

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042321\
 Data File : VY004617.D
 Acq On : 23 Apr 2021 19:51
 Operator : SY/MD
 Sample : M2164-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW8-GW-243-245

Quant Time: Apr 26 10:21:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

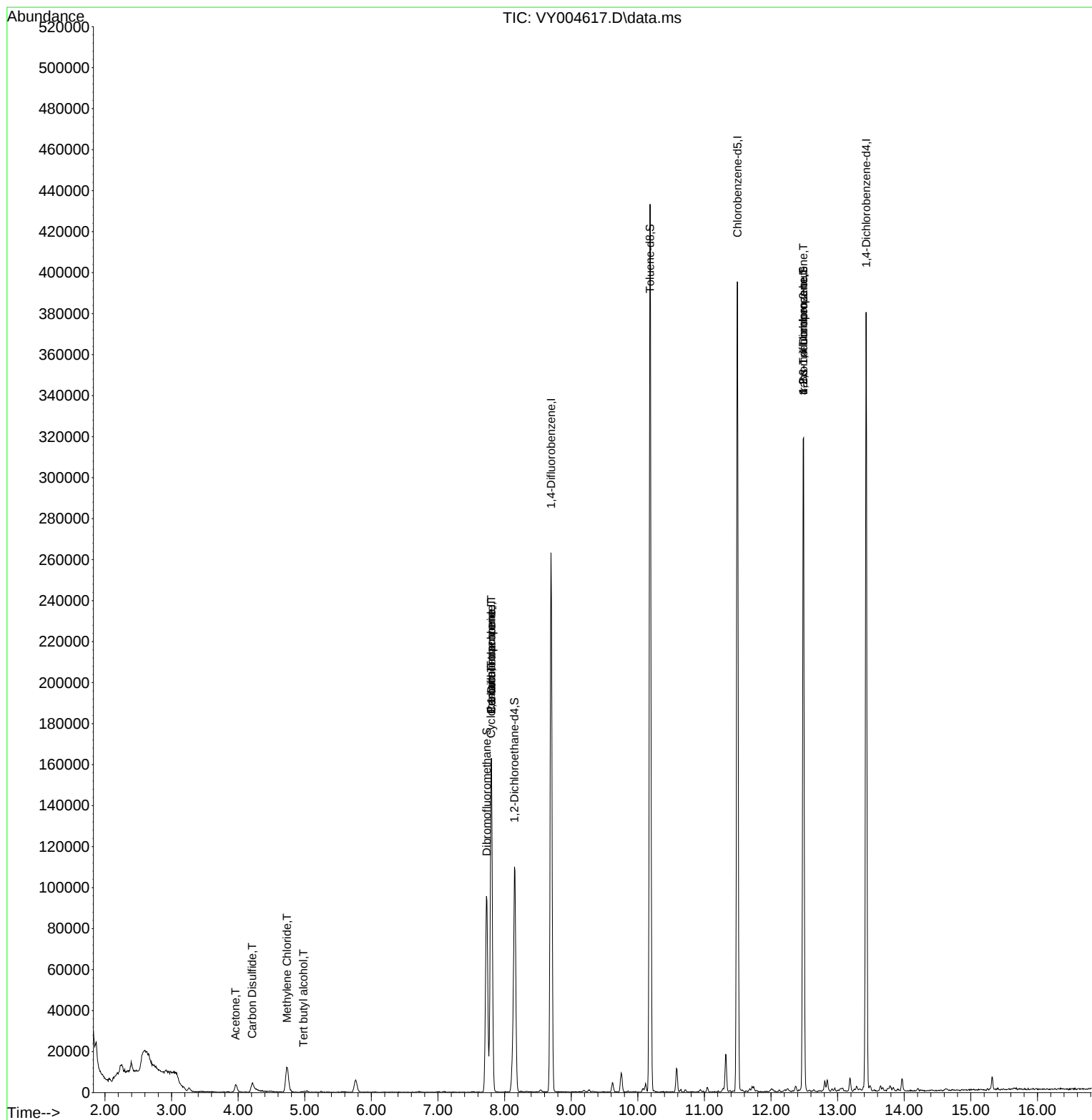
Internal Standards						
1) Pentafluorobenzene	7.801	168	119592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	200572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87321	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	80513	60.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.18%
35) Dibromofluoromethane	7.734	113	66189	56.19	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.38%
50) Toluene-d8	10.185	98	263557	52.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.20%
62) 4-Bromofluorobenzene	12.483	95	87133	51.25	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.50%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	510	3.89	ug/l #	73
16) Acetone	3.960	43	6677	4.81	ug/l	90
17) Carbon Disulfide	4.210	76	7740	2.17	ug/l #	93
20) Methylene Chloride	4.735	84	8683	6.77	ug/l	90
31) Cyclohexane	7.795	56	3249	1.33	ug/l #	37
36) 1,1-Dichloropropene	7.801	75	9904	4.70	ug/l #	50
38) Carbon Tetrachloride	7.801	117	12569	6.89	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	49736	53.07	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49736	94.94	ug/l #	12

