

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006345.D
 Acq On : 07 Oct 2021 20:31
 Operator : SY/MD
 Sample : M4117-18
 Misc : 4.36G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(6.5-7.0)

Quant Time: Oct 08 07:15:38 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)

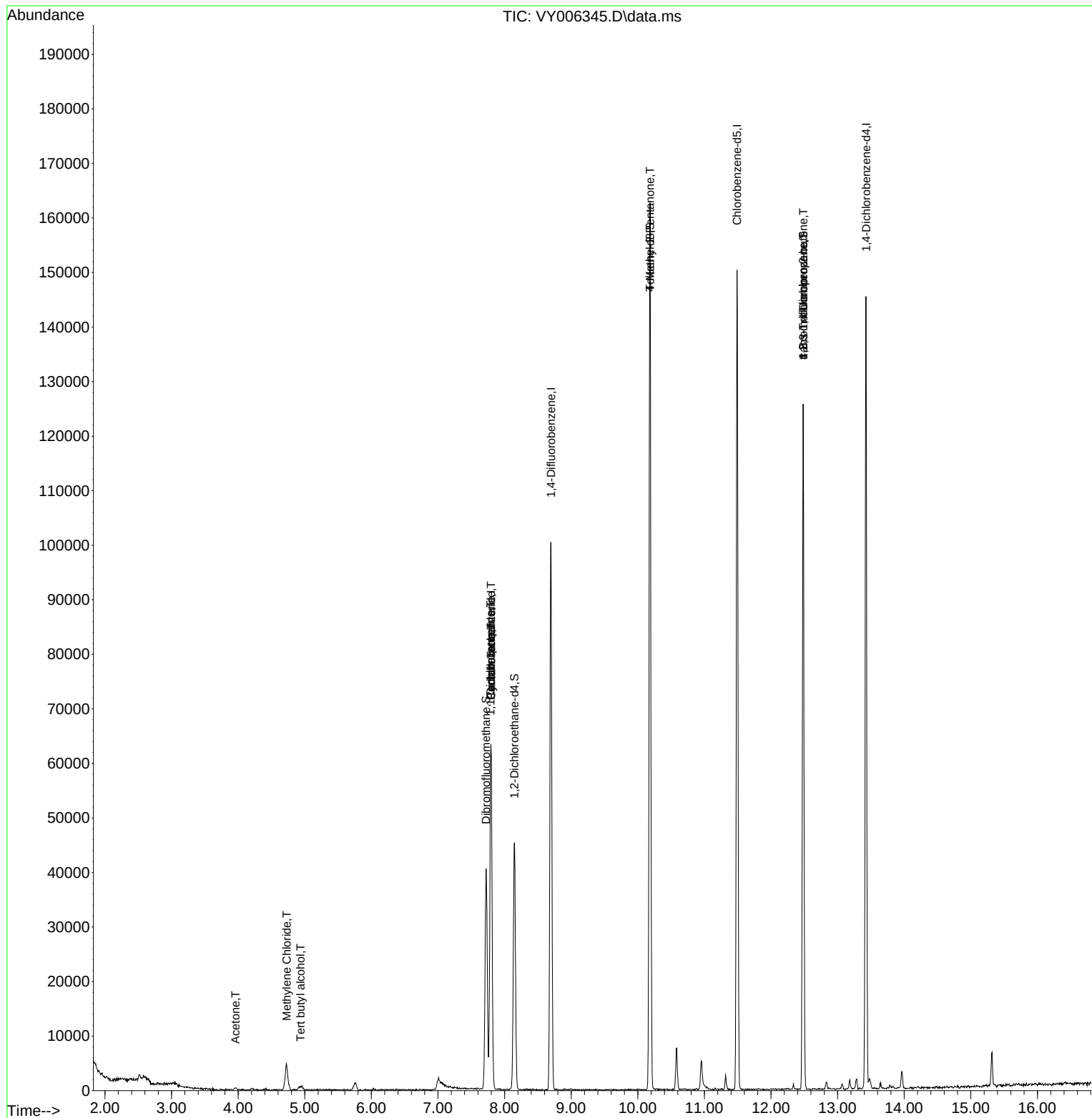
Internal Standards						
1) Pentafluorobenzene	7.795	168	50557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	83069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	80995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	37985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	37870	69.986	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.980%	
35) Dibromofluoromethane	7.722	113	26863	60.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.060%	
50) Toluene-d8	10.185	98	107657	57.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.920%	
62) 4-Bromofluorobenzene	12.483	95	32851	52.063	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	1010	21.338	ug/l #	77
16) Acetone	3.960	43	853	5.644	ug/l	99
20) Methylene Chloride	4.729	84	3176	2.543	ug/l	94
31) Cyclohexane	7.795	56	1154	1.126	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	4321	5.228	ug/l #	51
38) Carbon Tetrachloride	7.795	117	4933	5.652	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	522	1.089	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	18801	50.924	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18801	100.074	ug/l #	7

