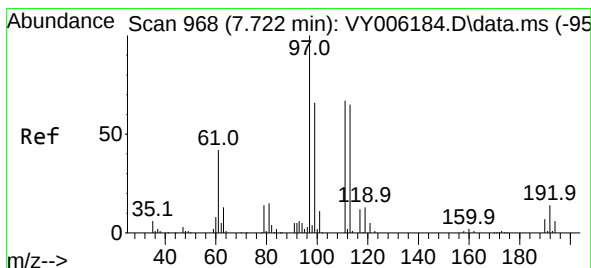
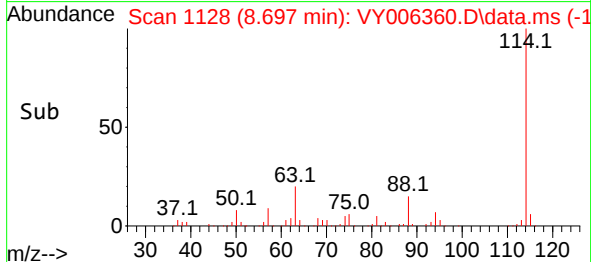
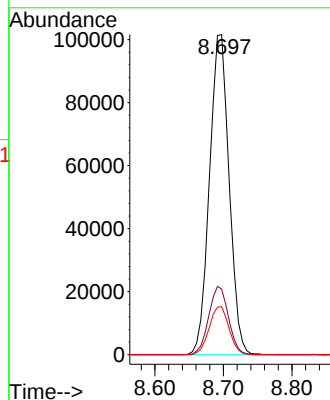
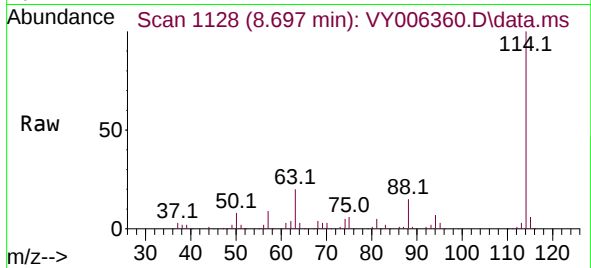




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

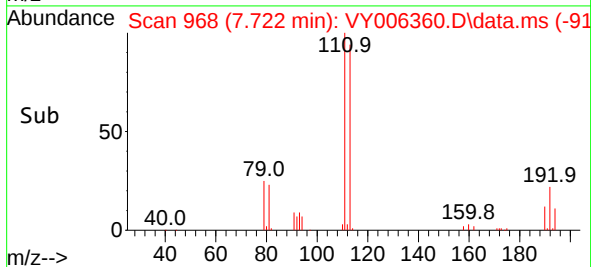
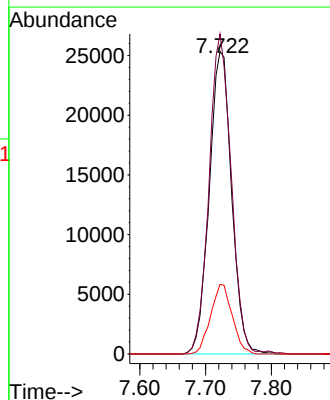
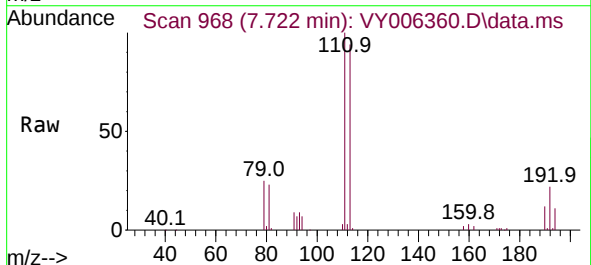
Instrument :
MSVOA_Y
ClientSampled :

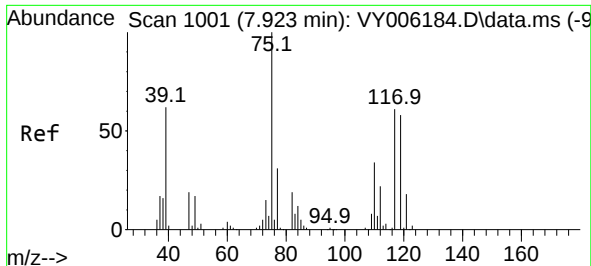
Tgt Ion:114 Resp: 201961
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 55.635 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion:113 Resp: 60030
Ion Ratio Lower Upper
113 100
111 104.8 82.6 124.0
192 22.2 17.6 26.4

