

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006342.D
 Acq On : 07 Oct 2021 19:22
 Operator : SY/MD
 Sample : M4117-14
 Misc : 5.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(9.5-10.0)

Quant Time: Oct 08 07:14:52 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)

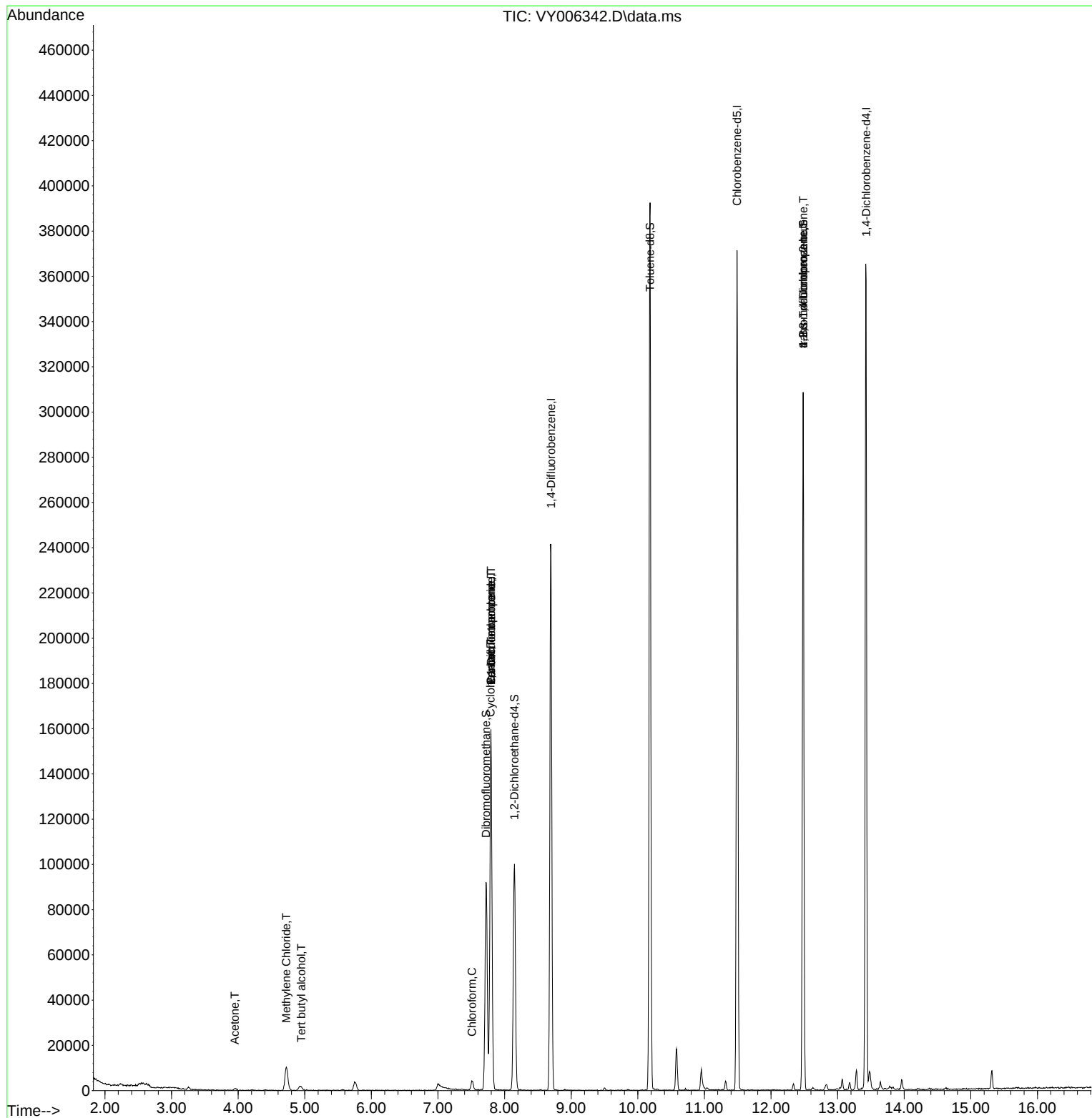
Internal Standards						
1) Pentafluorobenzene	7.795	168	121766	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	200923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	193387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93697	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83783	64.288	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.580%	
35) Dibromofluoromethane	7.722	113	61692	57.471	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.940%	
50) Toluene-d8	10.185	98	254222	56.587	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.180%	
62) 4-Bromofluorobenzene	12.483	95	81154	53.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 106.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	2128	18.666	ug/l #	77
16) Acetone	3.948	43	1532	4.209	ug/l	98
20) Methylene Chloride	4.722	84	7332	2.269	ug/l	95
30) Chloroform	7.508	83	3975	1.711	ug/l	91
31) Cyclohexane	7.789	56	2731	1.106	ug/l #	14
36) 1,1-Dichloropropene	7.795	75	8988	4.496	ug/l #	51
38) Carbon Tetrachloride	7.795	117	11707	5.546	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	46067	50.585	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46067	99.407	ug/l #	7