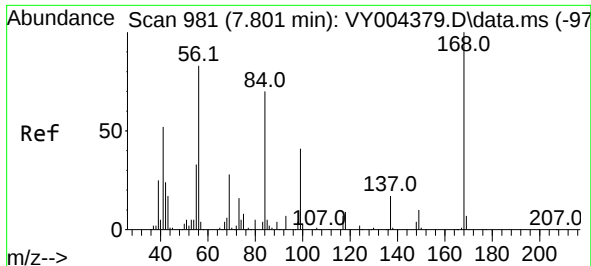
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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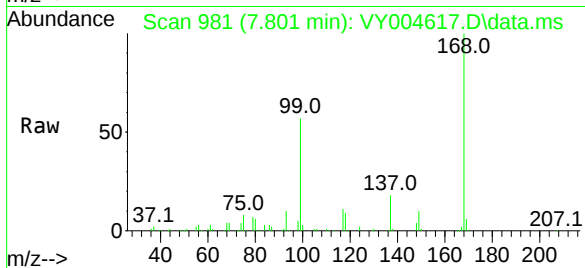
Quant Time: Apr 26 10:21:51 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
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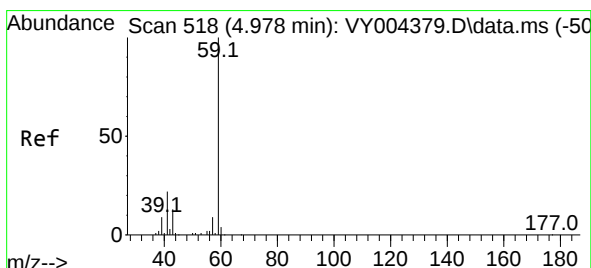
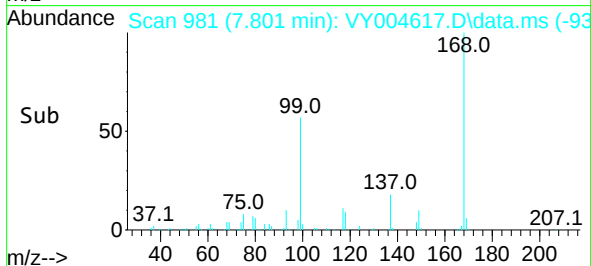
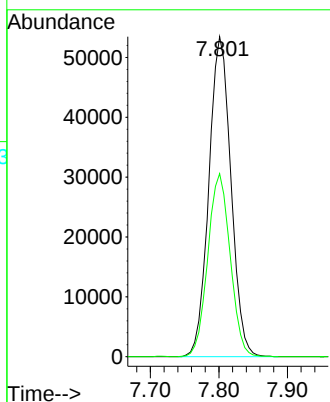


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW8-GW-243-245

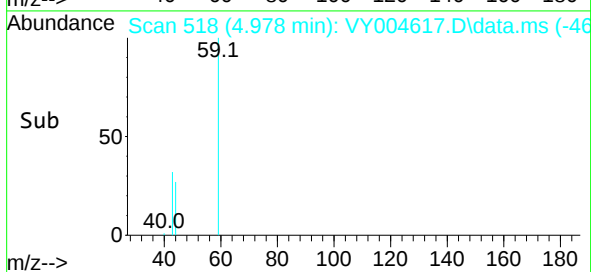
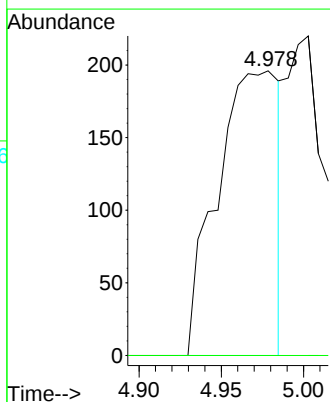
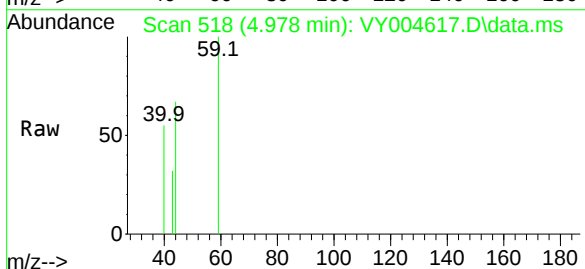


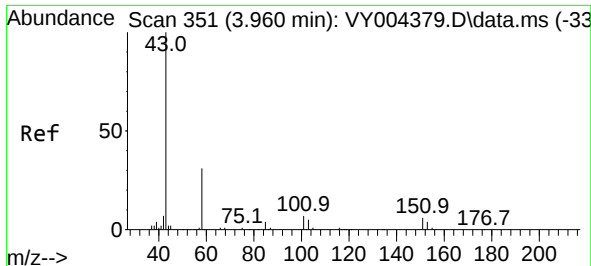
Tgt Ion:168 Resp: 119592
Ion Ratio Lower Upper
168 100
99 57.2 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.89 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