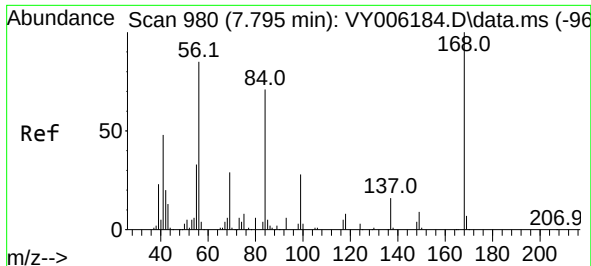
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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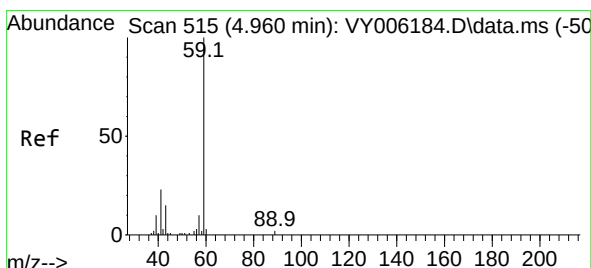
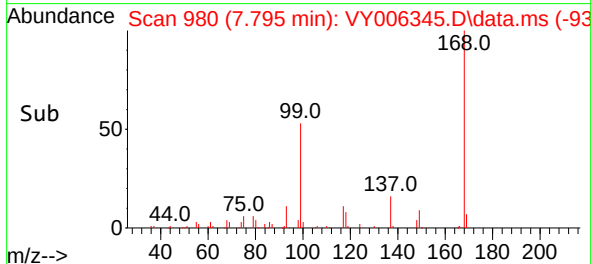
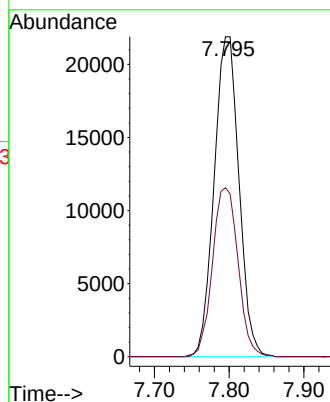
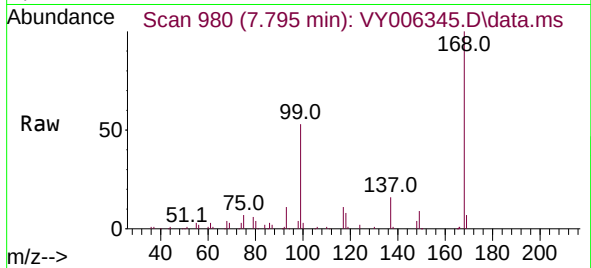




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

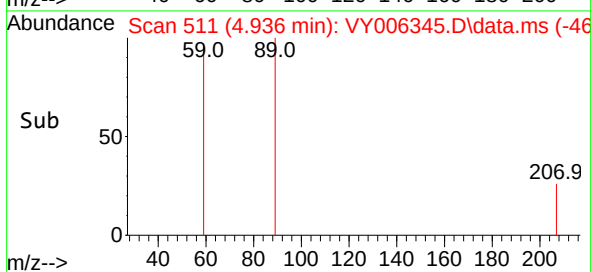
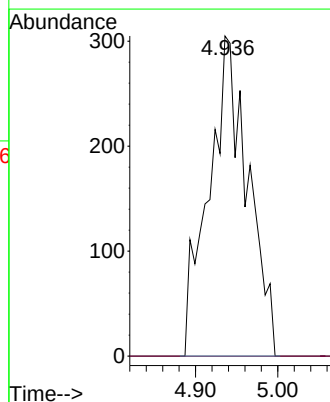
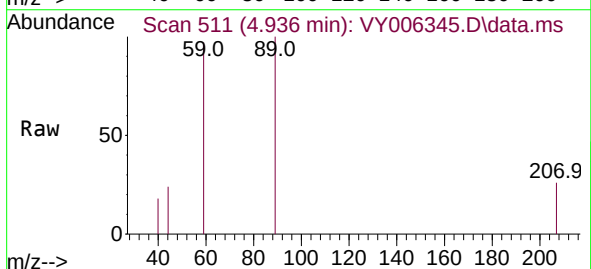
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)

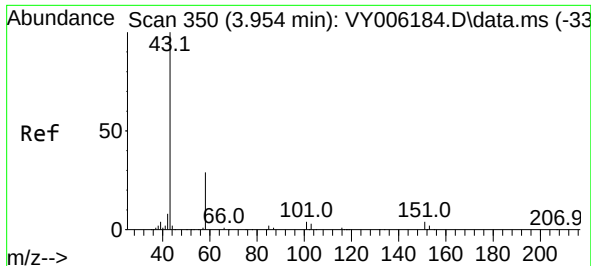
Tgt Ion:168 Resp: 50557
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: 21.338 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.024 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 59 Resp: 1010
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