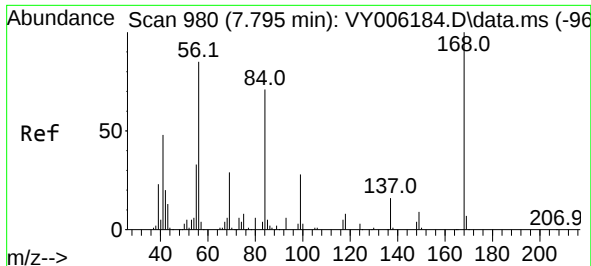
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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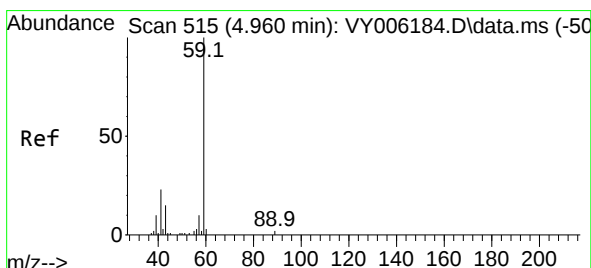
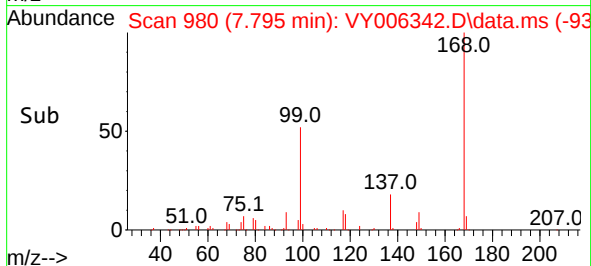
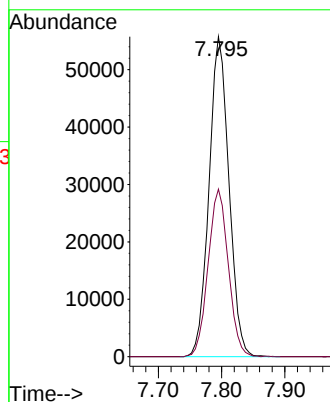
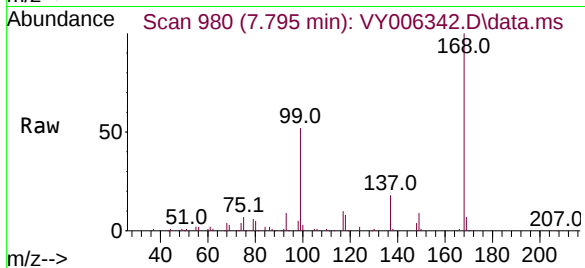




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

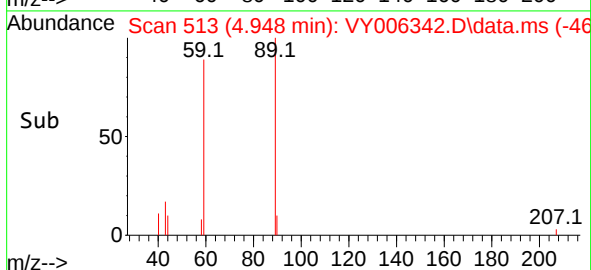
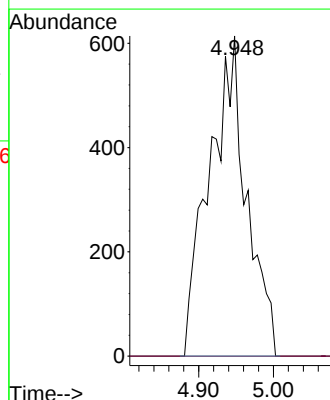
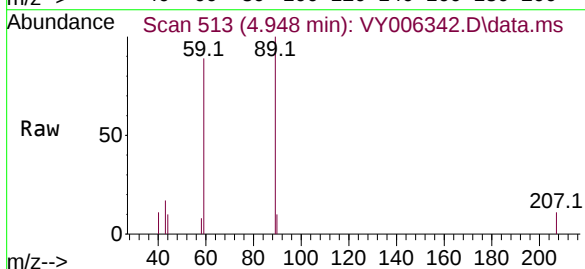
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(9.5-10.0)

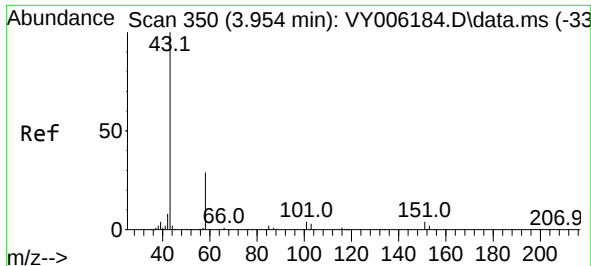
Tgt Ion:168 Resp: 121766
Ion Ratio Lower Upper
168 100
99 52.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 18.666 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