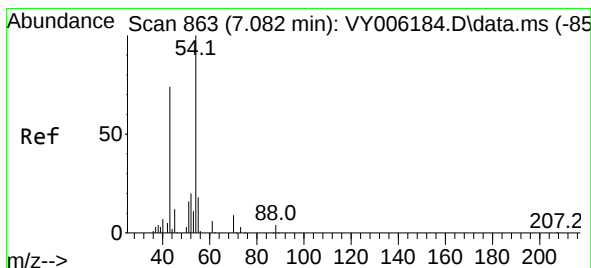
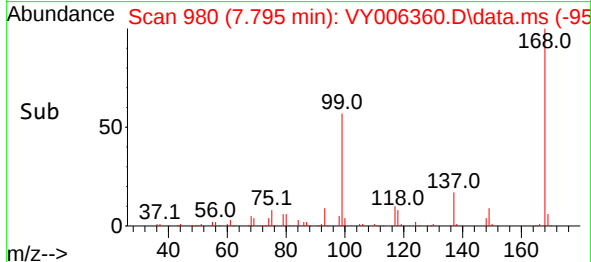
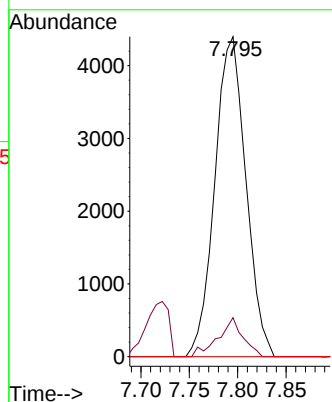
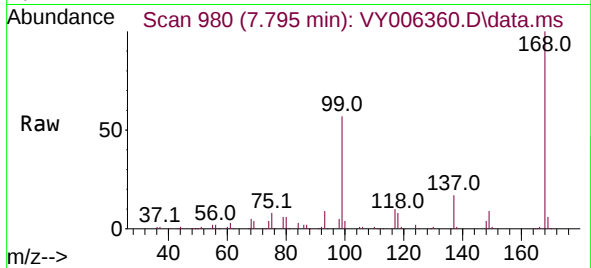




#36
1,1-Dichloropropene
Concen: 4.879 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

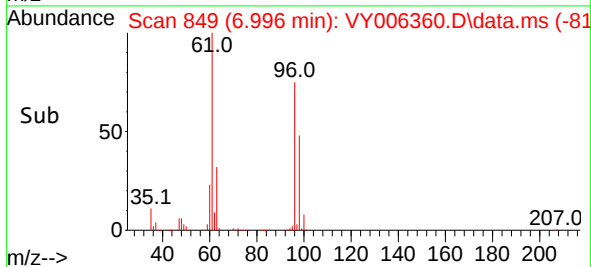
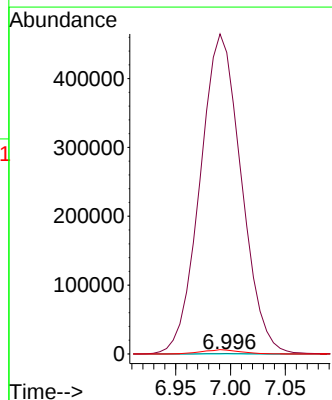
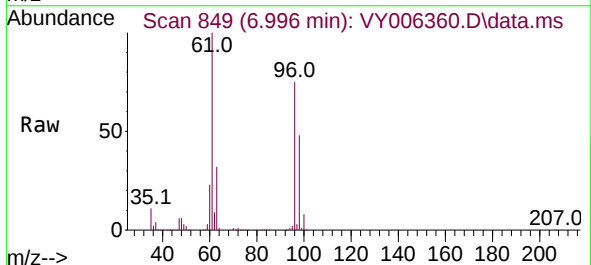
Instrument :
MSVOA_Y
ClientSampleId :

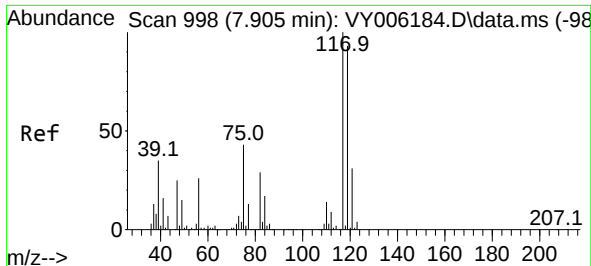
Tgt Ion: 75 Resp: 9804
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.214 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.085 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