Tgt Ion: 59 Resp: 510
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

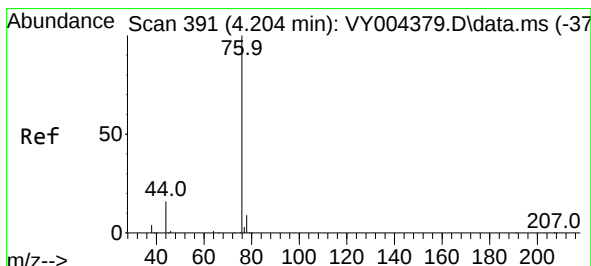
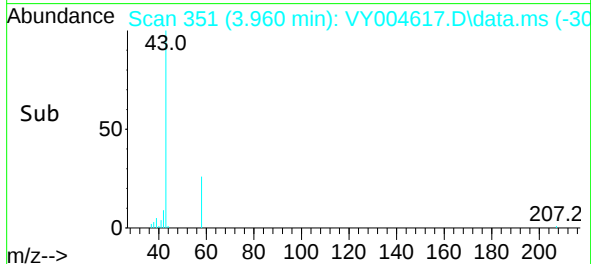
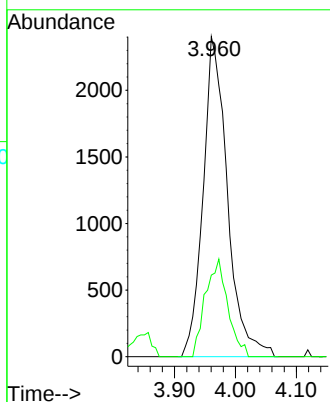
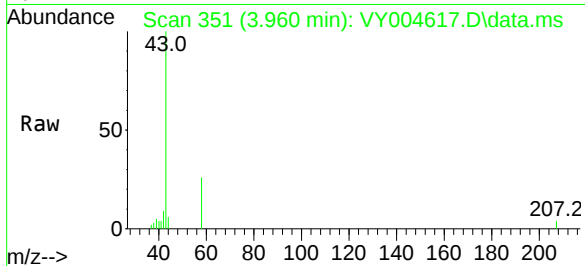




#16
Acetone
Concen: 4.81 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

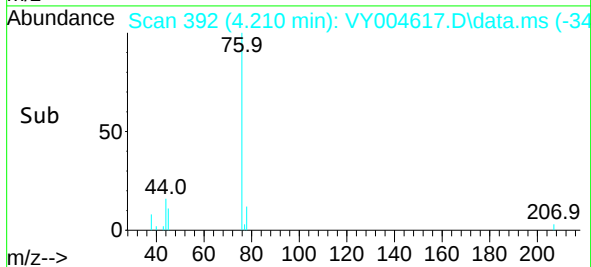
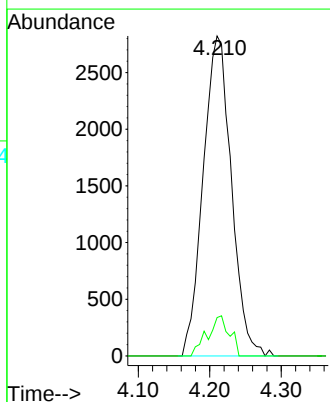
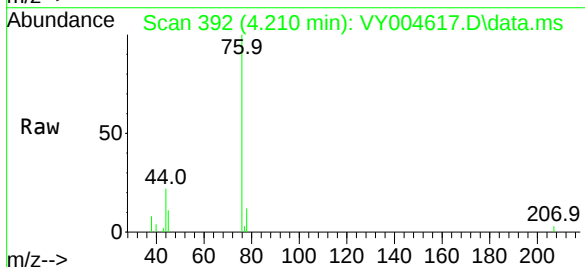
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW8-GW-243-245

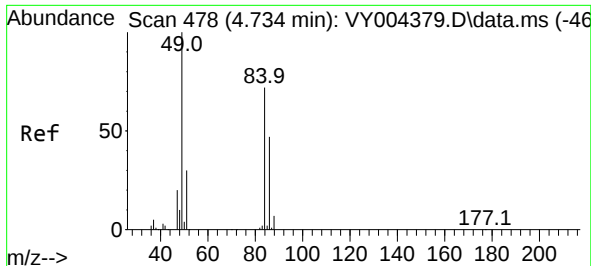
Tgt Ion: 43 Resp: 6677
Ion Ratio Lower Upper
43 100
58 25.5 24.6 37.0



#17
Carbon Disulfide
Concen: 2.17 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

Tgt Ion: 76 Resp: 7740
Ion Ratio Lower Upper
76 100
78 12.0 7.4 11.2#

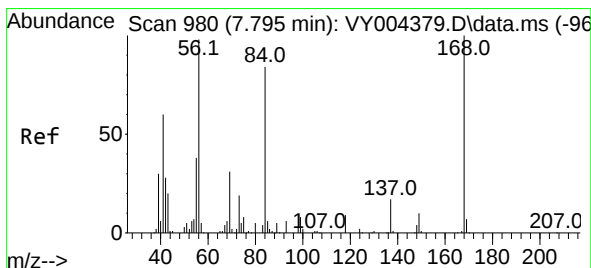
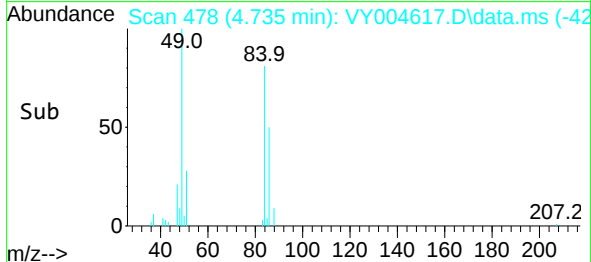
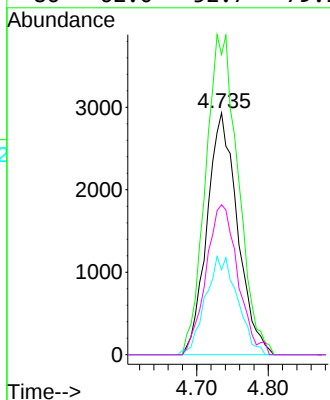
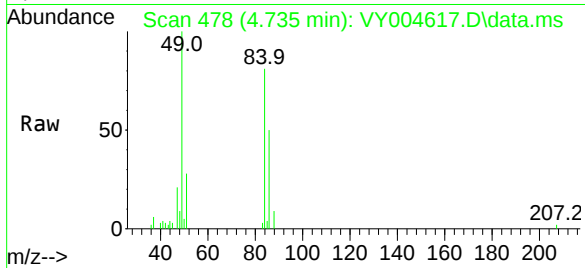