Tgt Ion: 59 Resp: 2128
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

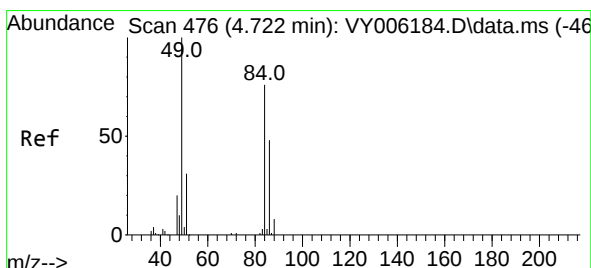
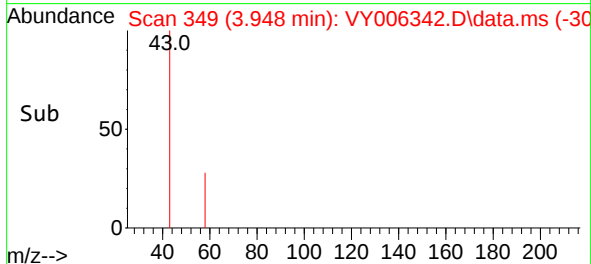
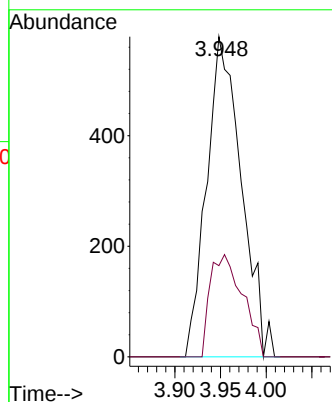
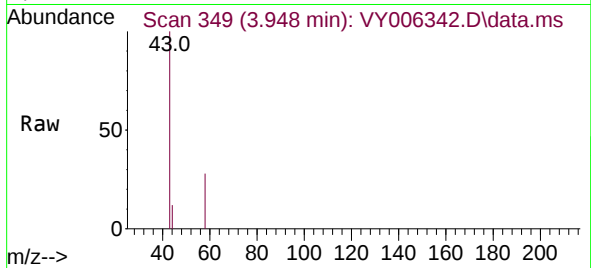




#16
Acetone
Concen: 4.209 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

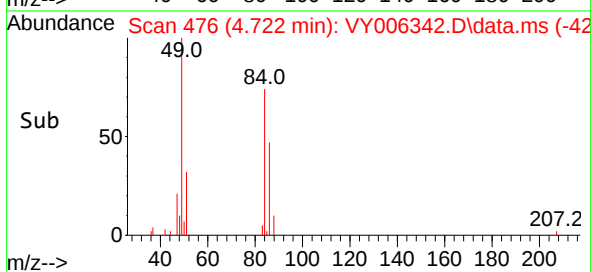
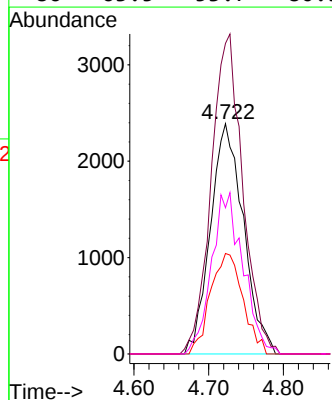
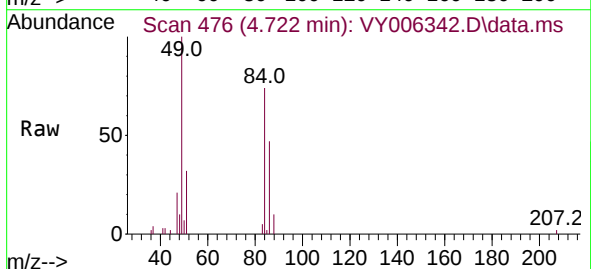
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(9.5-10.0)

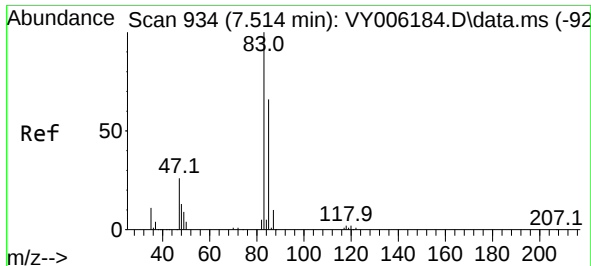
Tgt Ion: 43 Resp: 1532
Ion Ratio Lower Upper
43 100
58 28.5 22.0 33.0



#20
Methylene Chloride
Concen: 2.269 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

Tgt Ion: 84 Resp: 7332
Ion Ratio Lower Upper
84 100
49 134.9 114.4 171.6
51 43.6 35.3 52.9
86 63.5 53.7 80.5

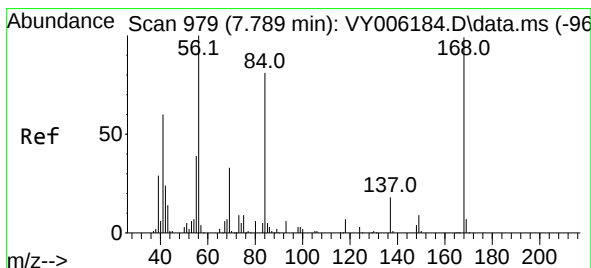
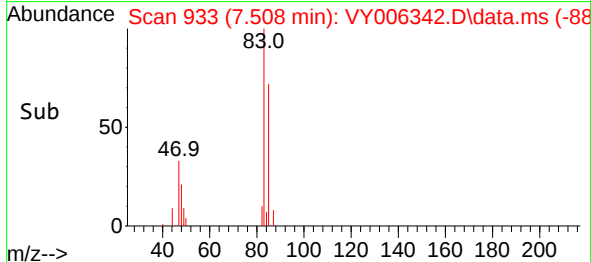
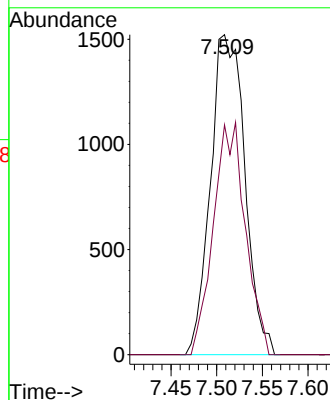
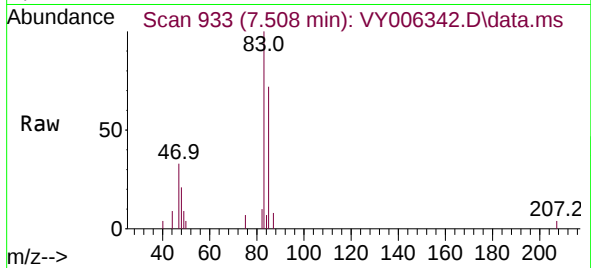