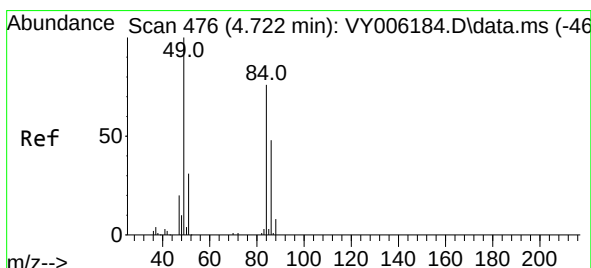
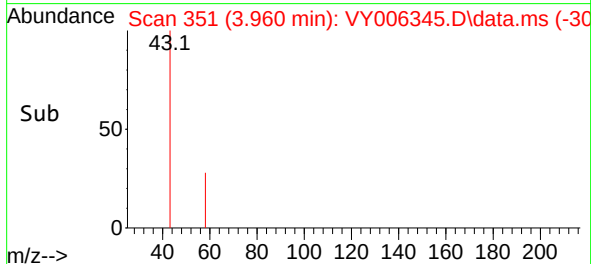
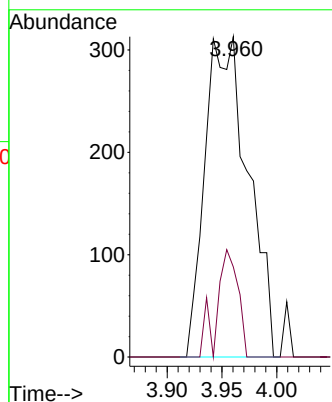
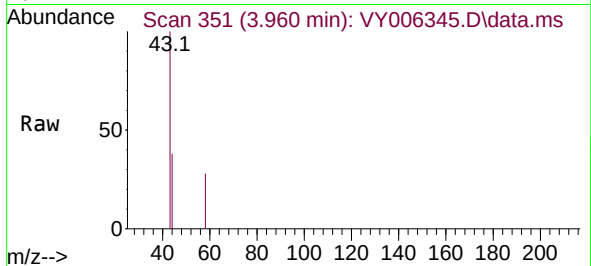




#16
Acetone
Concen: 5.644 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

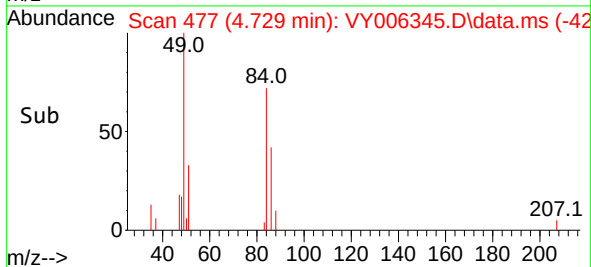
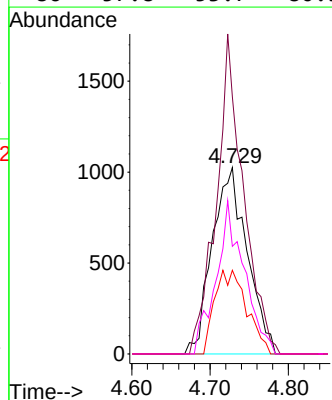
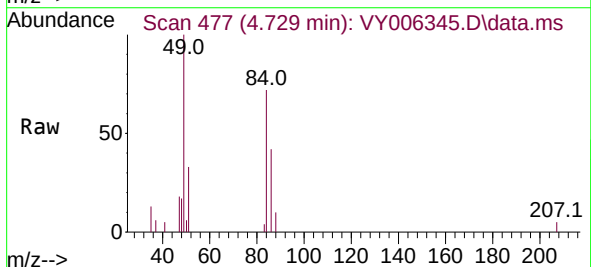
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)

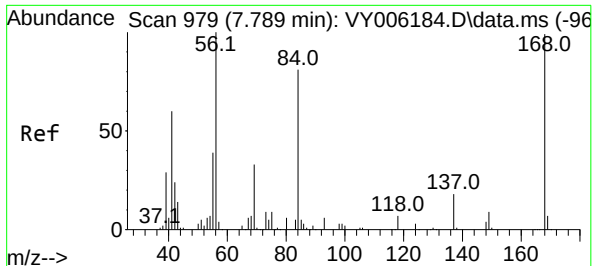
Tgt Ion: 43 Resp: 853
Ion Ratio Lower Upper
43 100
58 28.1 22.0 33.0



#20
Methylene Chloride
Concen: 2.543 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 84 Resp: 3176
Ion Ratio Lower Upper
84 100
49 138.0 114.4 171.6
51 44.9 35.3 52.9
86 57.8 53.7 80.5

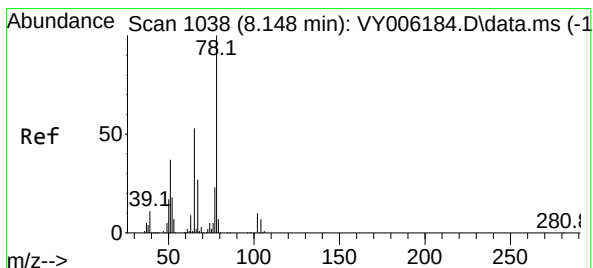
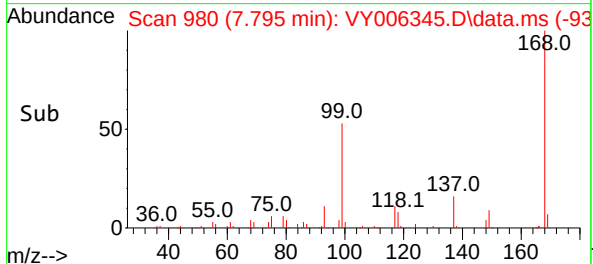
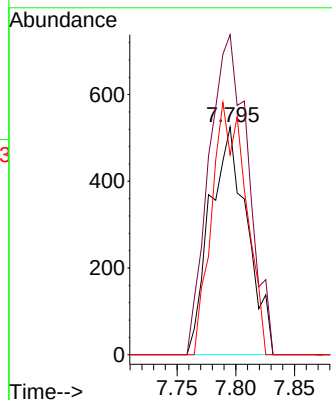
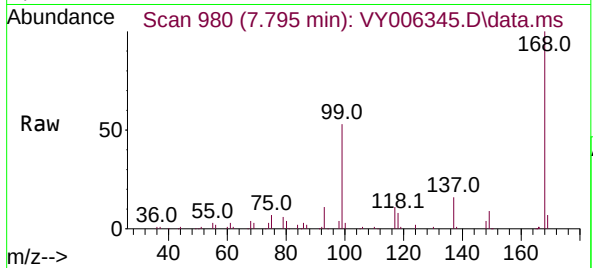