#20
Methylene Chloride
Concen: 6.77 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

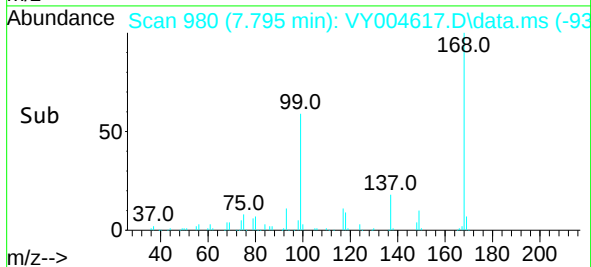
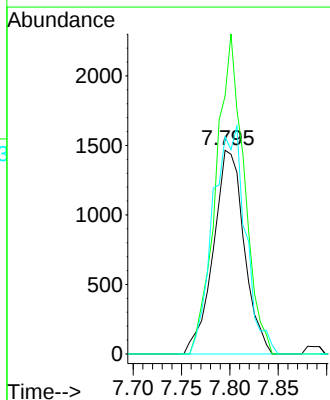
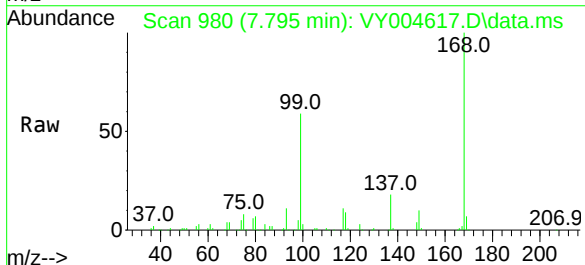
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW8-GW-243-245

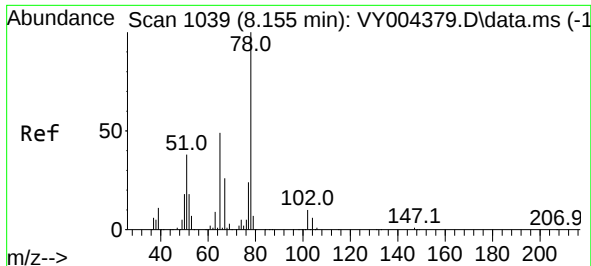
Tgt Ion:	84	Resp:	8683
Ion	Ratio	Lower	Upper
84	100		
49	124.2	111.2	166.8
51	35.1	33.4	50.2
86	62.0	52.7	79.1



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

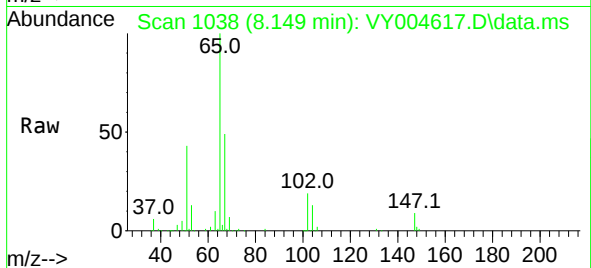
Tgt Ion:	56	Resp:	3249
Ion	Ratio	Lower	Upper
56	100		
69	126.7	25.8	38.6#
84	106.6	68.2	102.4#



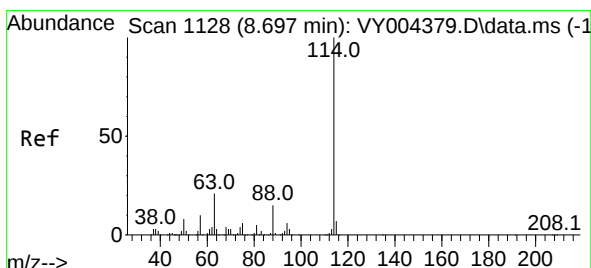
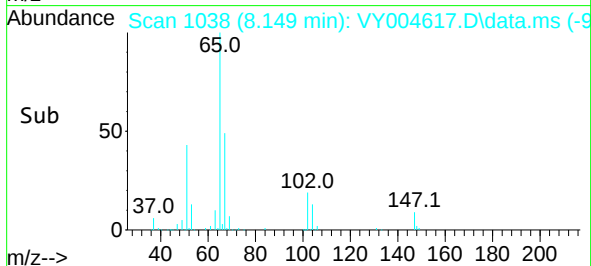
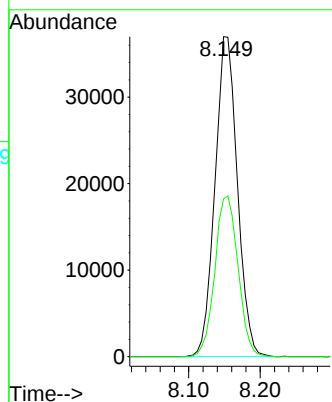