#30
Chloroform
Concen: 1.711 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.006 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

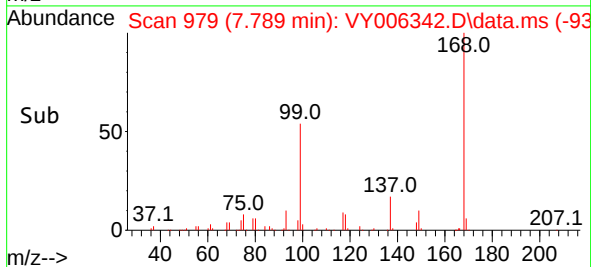
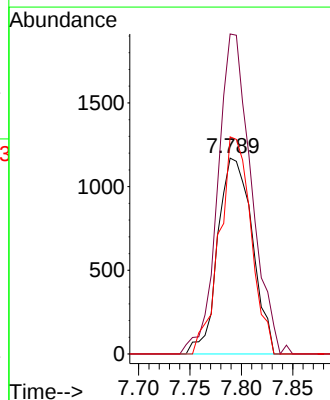
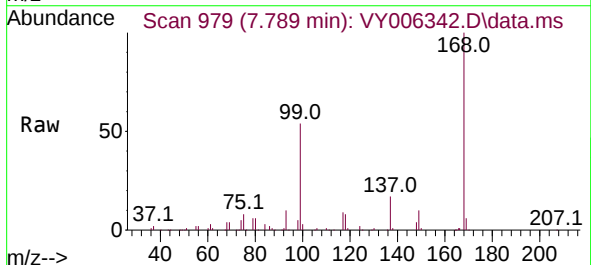
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(9.5-10.0)

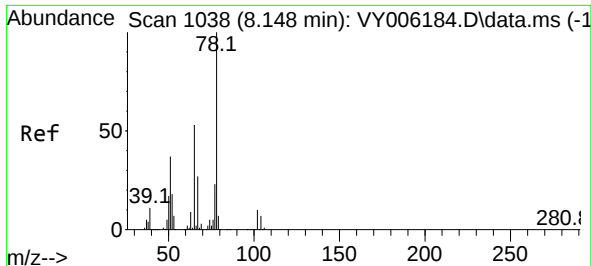
Tgt Ion: 83 Resp: 3975
Ion Ratio Lower Upper
83 100
85 71.8 51.8 77.6



#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

Tgt Ion: 56 Resp: 2731
Ion Ratio Lower Upper
56 100
69 163.4 26.7 40.1#
84 110.9 67.2 100.8#

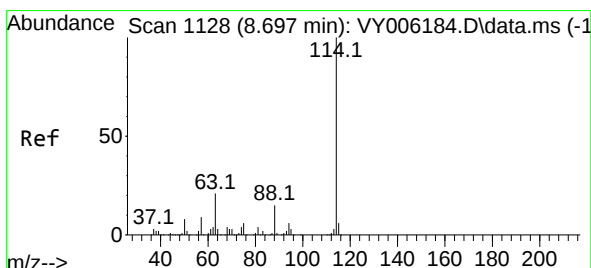
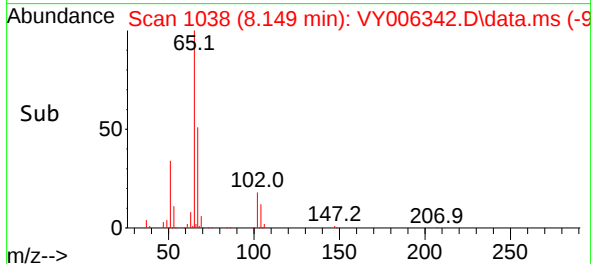
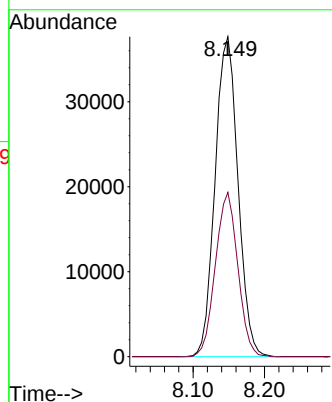
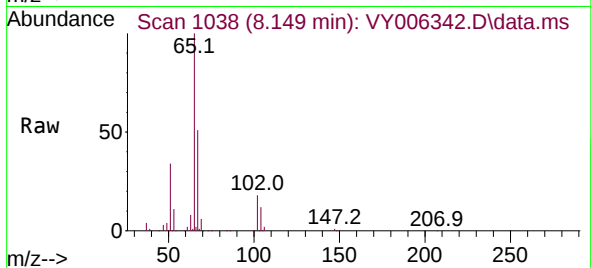