#31
Cyclohexane
Concen: 1.126 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

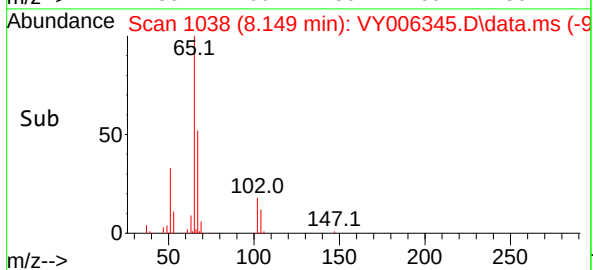
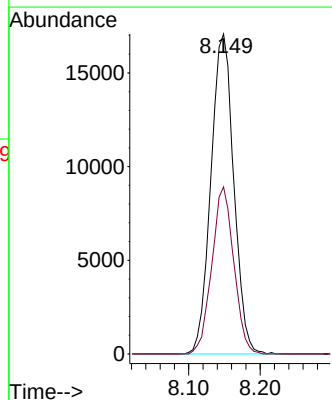
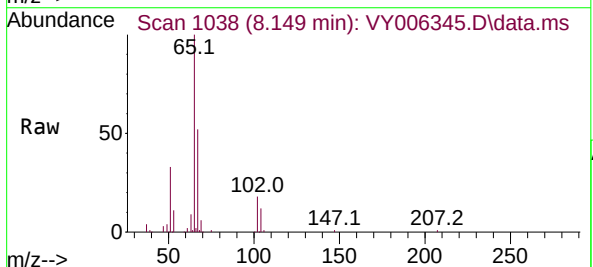
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)

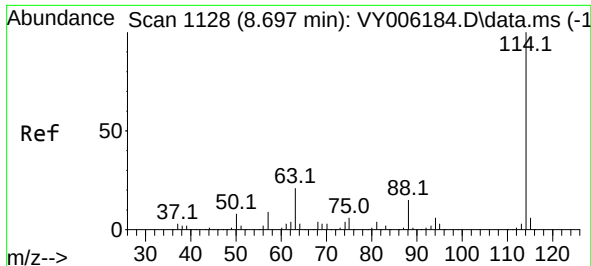
Tgt Ion: 56 Resp: 1154
Ion Ratio Lower Upper
56 100
69 140.6 26.7 40.1#
84 87.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 69.986 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 65 Resp: 37870
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4

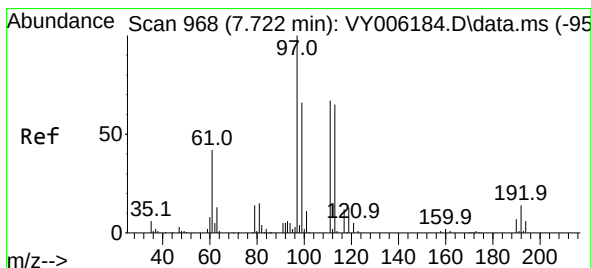
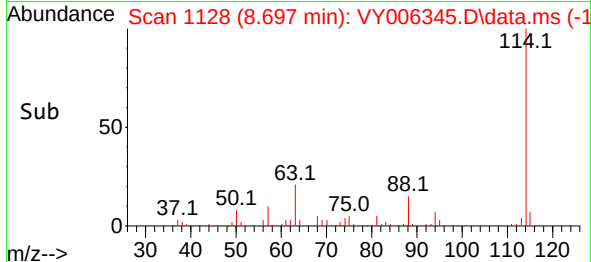
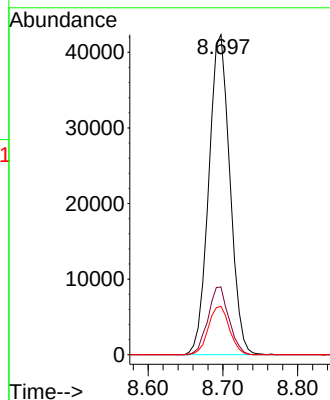
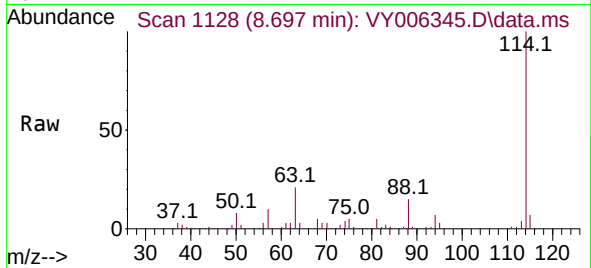