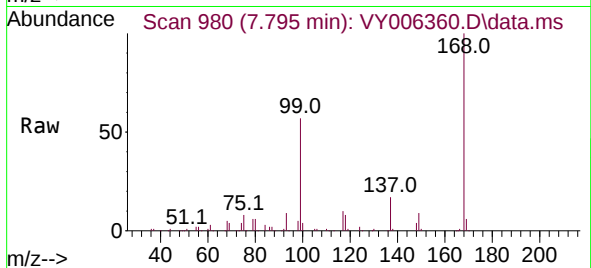
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
61 85715.6 9.7 14.5#
70 1067.6 7.1 10.7#



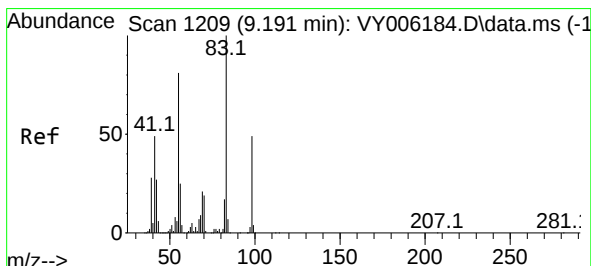
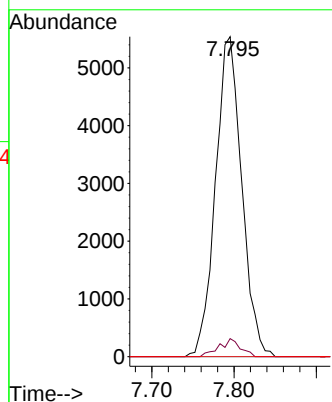
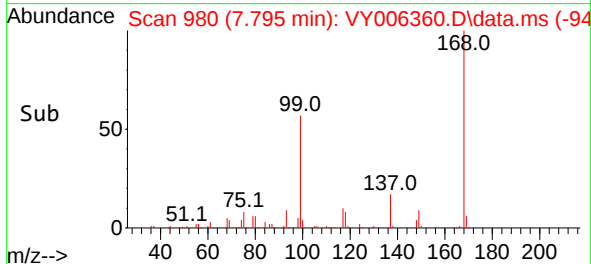


#38
Carbon Tetrachloride
Concen: 5.778 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

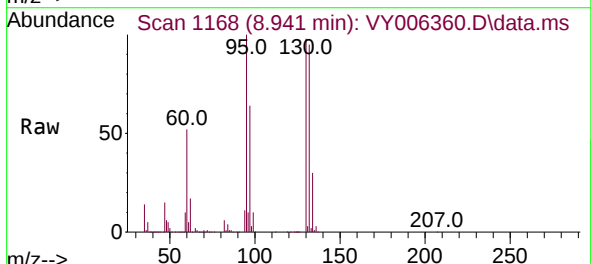
Instrument :
MSVOA_Y
ClientSampleId :



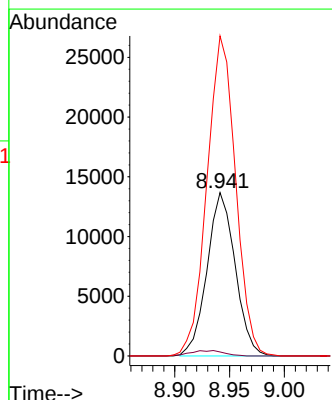
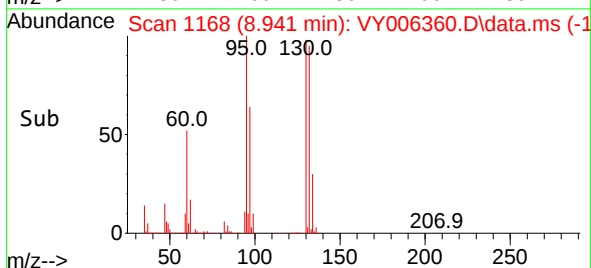
Tgt Ion:117 Resp: 12259
Ion Ratio Lower Upper
117 100
119 5.6 77.9 116.9#
121 0.0 24.8 37.2#