#33
 1,2-Dichloroethane-d4
 Concen: 60.59 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004617.D
 Acq: 23 Apr 2021 19:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW8-GW-243-245

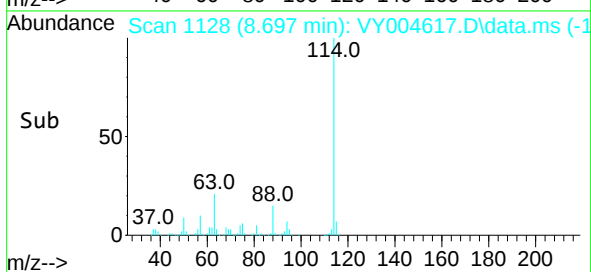
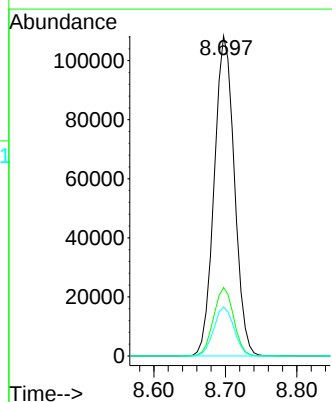
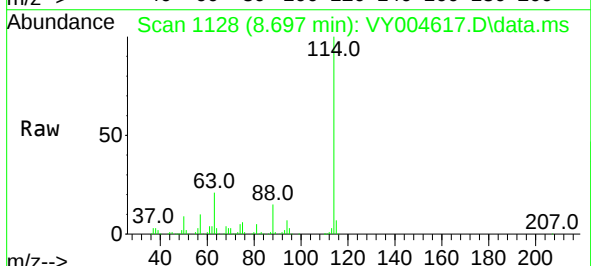


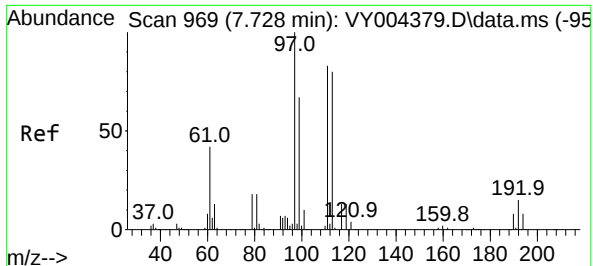
Tgt Ion: 65 Resp: 80513
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004617.D
 Acq: 23 Apr 2021 19:51

Tgt Ion: 114 Resp: 212247
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.4
 88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 56.19 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY004617.D

Acq: 23 Apr 2021 19:51

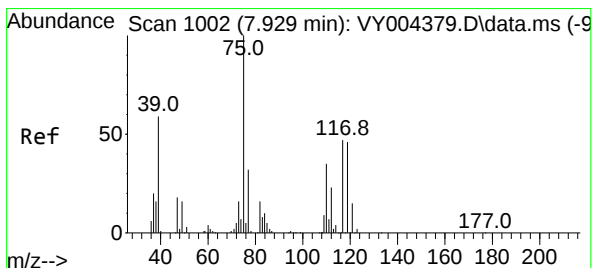
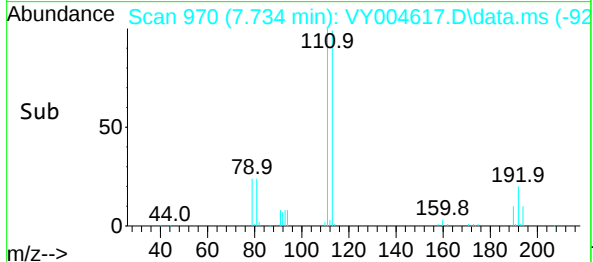
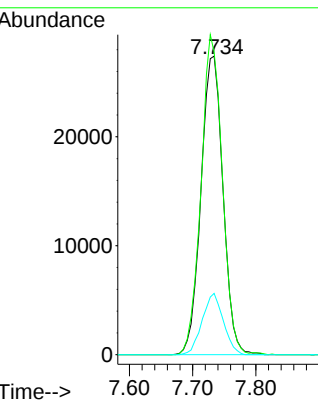
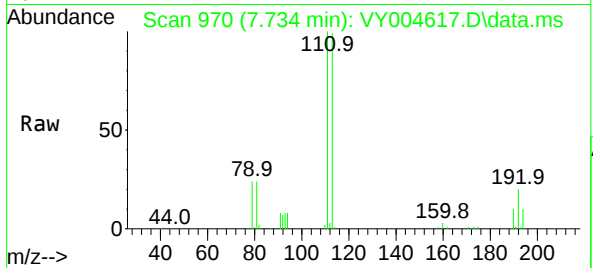
Tgt Ion:113 Resp: 66189

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 19.7 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004617.D