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

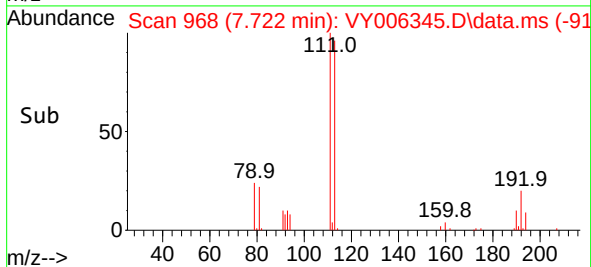
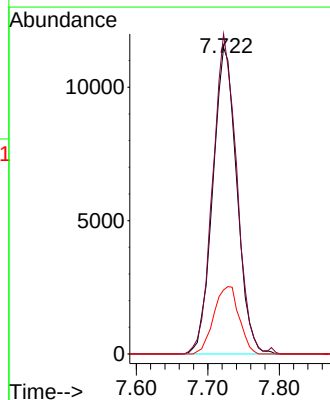
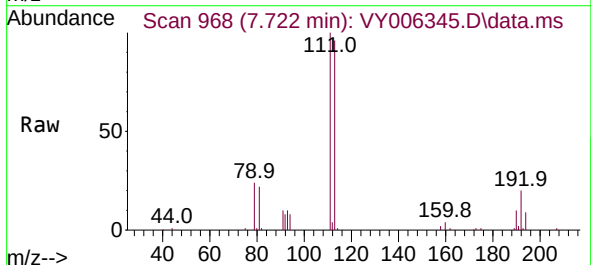
Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)

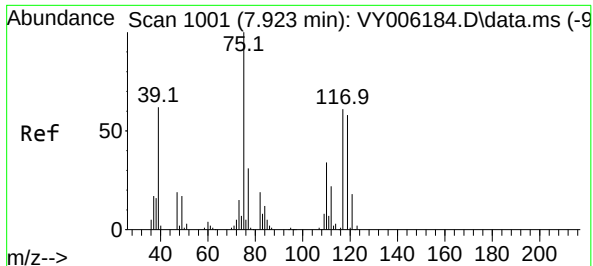
Tgt Ion:	114	Resp:	83069
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.2
88	15.1	0.0	31.8



#35
Dibromofluoromethane
Concen: 60.529 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion:	113	Resp:	26863
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	124.0
192	23.0	17.6	26.4



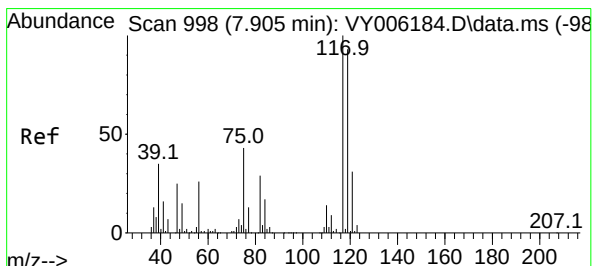
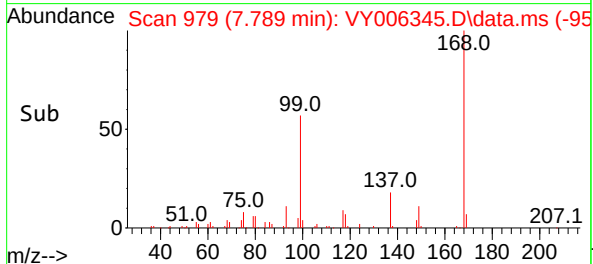
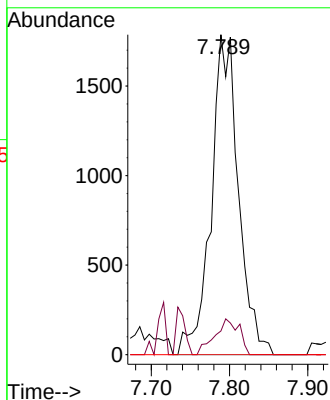
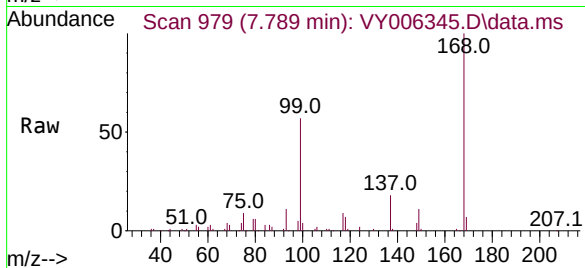


#36

1,1-Dichloropropene
Concen: 5.228 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-5(6.5-7.0)

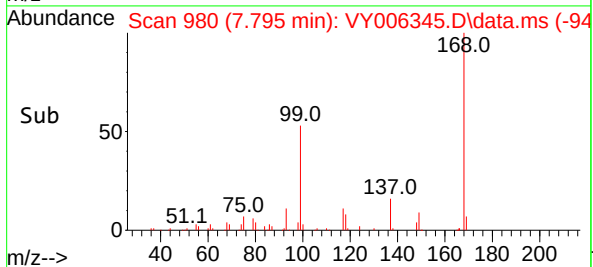
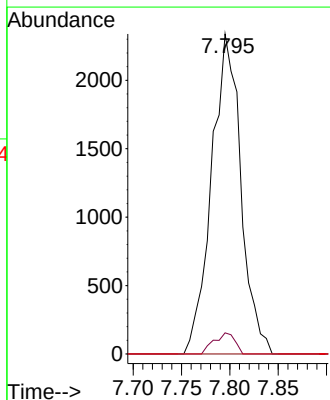
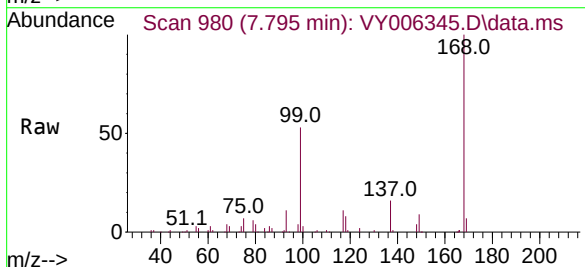
Tgt Ion: 75 Resp: 4321
Ion Ratio Lower Upper
75 100
110 10.0 17.1 51.2#
77 0.0 24.4 36.6#