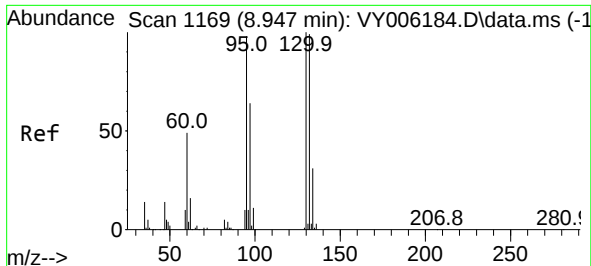


#39
Methylcyclohexane
Concen: 9.652 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.250 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22



Tgt Ion: 83 Resp: 24362
Ion Ratio Lower Upper
83 100
55 2.4 66.5 99.7#
98 195.8 37.9 56.9#

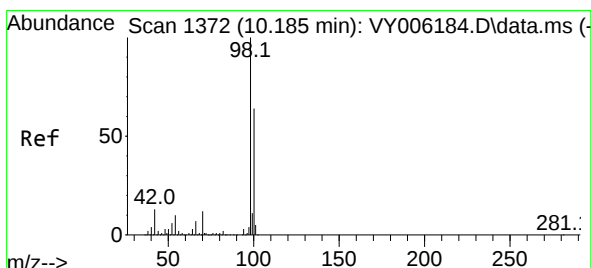
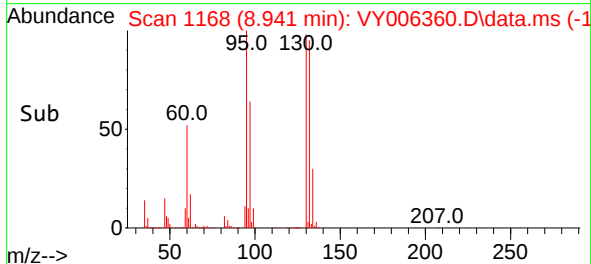
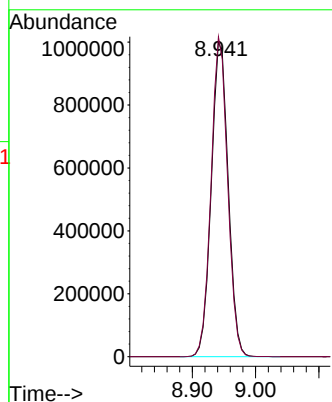
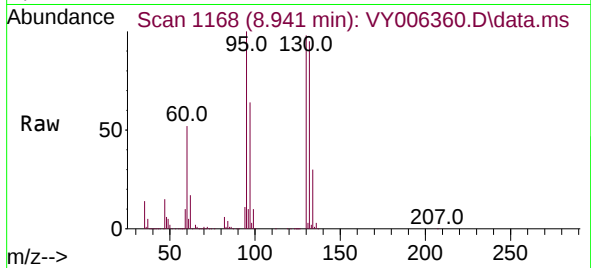




#44
Trichloroethene
Concen: 1263.670 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

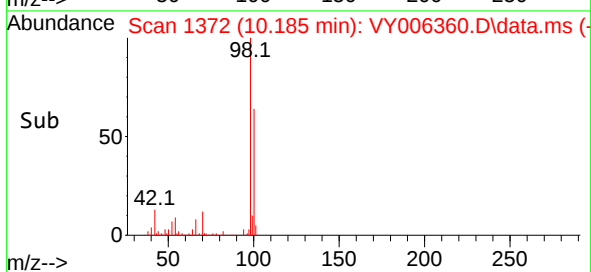
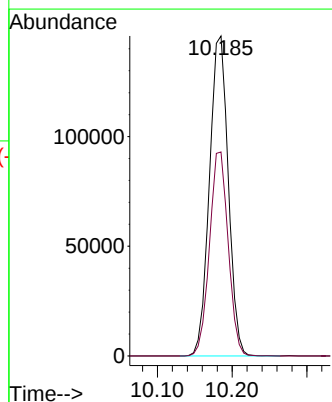
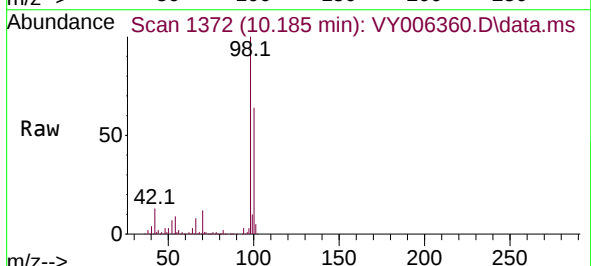
Instrument :
MSVOA_Y
ClientSampled :

