

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005156.D
 Acq On : 17 Jun 2021 15:01
 Operator : SY/MD
 Sample : M2749-03
 Misc : 5.09G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:02:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

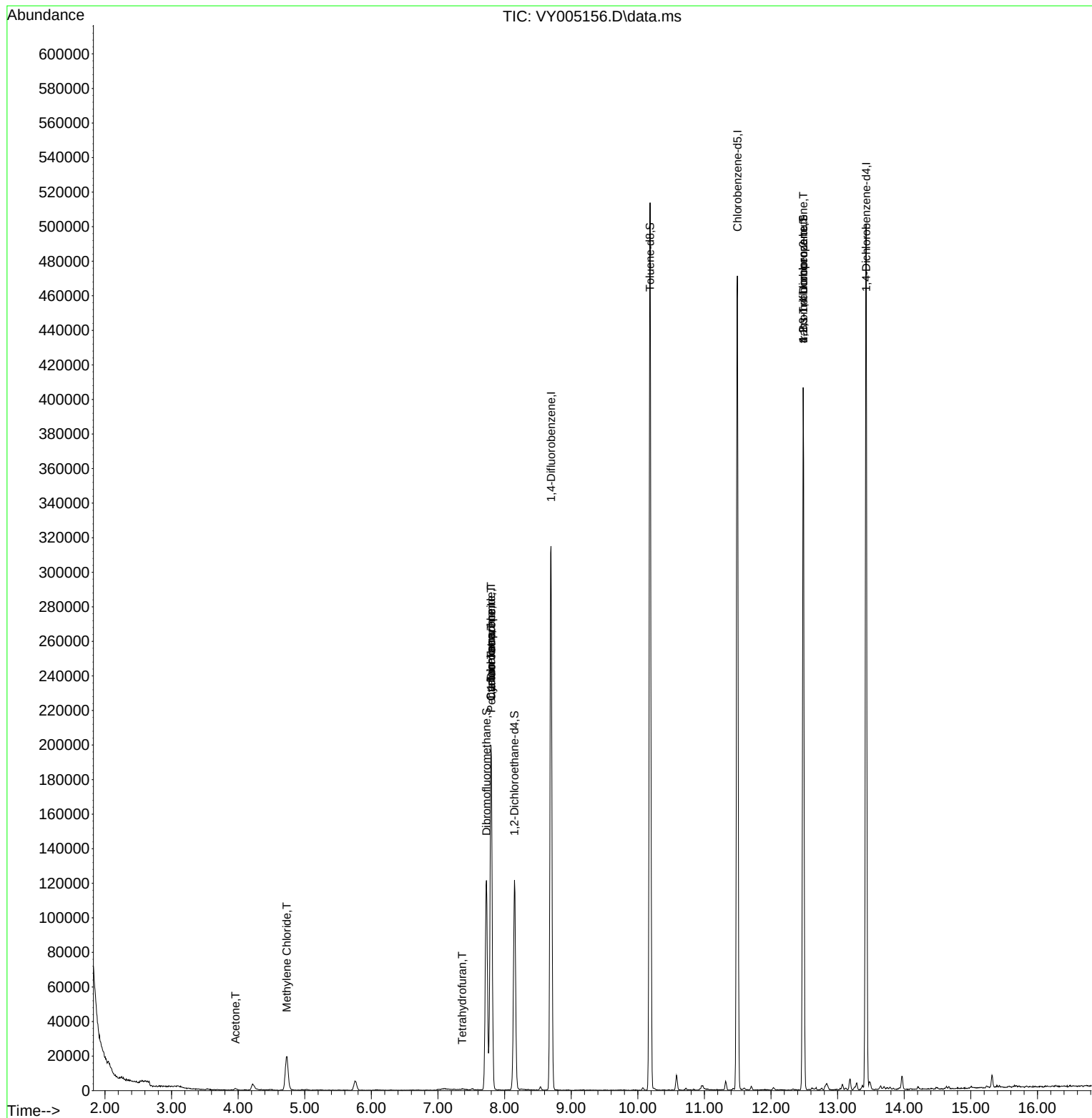
Internal Standards						
1) Pentafluorobenzene	7.801	168	153944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	275627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96282	64.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.360%	
35) Dibromofluoromethane	7.728	113	84141	71.097	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 142.200%	
50) Toluene-d8	10.185	98	332666	56.652	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.300%	
62) 4-Bromofluorobenzene	12.483	95	113526	57.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	711	Below Cal	#	74
16) Acetone	3.960	43	1791	5.916	ug/l	98
20) Methylene Chloride	4.728	84	15928	3.184	ug/l	93
29) Tetrahydrofuran	7.362	42	458	1.464	ug/l	# 86
31) Cyclohexane	7.795	56	3134	1.238	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	11637	4.610	ug/l	# 49
38) Carbon Tetrachloride	7.795	117	15448	5.765	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	62239	54.684	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	62239	102.016	ug/l	# 11