#33
1,2-Dichloroethane-d4
Concen: 64.288 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

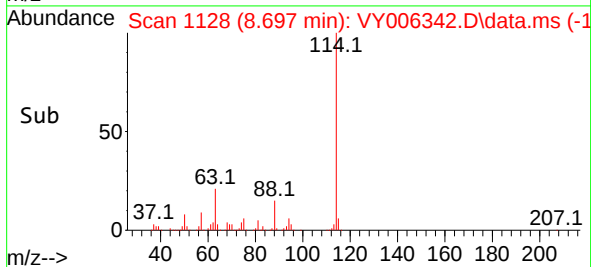
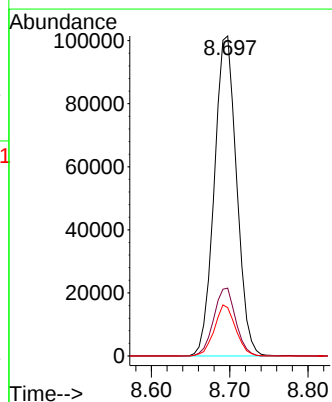
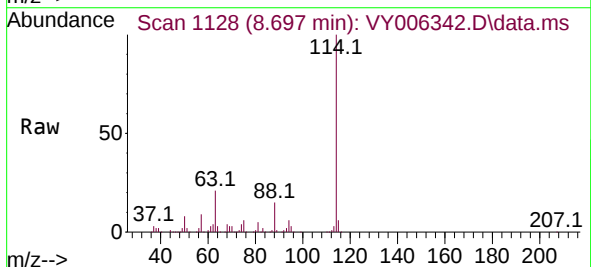
Instrument :
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SB-4(9.5-10.0)

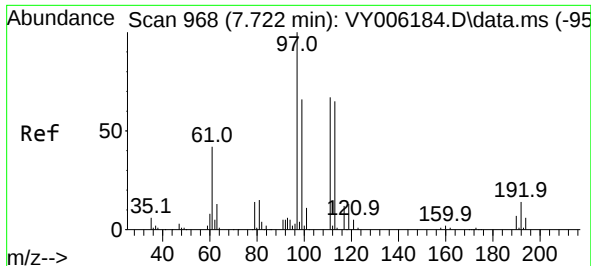
Tgt Ion: 65 Resp: 83783
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

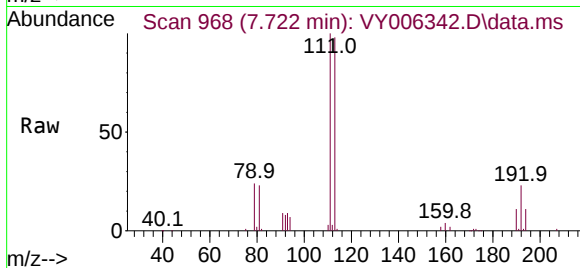
Tgt Ion: 114 Resp: 200923
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.2
88 15.1 0.0 31.8



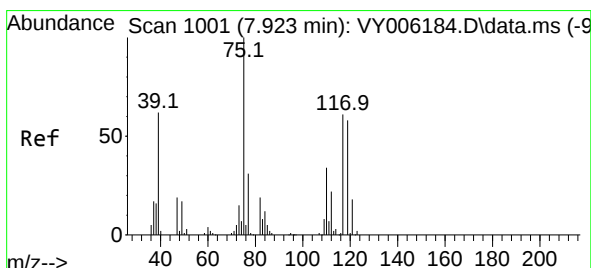
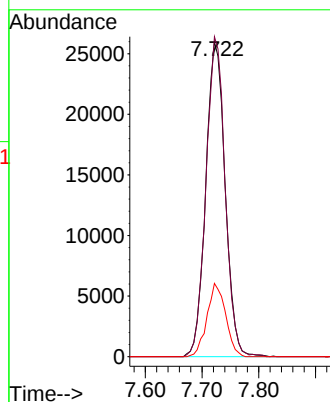
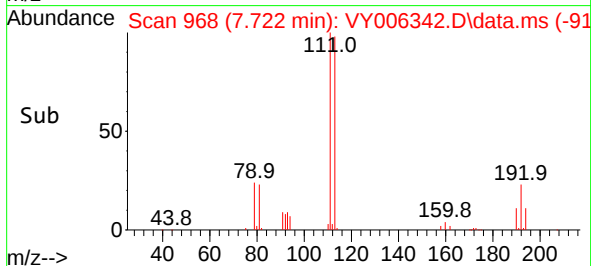


#35
Dibromofluoromethane
Concen: 57.471 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

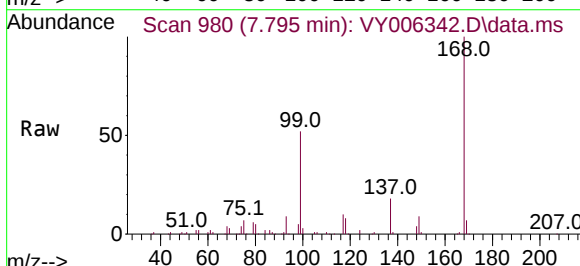
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(9.5-10.0)