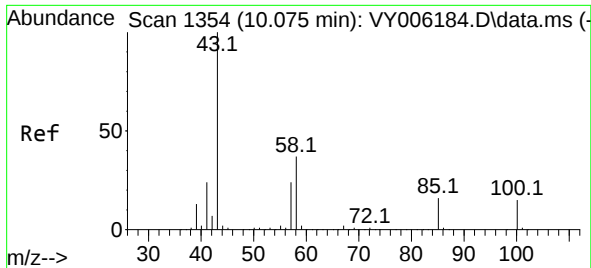
Tgt Ion:130 Resp: 1860589
Ion Ratio Lower Upper
130 100
95 101.6 0.0 188.2



#50
Toluene-d8
Concen: 56.402 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 98 Resp: 254699
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2

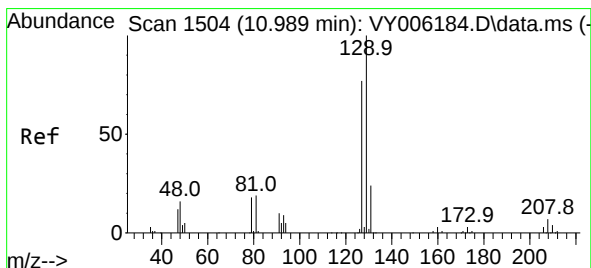
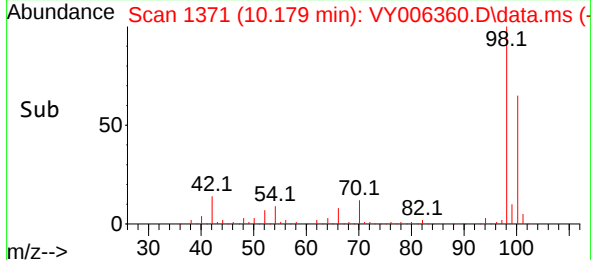
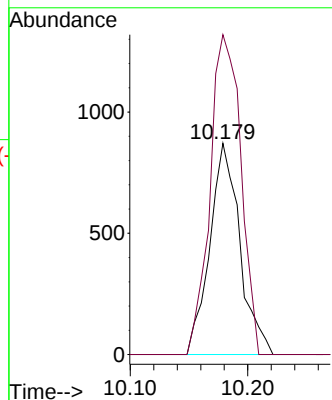
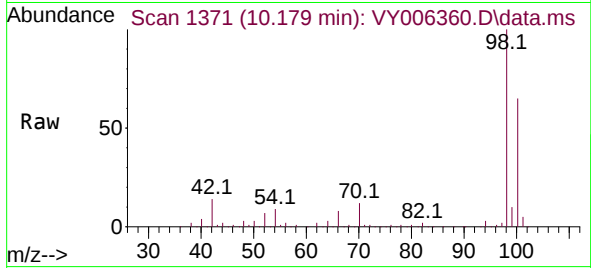




#51
4-Methyl-2-Pentanone
Concen: 1.328 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

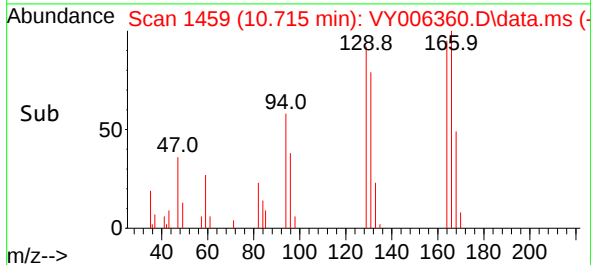
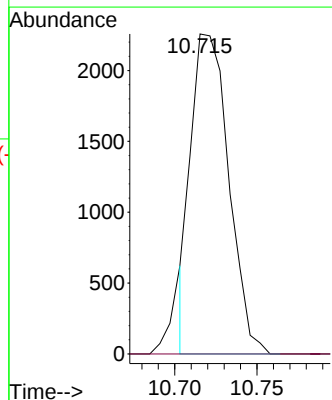
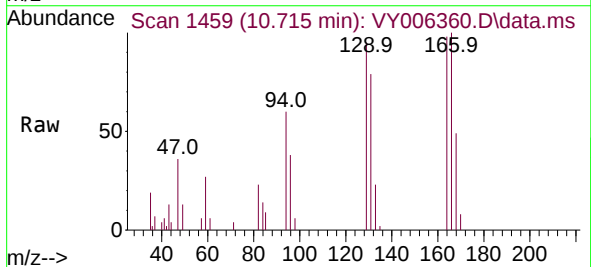
Instrument :
MSVOA_Y
ClientSampled :