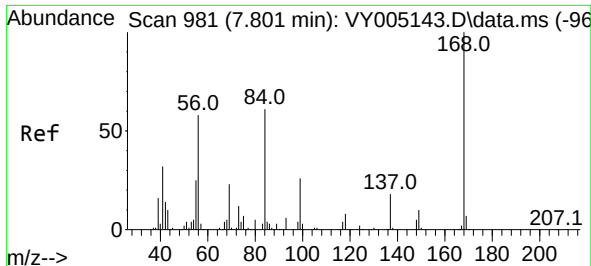
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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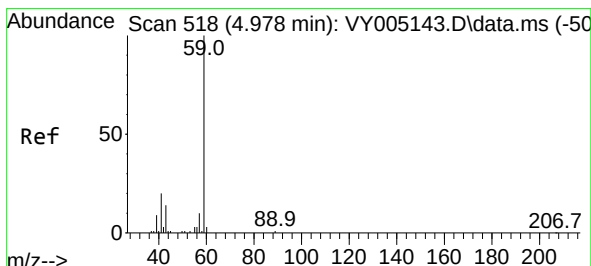
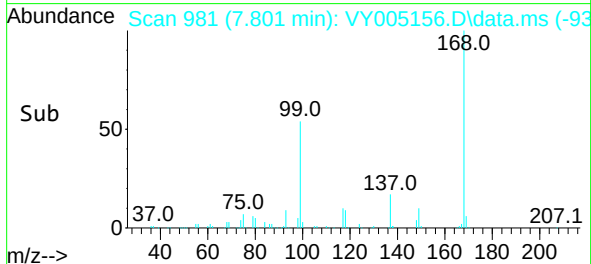
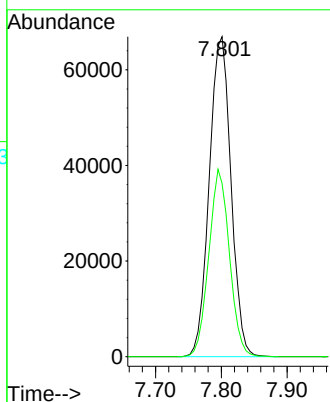
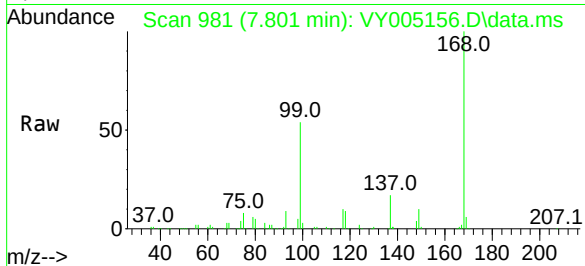




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

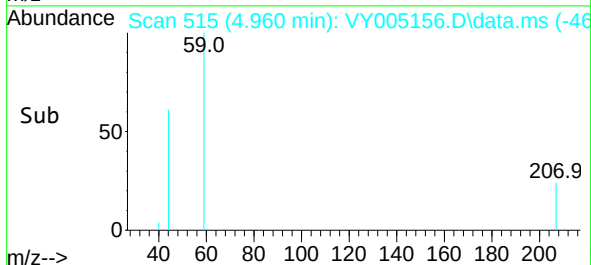
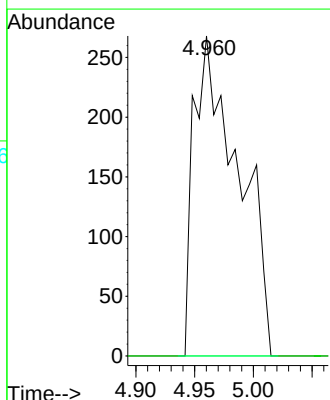
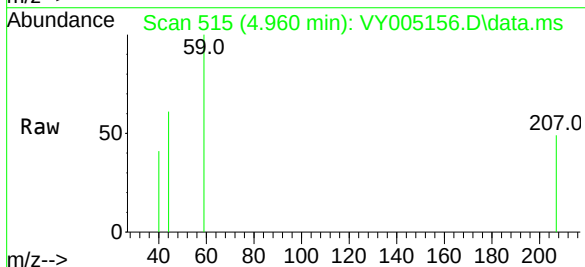
Instrument :
MSVOA_Y
ClientSampleId :

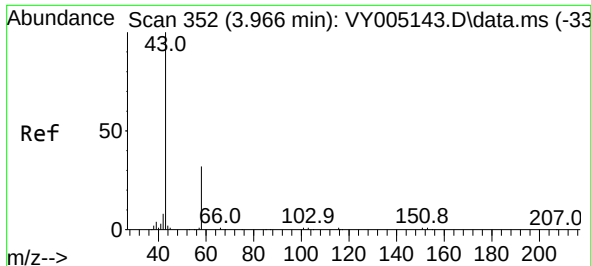
Tgt Ion:168 Resp: 153944
Ion Ratio Lower Upper
168 100
99 54.2 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

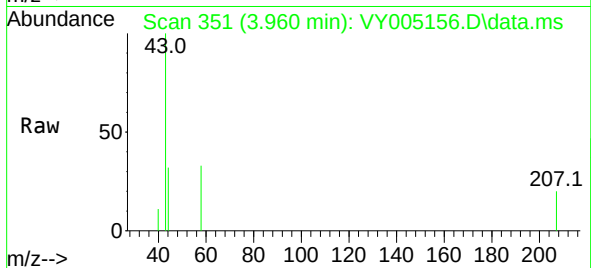
Tgt Ion: 59 Resp: 711
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