Acq: 23 Apr 2021 19:51

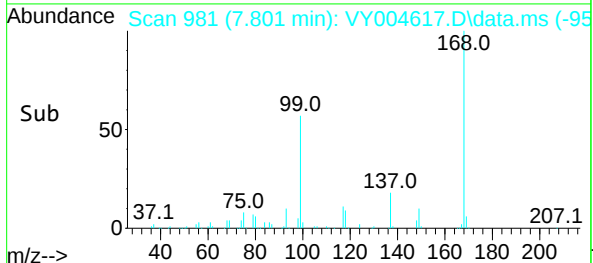
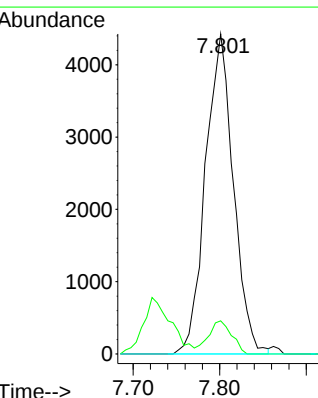
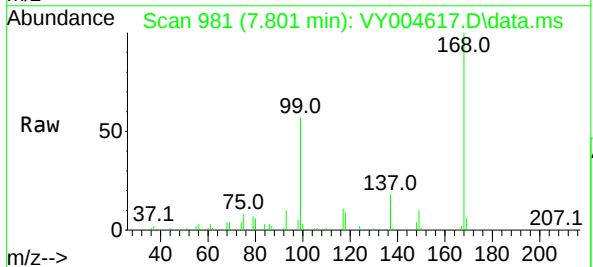
Tgt Ion: 75 Resp: 9904

Ion Ratio Lower Upper

75 100

110 8.7 17.3 51.7#

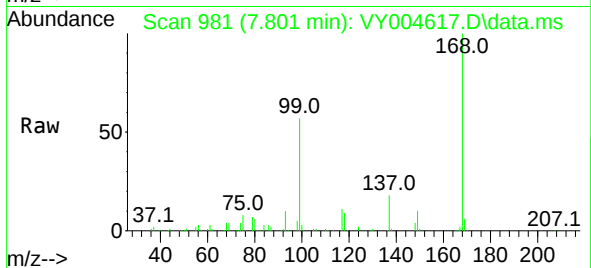
77 0.0 24.3 36.5#



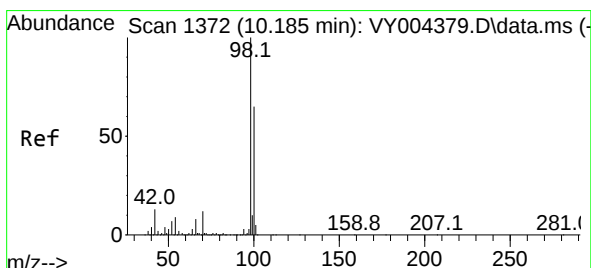
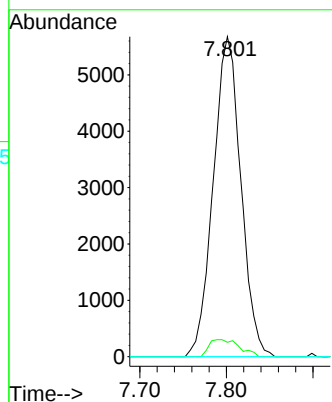
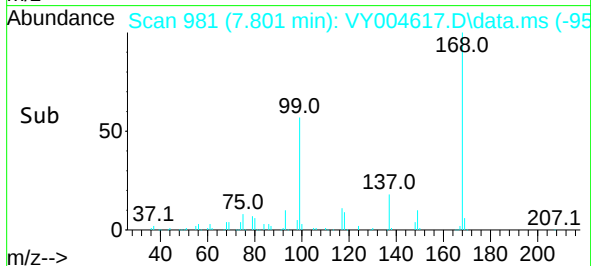


#38
Carbon Tetrachloride
Concen: 6.89 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

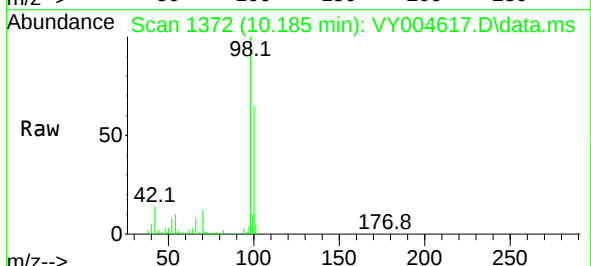
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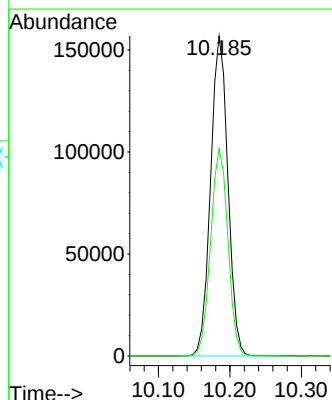
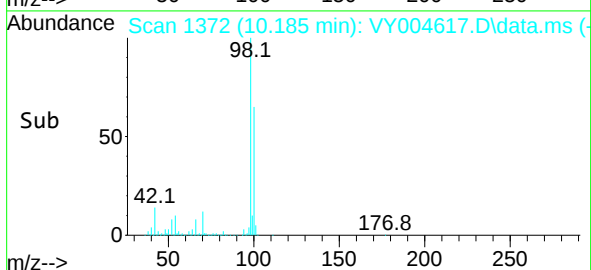
Tgt Ion:117 Resp: 12569
Ion Ratio Lower Upper
117 100
119 4.5 75.8 113.8#
121 0.0 25.3 37.9#