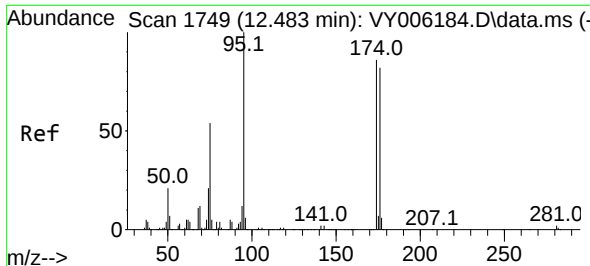
Tgt Ion: 43 Resp: 1548
Ion Ratio Lower Upper
43 100
58 155.2 28.1 42.1#



#60
Dibromochloromethane
Concen: 2.816 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.274 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 129 Resp: 3598
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

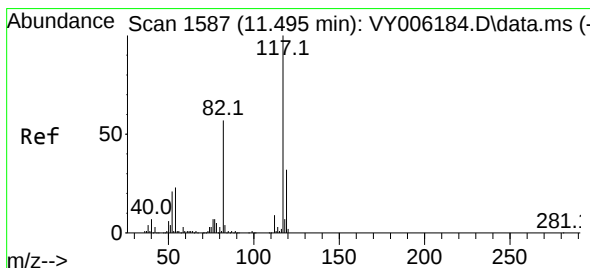
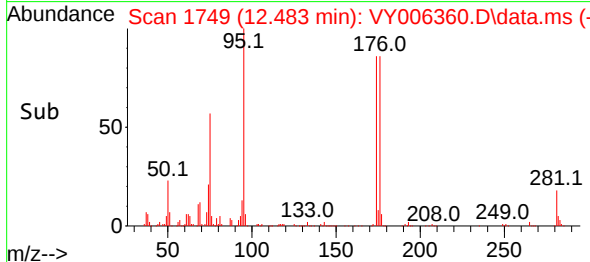
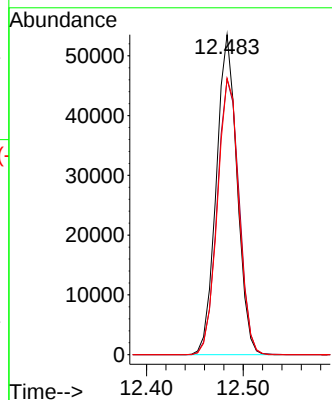
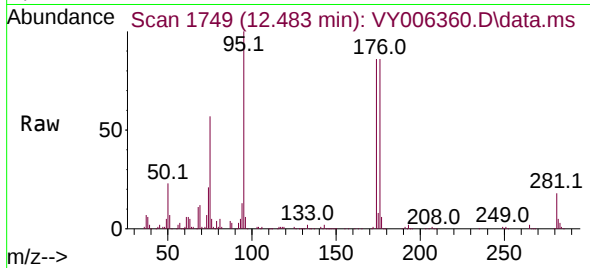




#62
4-Bromofluorobenzene
Concen: 52.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

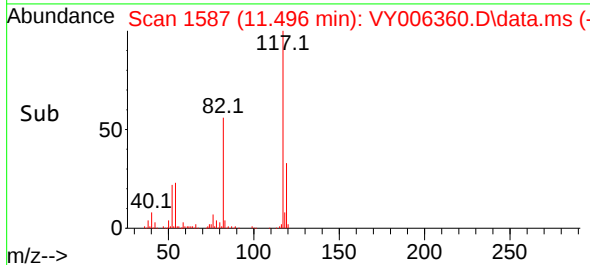
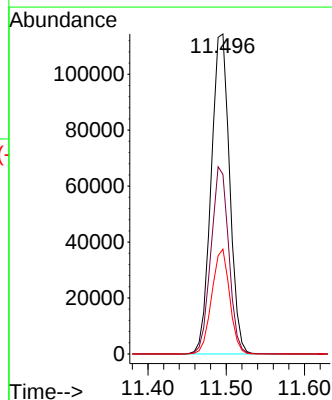
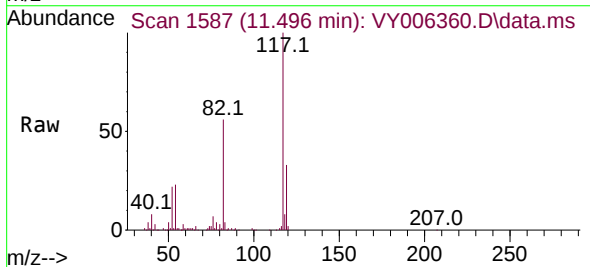
Instrument :
MSVOA_Y
ClientSampleId :