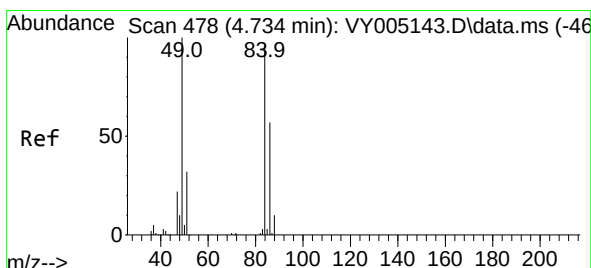
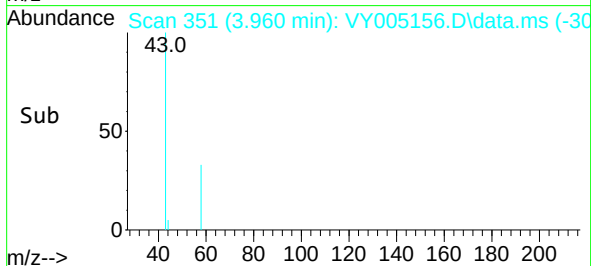
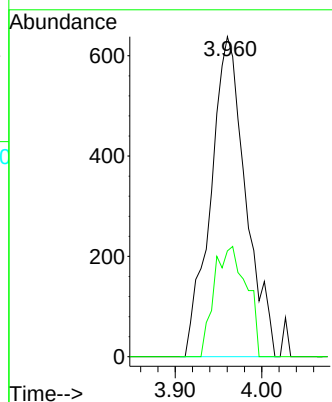


#16
Acetone
Concen: 5.916 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.006 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

Instrument :
MSVOA_Y
ClientSampled :

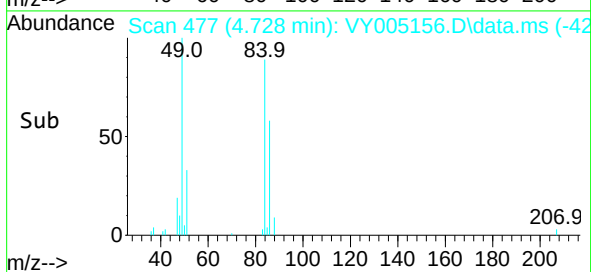
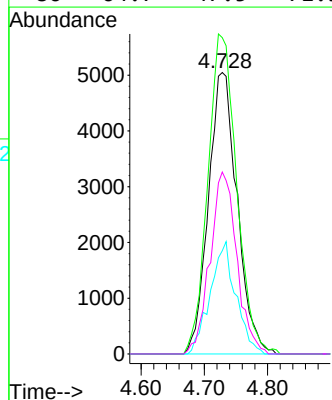
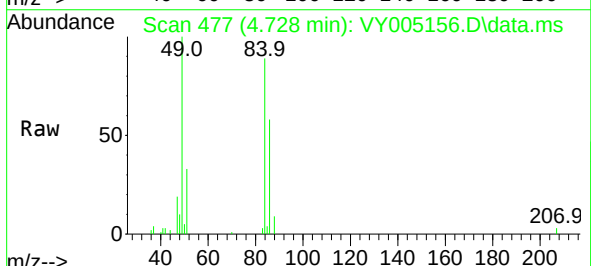


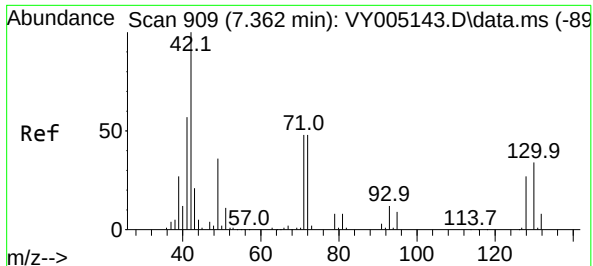
Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 33.1 25.6 38.4



#20
Methylene Chloride
Concen: 3.184 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

Tgt Ion: 84 Resp: 15928
Ion Ratio Lower Upper
84 100
49 112.4 83.4 125.2
51 36.6 26.8 40.2
86 64.7 47.5 71.3





#29

Tetrahydrofuran

Concen: 1.464 ug/l

RT: 7.362 min Scan# 909

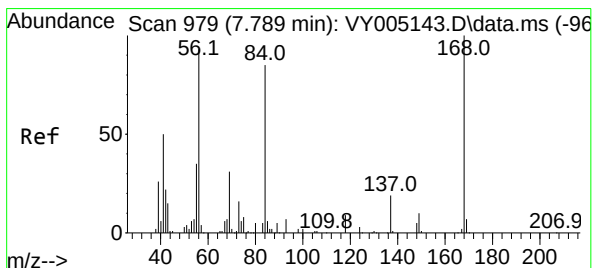
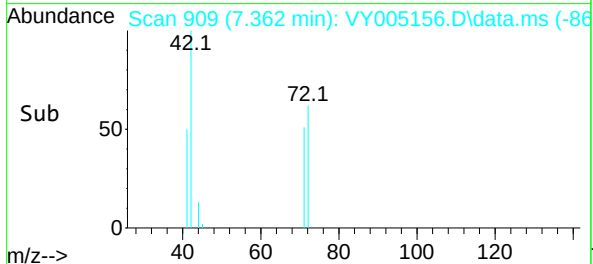
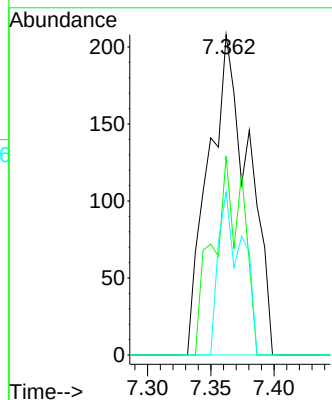
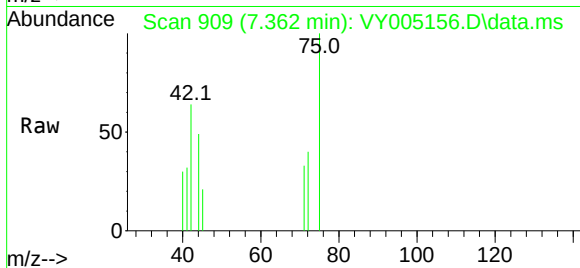
Delta R.T. 0.000 min