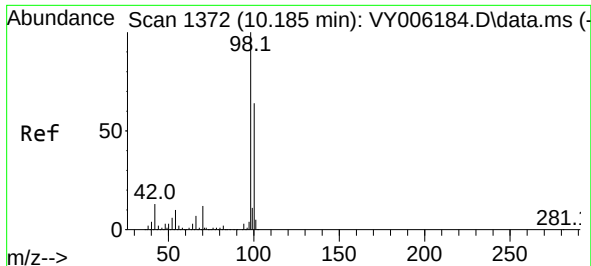


#38

Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 117 Resp: 4933
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#

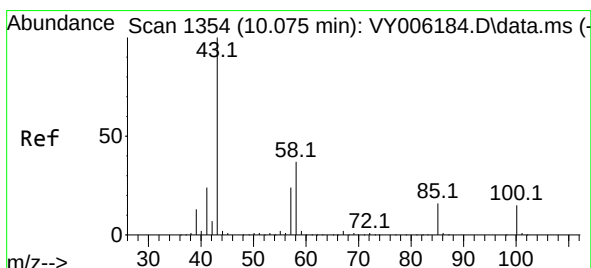
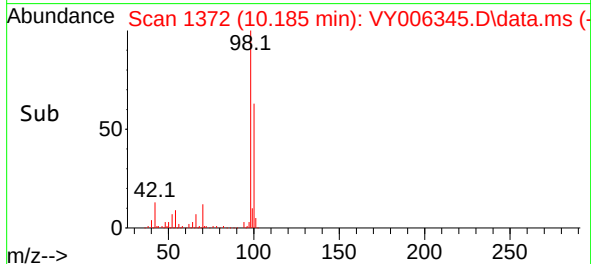
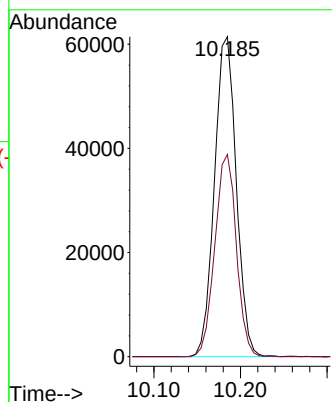
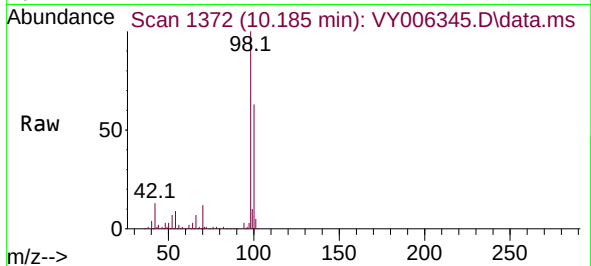




#50
Toluene-d8
Concen: 57.961 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

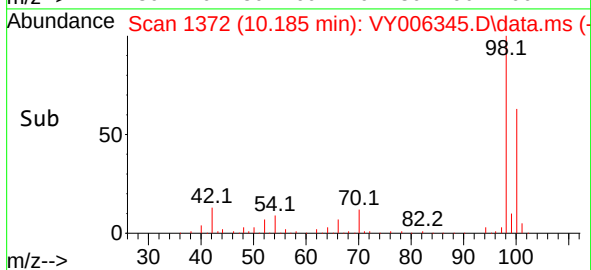
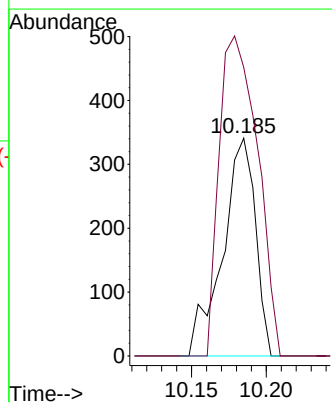
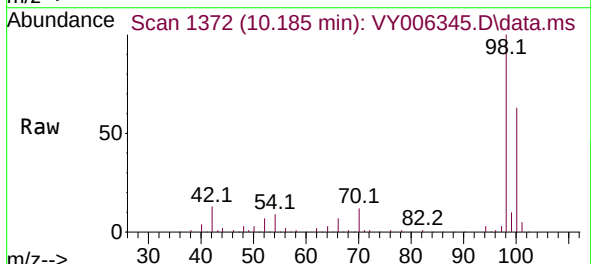
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SB-5(6.5-7.0)