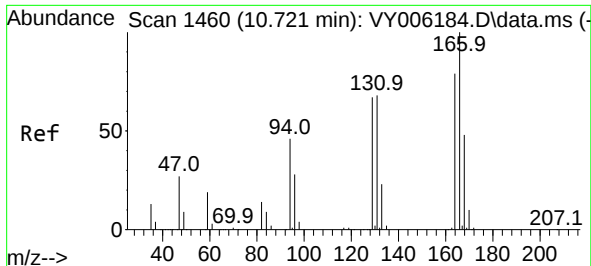
Tgt Ion: 95 Resp: 79782
Ion Ratio Lower Upper
95 100
174 90.8 0.0 177.0
176 89.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 117 Resp: 187234
Ion Ratio Lower Upper
117 100
82 56.2 43.0 64.4
119 32.7 25.4 38.0

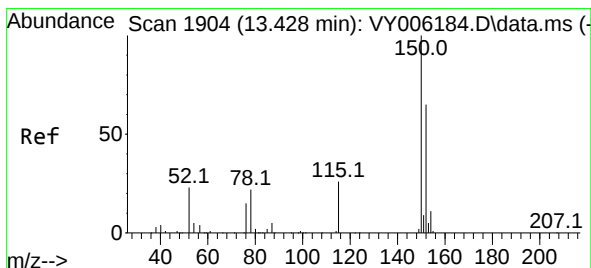
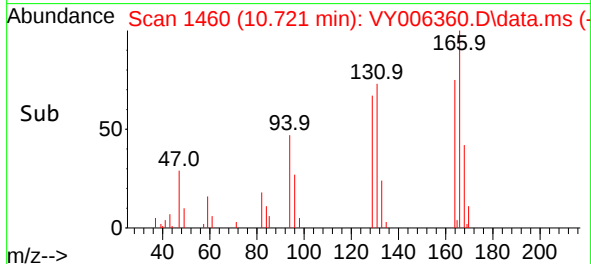
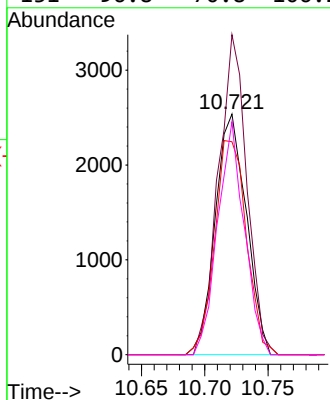
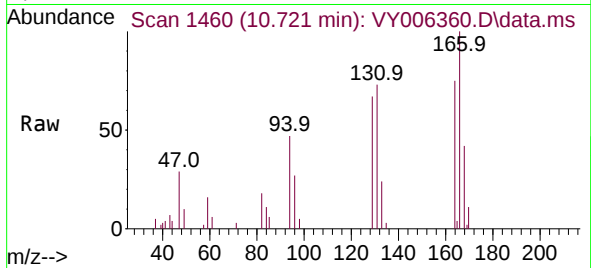




#64
Tetrachloroethene
Concen: 2.879 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