Lab File: VY005156.D

Acq: 17 Jun 2021 15:01

Tgt Ion: 42 Resp: 458

Ion	Ratio	Lower	Upper
42	100		
72	46.3	39.4	59.2
71	30.3	37.4	56.2



#31

Cyclohexane

Concen: 1.238 ug/l

RT: 7.795 min Scan# 980

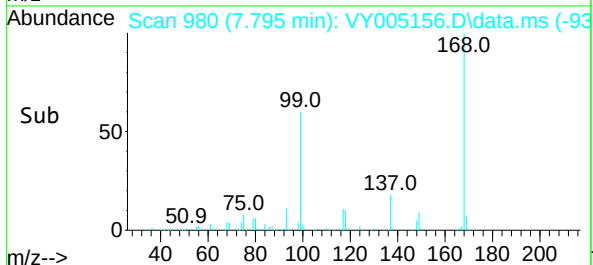
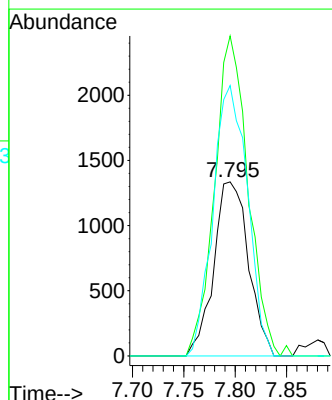
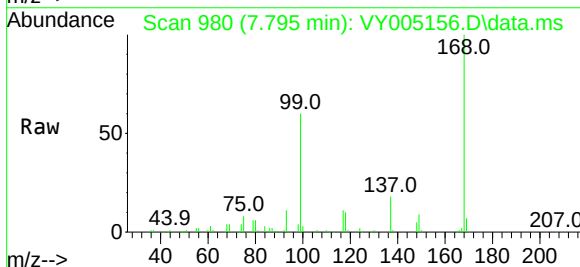
Delta R.T. 0.006 min

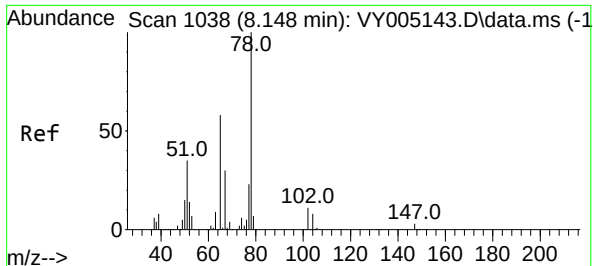
Lab File: VY005156.D

Acq: 17 Jun 2021 15:01

Tgt Ion: 56 Resp: 3134

Ion	Ratio	Lower	Upper
56	100		
69	183.8	26.3	39.5
84	155.3	73.2	109.8

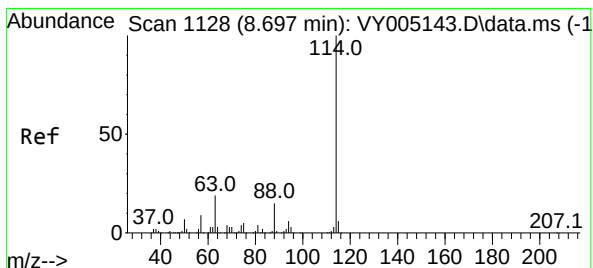
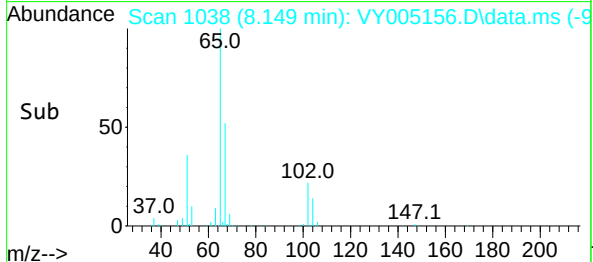
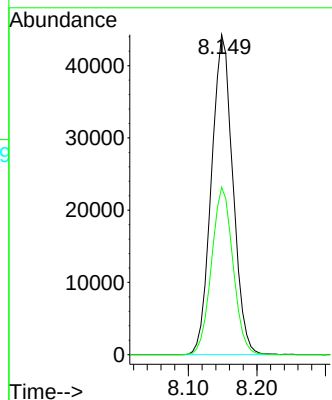
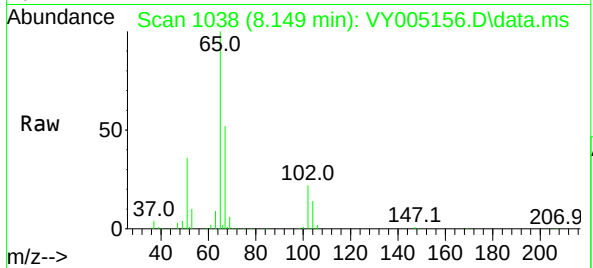