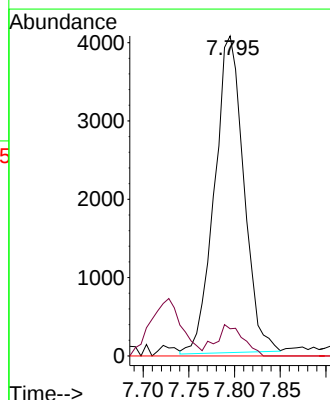
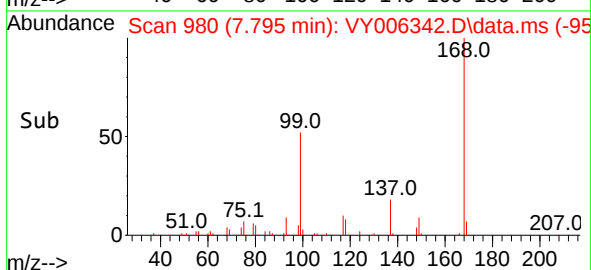
Tgt Ion:113 Resp: 61692
Ion Ratio Lower Upper
113 100
111 100.1 82.6 124.0
192 22.4 17.6 26.4

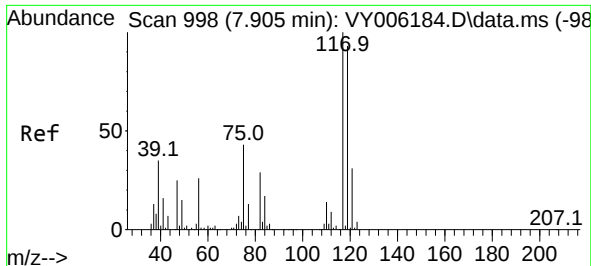


#36
1,1-Dichloropropene
Concen: 4.496 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22



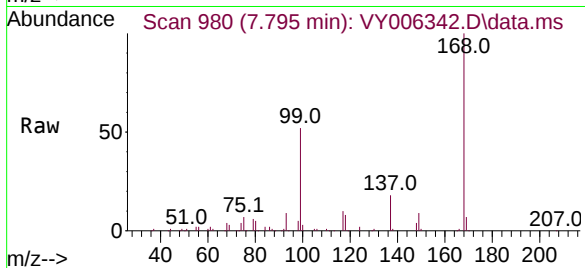
Tgt Ion: 75 Resp: 8988
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#



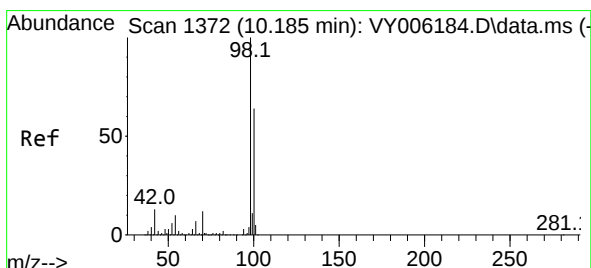
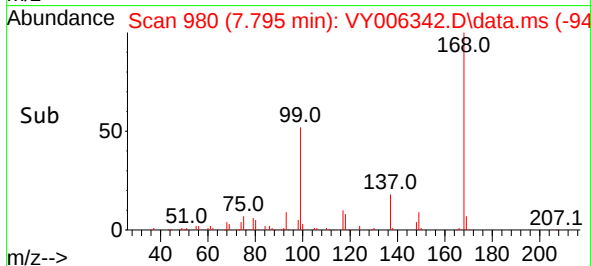
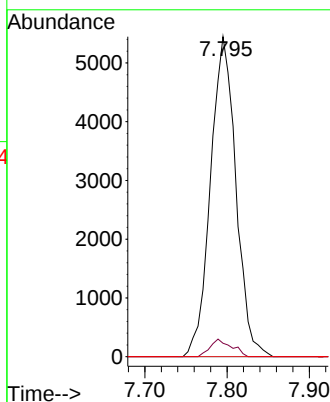


#38
Carbon Tetrachloride
Concen: 5.546 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

Instrument :
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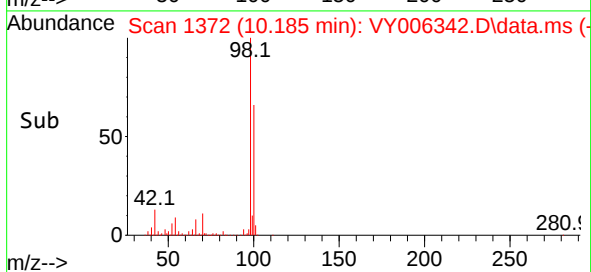
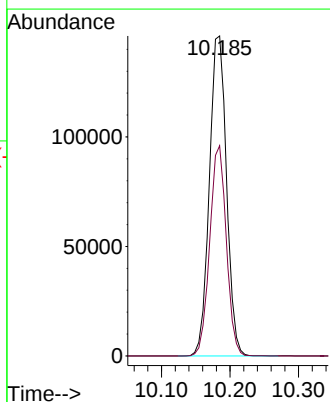
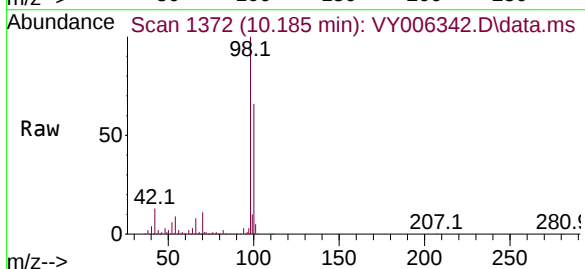