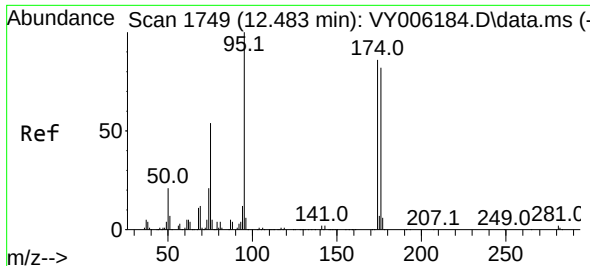
Tgt Ion: 98 Resp: 107657
Ion Ratio Lower Upper
98 100
100 62.3 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.089 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 171.1 28.1 42.1#

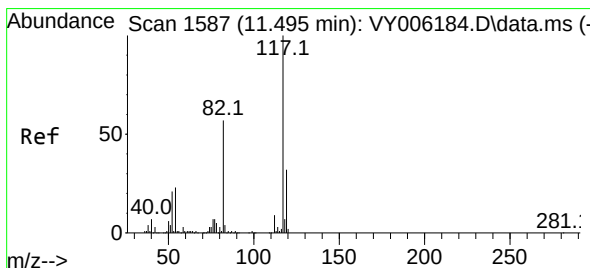
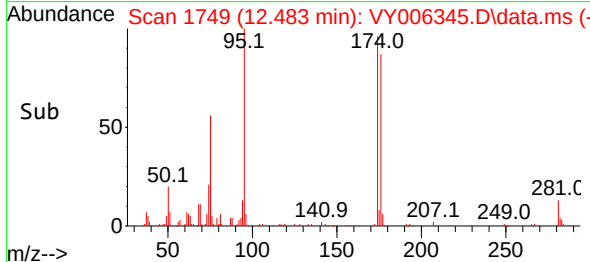
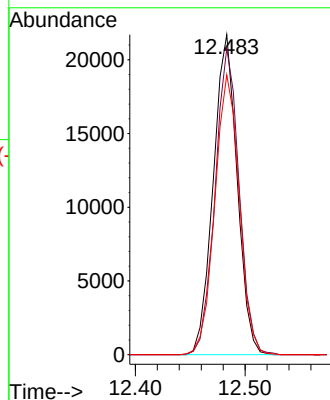
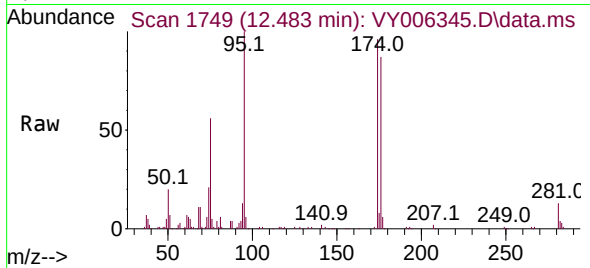




#62
4-Bromofluorobenzene
Concen: 52.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

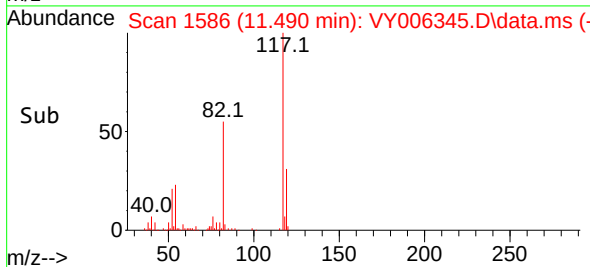
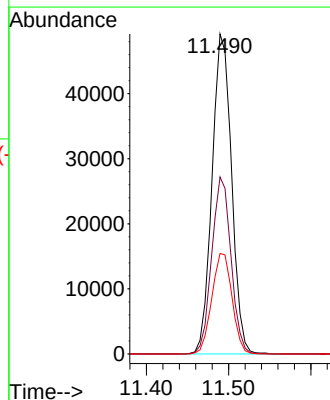
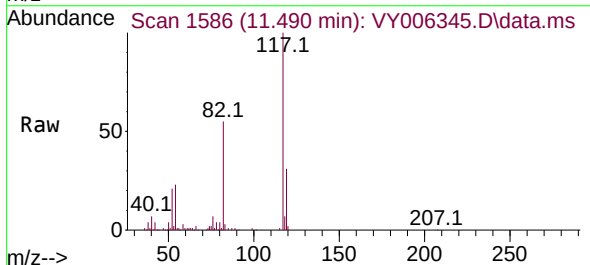
Instrument :
MSVOA_Y
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SB-5(6.5-7.0)

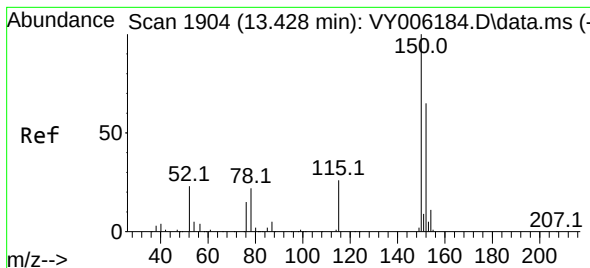
Tgt Ion:	95	Resp:	32851
Ion	Ratio	Lower	Upper
95	100		
174	96.2	0.0	177.0
176	89.7	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006345.D
Acq: 07 Oct 2021 20:31

Tgt Ion:	117	Resp:	80995
Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.0	64.4
119	31.4	25.4	38.0