#33
1,2-Dichloroethane-d4
Concen: 64.685 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

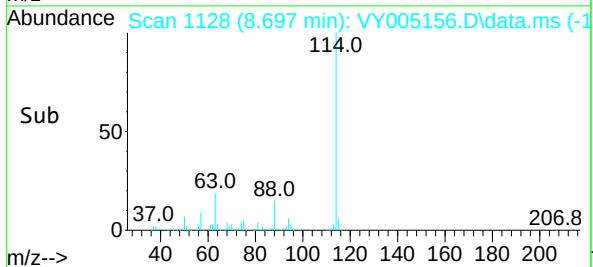
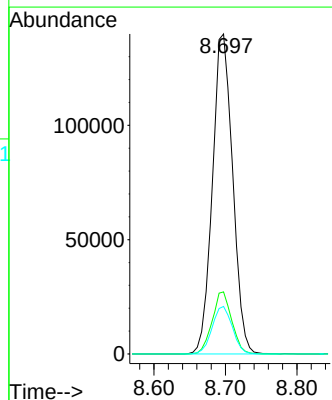
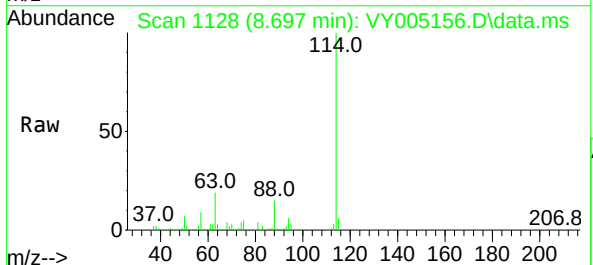
Instrument :
MSVOA_Y
ClientSampled :

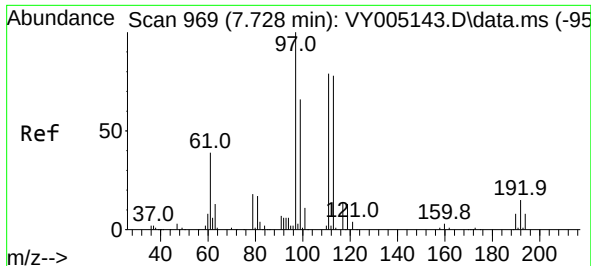
Tgt Ion: 65 Resp: 96282
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

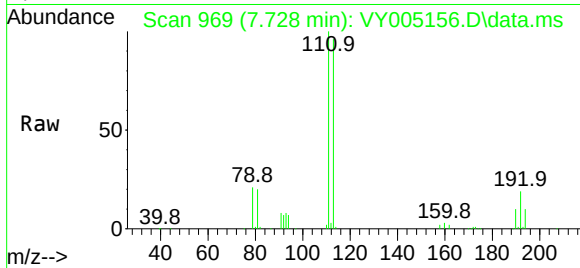
Tgt Ion: 114 Resp: 275627
Ion Ratio Lower Upper
114 100
63 19.4 0.0 37.6
88 14.9 0.0 29.6



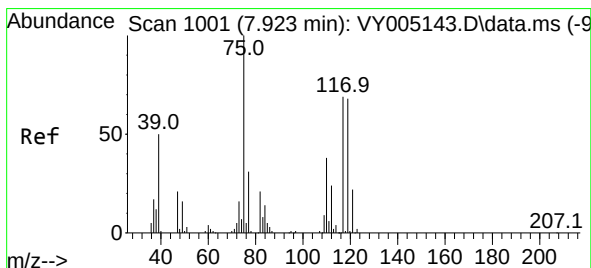
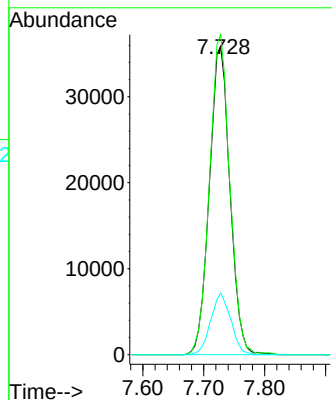
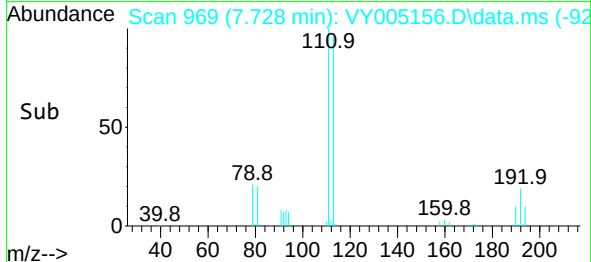


#35
Dibromofluoromethane
Concen: 71.097 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

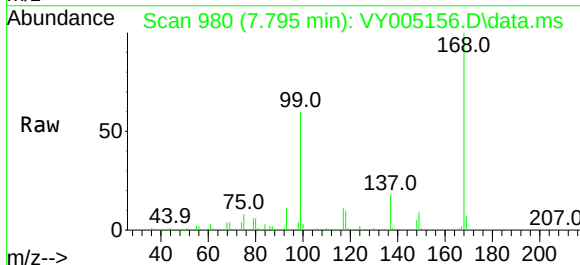
Instrument :
MSVOA_Y
ClientSampleId :