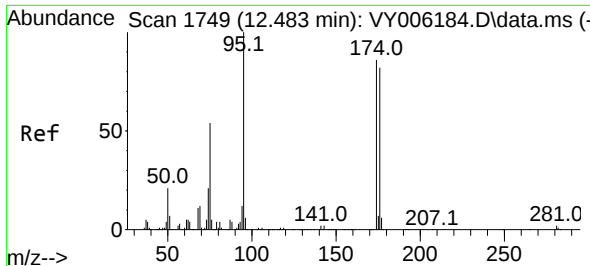
Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.2	77.9	116.9#
121	0.0	24.8	37.2#



#50
Toluene-d8
Concen: 56.587 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.2	75.2

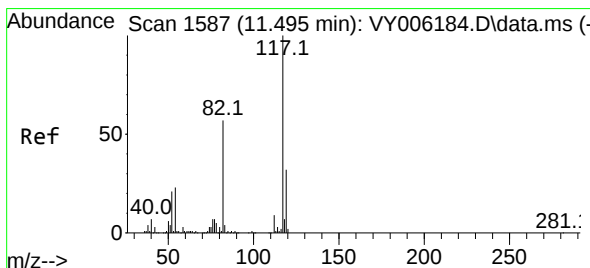
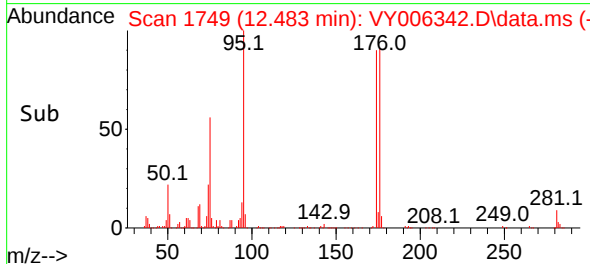
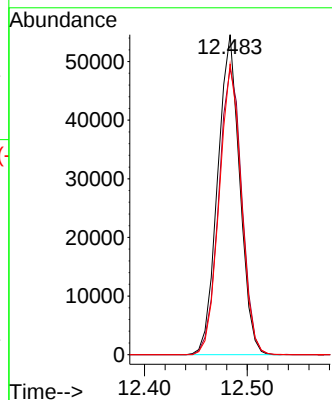
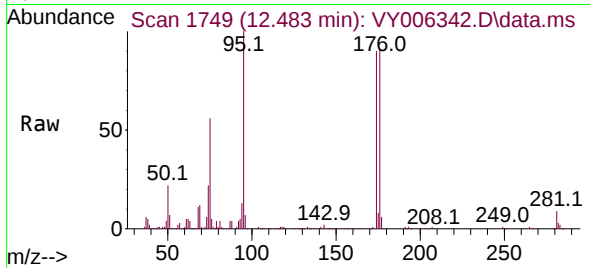




#62
4-Bromofluorobenzene
Concen: 53.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

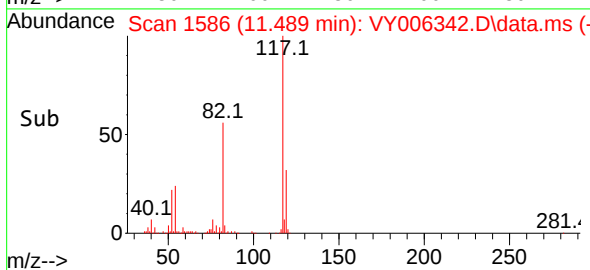
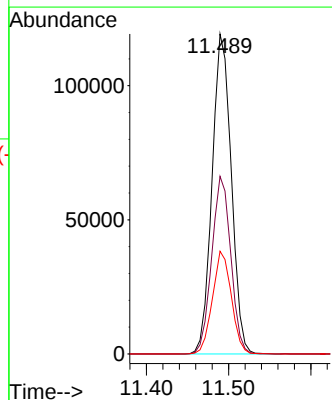
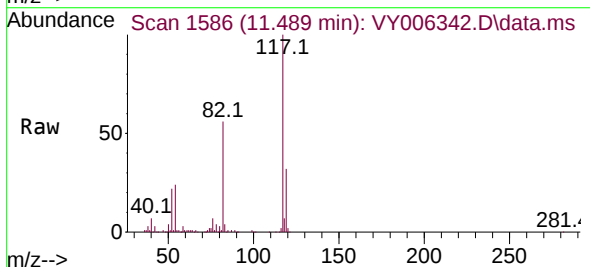
Instrument :
MSVOA_Y
ClientSampleId :
SB-4(9.5-10.0)

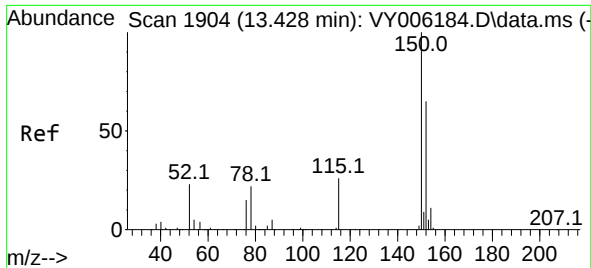
Tgt Ion: 95 Resp: 81154
Ion Ratio Lower Upper
95 100
174 94.0 0.0 177.0
176 90.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006342.D
Acq: 07 Oct 2021 19:22