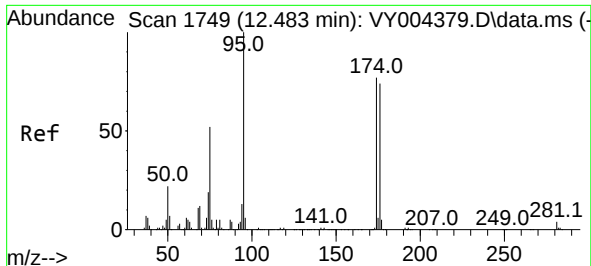


#50
Toluene-d8
Concen: 52.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51



Tgt Ion: 98 Resp: 263557
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

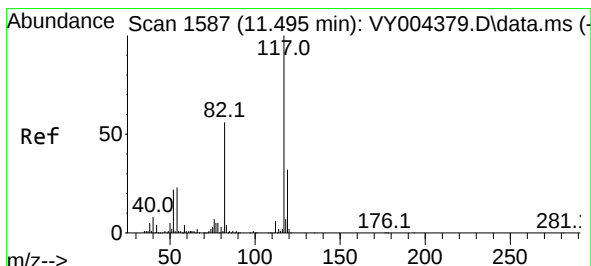
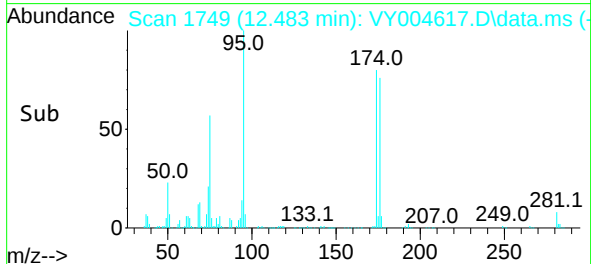
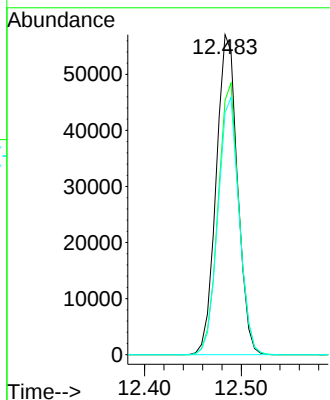
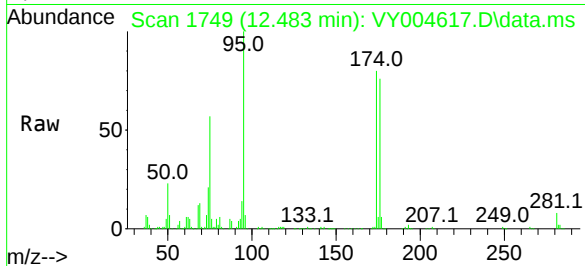




#62
4-Bromofluorobenzene
Concen: 51.25 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

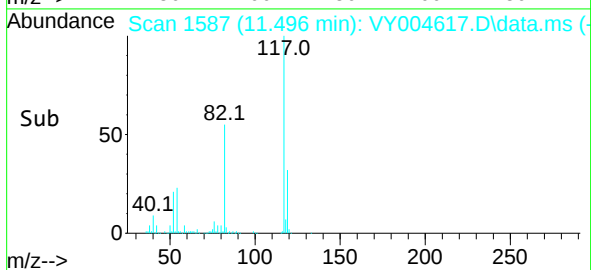
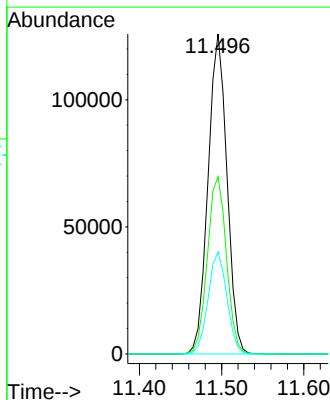
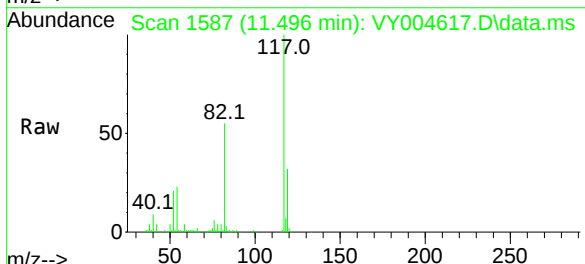
Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB-RW8-GW-243-245

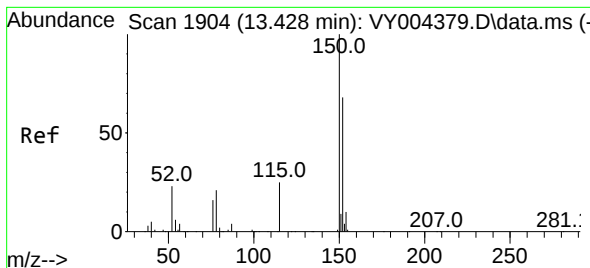
Tgt Ion: 95 Resp: 87133
Ion Ratio Lower Upper
95 100
174 83.1 0.0 162.4
176 79.8 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004617.D
Acq: 23 Apr 2021 19:51

Tgt Ion: 117 Resp: 200572
Ion Ratio Lower Upper
117 100
82 55.4 44.9 67.3
119 31.9 25.4 38.0