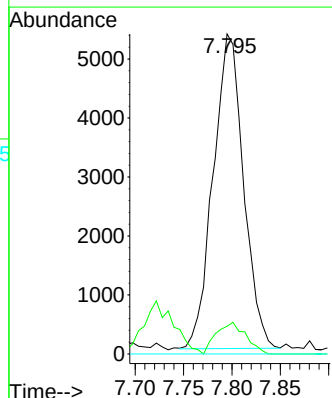
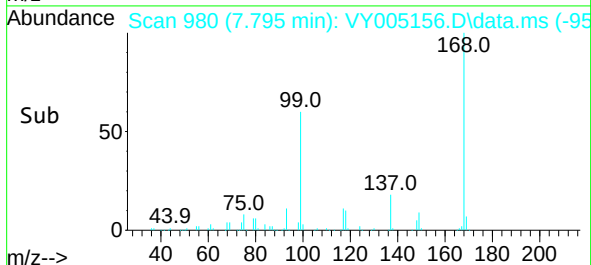
Tgt Ion:113 Resp: 84141
Ion Ratio Lower Upper
113 100
111 102.9 82.3 123.5
192 19.4 16.2 24.2

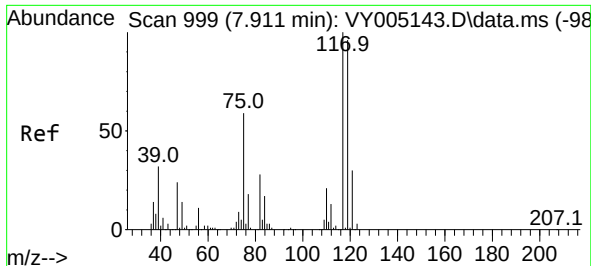


#36
1,1-Dichloropropene
Concen: 4.610 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01



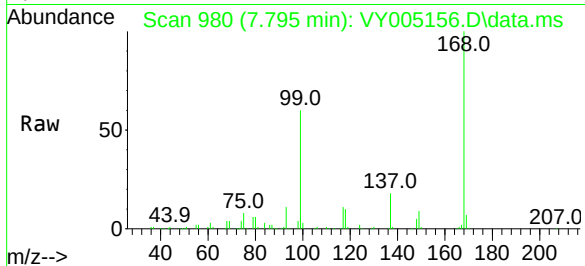
Tgt Ion: 75 Resp: 11637
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.3#
77 0.0 24.6 36.8#



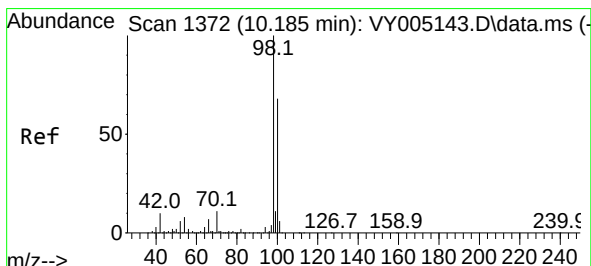
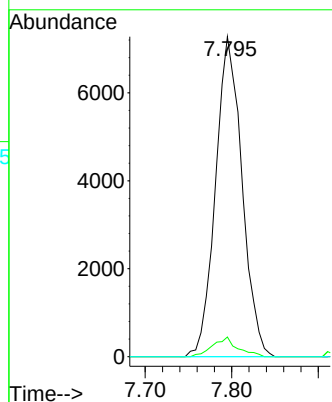
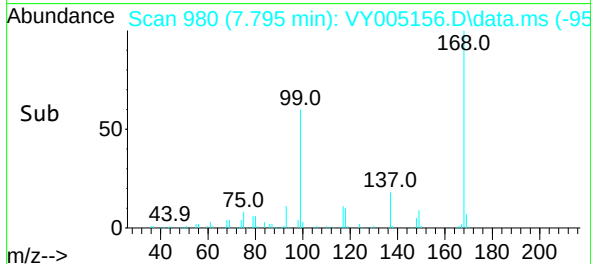


#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

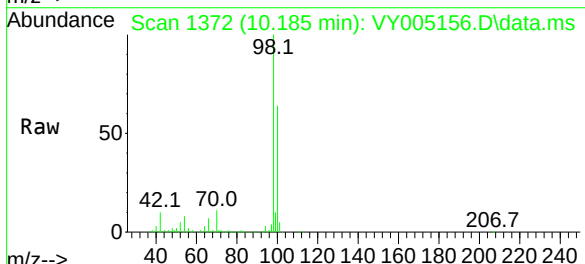
Instrument :
MSVOA_Y
ClientSampleId :



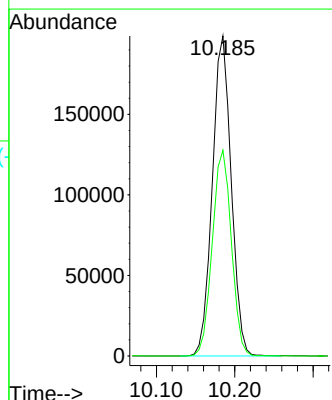
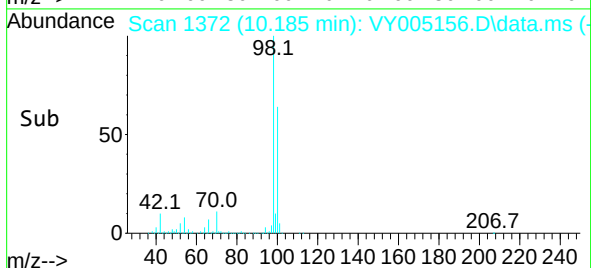
Tgt Ion:117 Resp: 15448
Ion Ratio Lower Upper
117 100
119 6.2 76.9 115.3#
121 0.0 24.2 36.4#