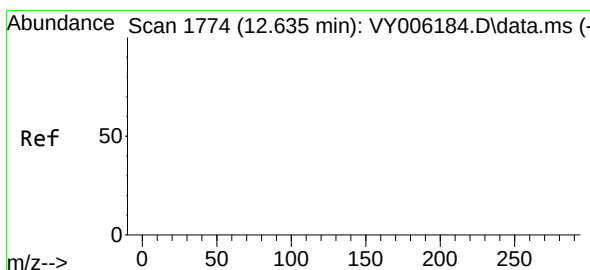
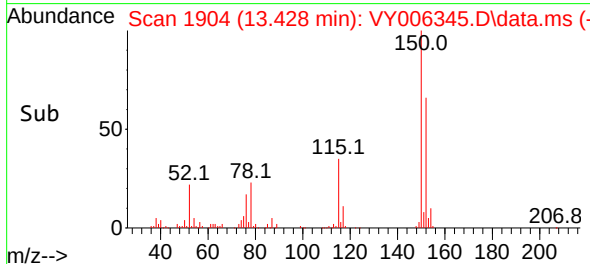
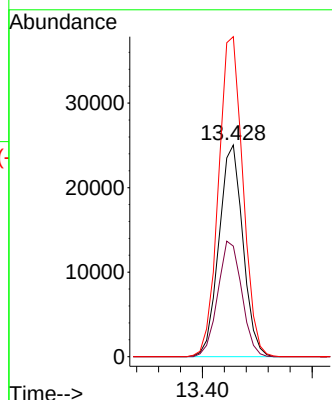
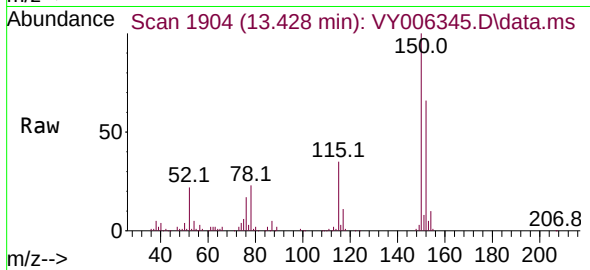




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY006345.D
 Acq: 07 Oct 2021 20:31

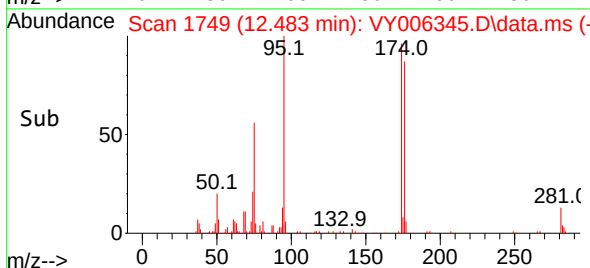
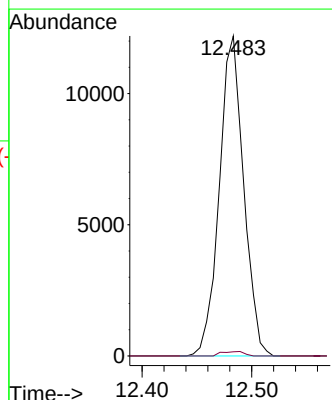
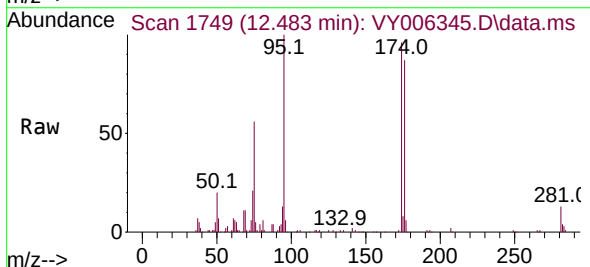
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(6.5-7.0)

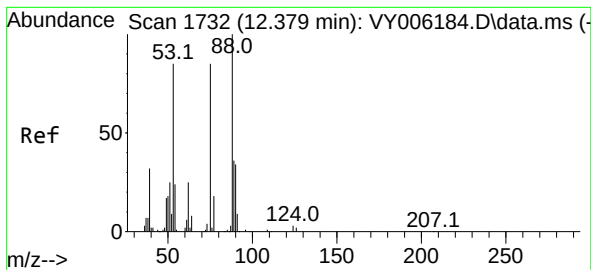
Tgt Ion:152 Resp: 37985
 Ion Ratio Lower Upper
 152 100
 115 54.6 28.2 84.7
 150 153.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.924 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY006345.D
 Acq: 07 Oct 2021 20:31

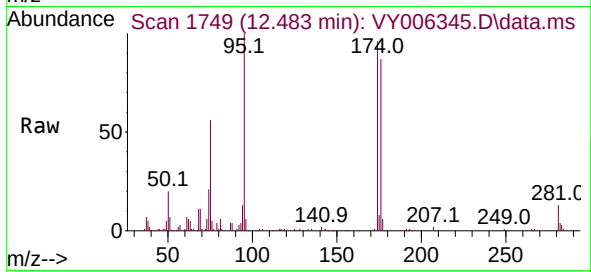
Tgt Ion: 75 Resp: 18801
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.074 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY006345.D
 Acq: 07 Oct 2021 20:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-5(6.5-7.0)



Tgt Ion: 75 Resp: 18801
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