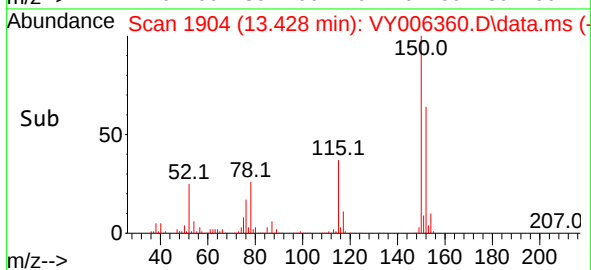
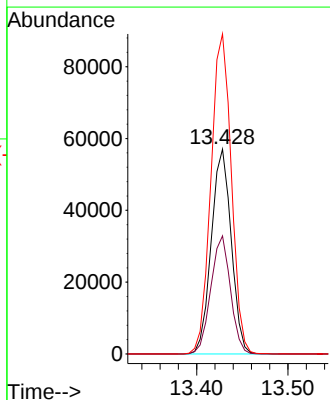
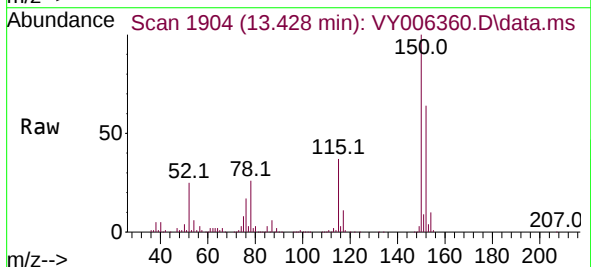
Instrument :
MSVOA_Y
ClientSampleId :

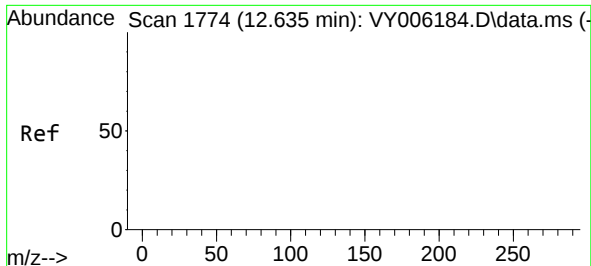
Tgt Ion:164	Resp:	4341
Ion	Ratio	Lower Upper
164	100	
166	132.9	100.4 150.6
129	88.5	71.4 107.0
131	96.8	70.8 106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion:152	Resp:	86351
Ion	Ratio	Lower Upper
152	100	
115	56.7	28.2 84.7
150	159.6	0.0 347.6

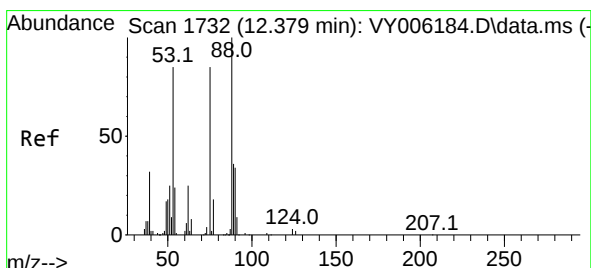
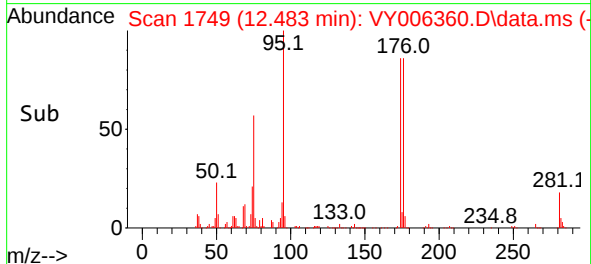
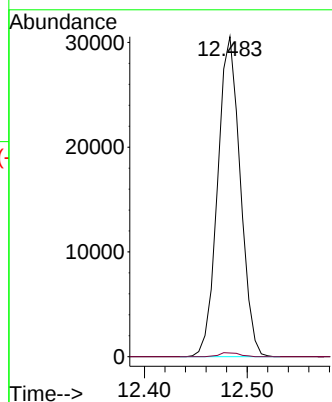
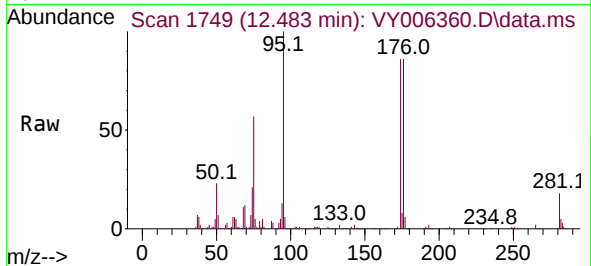




#76
1,2,3-Trichloropropane
Concen: 55.588 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 46654
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.238 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006360.D
Acq: 08 Oct 2021 17:22

Tgt Ion: 75 Resp: 46654
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