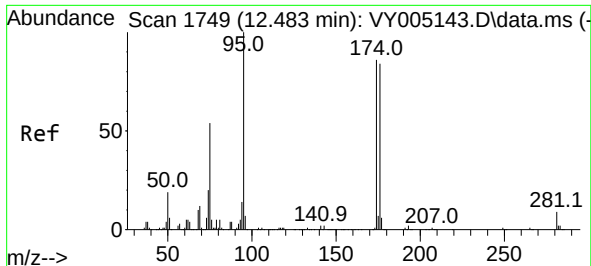


#50
Toluene-d8
Concen: 56.652 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01



Tgt Ion: 98 Resp: 332666
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

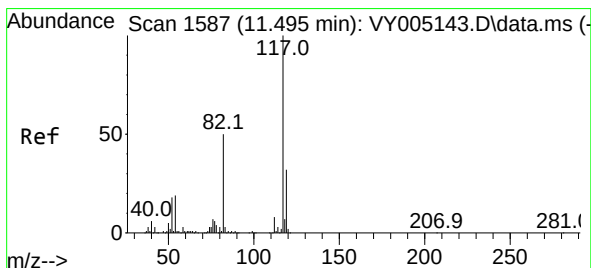
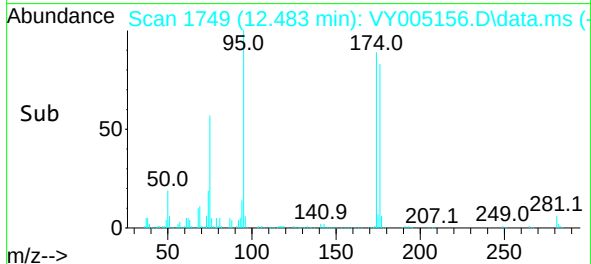
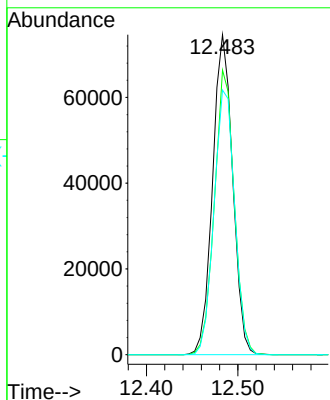
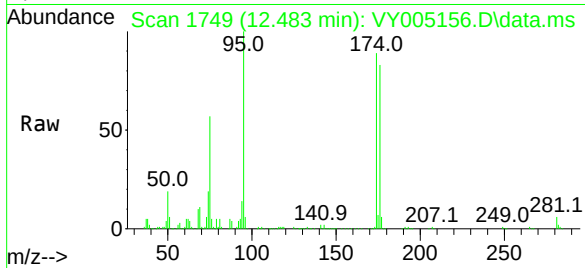




#62
4-Bromofluorobenzene
Concen: 57.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

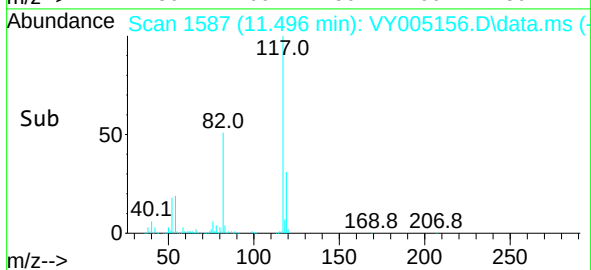
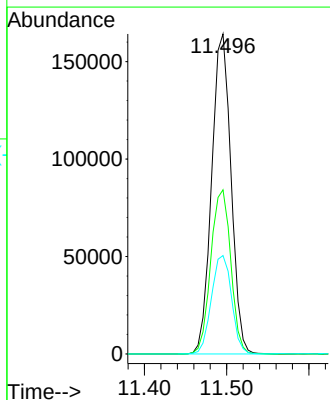
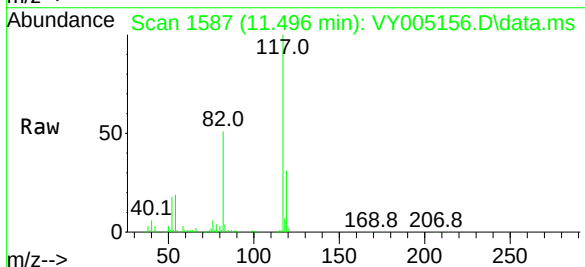
Instrument :
MSVOA_Y
ClientSampled :

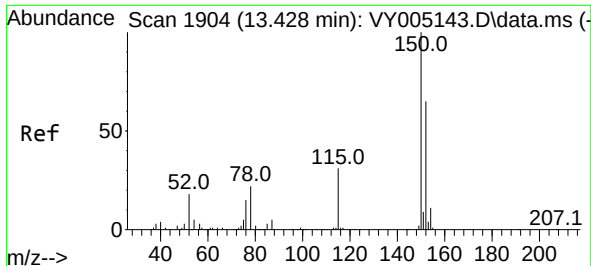
Tgt Ion: 95 Resp: 113526
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.2
176 85.6 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005156.D
Acq: 17 Jun 2021 15:01