Tgt Ion: 117 Resp: 193387
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 32.1 25.4 38.0

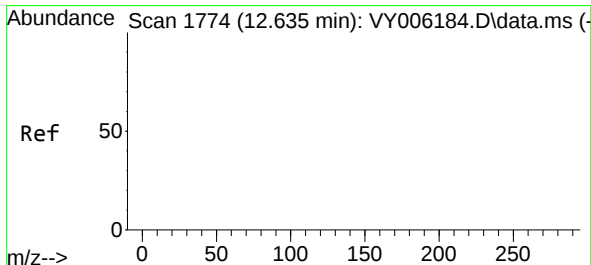
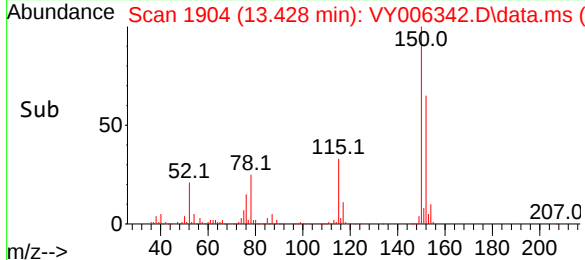
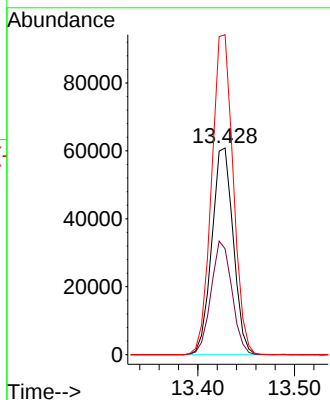
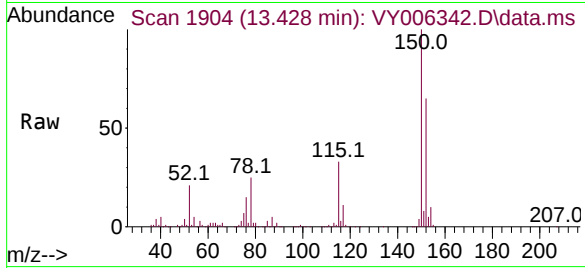




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006342.D
 Acq: 07 Oct 2021 19:22

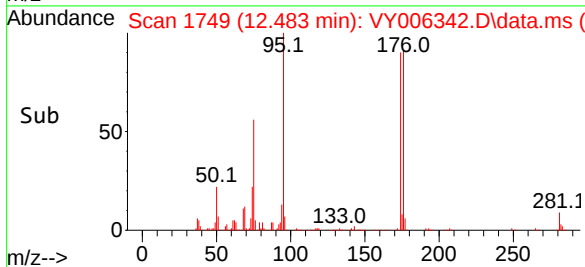
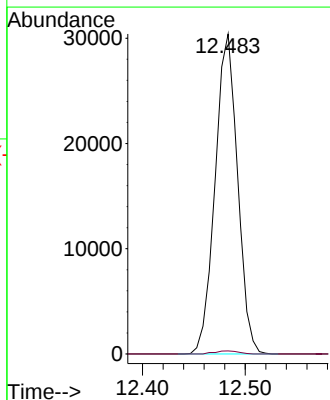
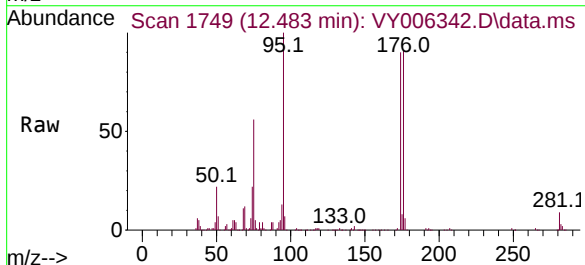
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(9.5-10.0)

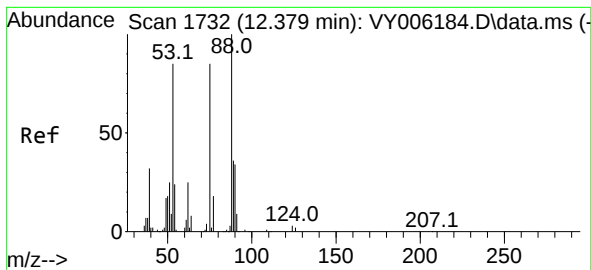
Tgt Ion:152 Resp: 93697
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 156.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.585 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006342.D
 Acq: 07 Oct 2021 19:22

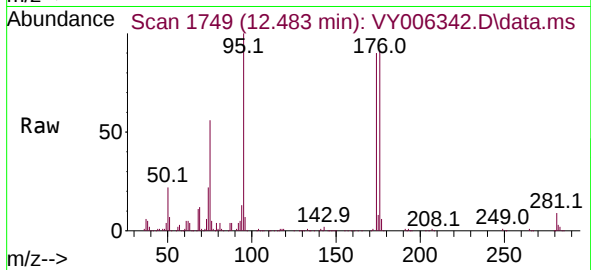
Tgt Ion: 75 Resp: 46067
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.407 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006342.D
 Acq: 07 Oct 2021 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4(9.5-10.0)



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