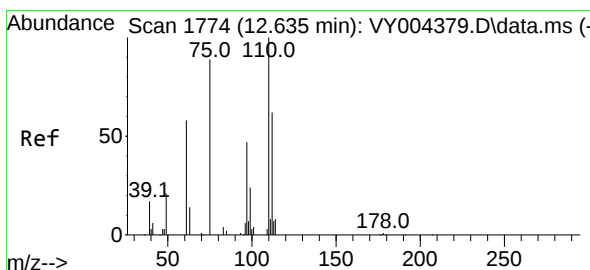
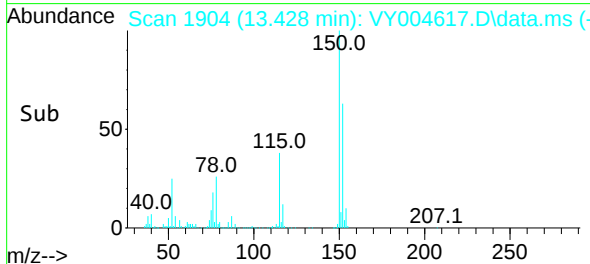
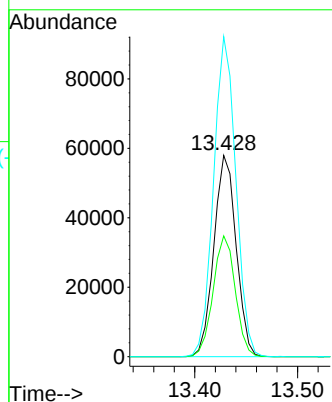
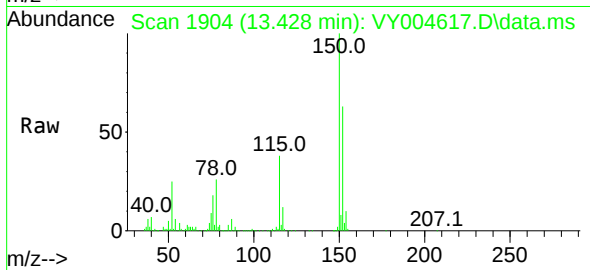




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004617.D
 Acq: 23 Apr 2021 19:51

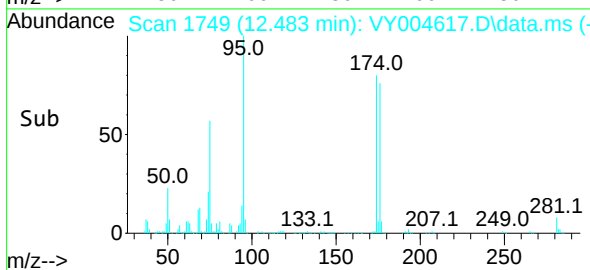
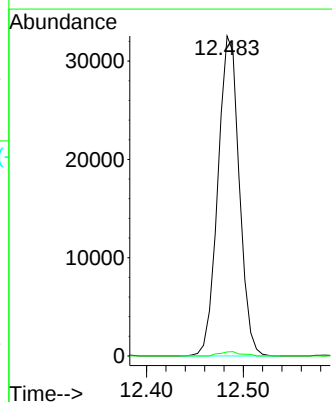
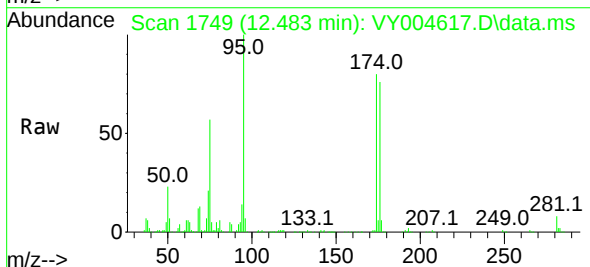
Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW8-GW-243-245

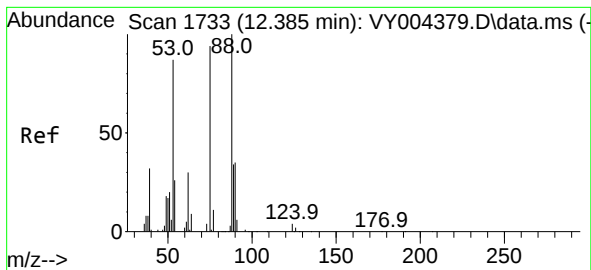
Tgt Ion:152 Resp: 87321
 Ion Ratio Lower Upper
 152 100
 115 59.6 29.6 88.8
 150 159.1 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.07 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004617.D
 Acq: 23 Apr 2021 19:51

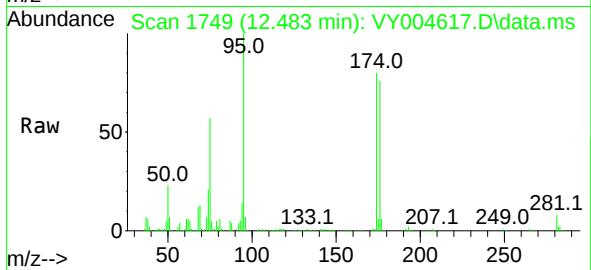
Tgt Ion: 75 Resp: 49736
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.94 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004617.D
 Acq: 23 Apr 2021 19:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB-RW8-GW-243-245



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.2	36.1	54.1#