Tgt Ion: 117 Resp: 268704
Ion Ratio Lower Upper
117 100
82 51.3 39.8 59.6
119 30.7 25.9 38.9

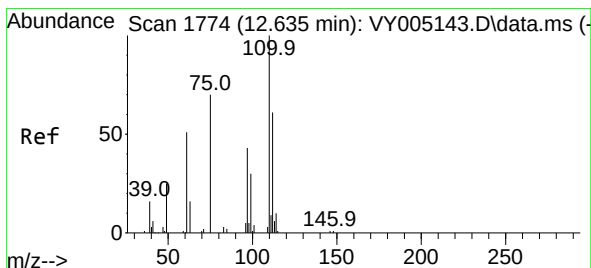
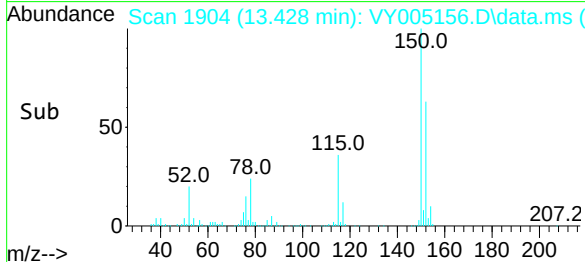
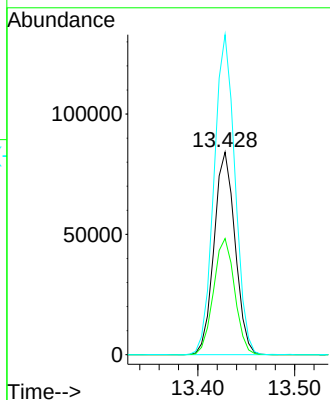
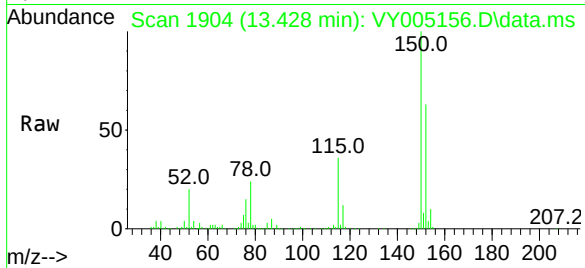




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005156.D
 Acq: 17 Jun 2021 15:01

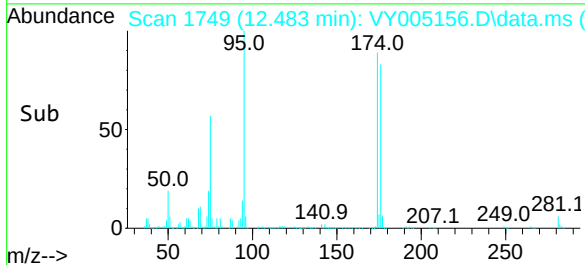
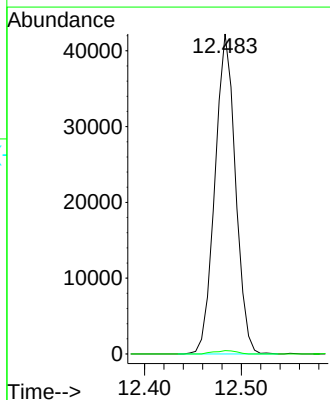
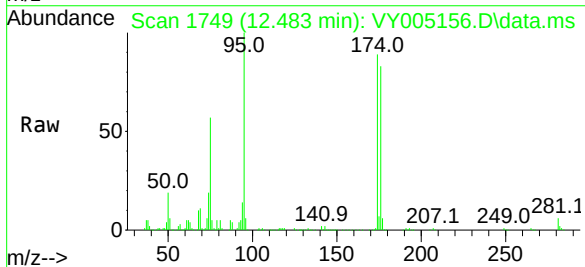
Instrument :
 MSVOA_Y
 ClientSampled :

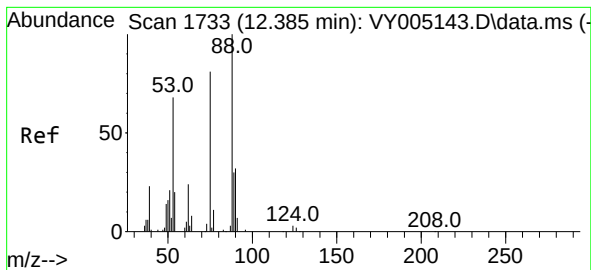
Tgt Ion:152 Resp: 127153
 Ion Ratio Lower Upper
 152 100
 115 57.7 29.5 88.6
 150 157.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 54.684 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005156.D
 Acq: 17 Jun 2021 15:01

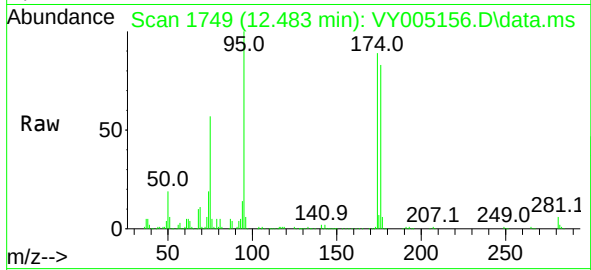
Tgt Ion: 75 Resp: 62239
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.016 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY005156.D
 Acq: 17 Jun 2021 15:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.2	109.8#
89	0.0	44.1	66.1#

