

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\vy060921\
 Data File : VY005046.D
 Acq On : 09 Jun 2021 15:09
 Operator : SY/MD
 Sample : M2625-11
 Misc : 6.42G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 10 02:41:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

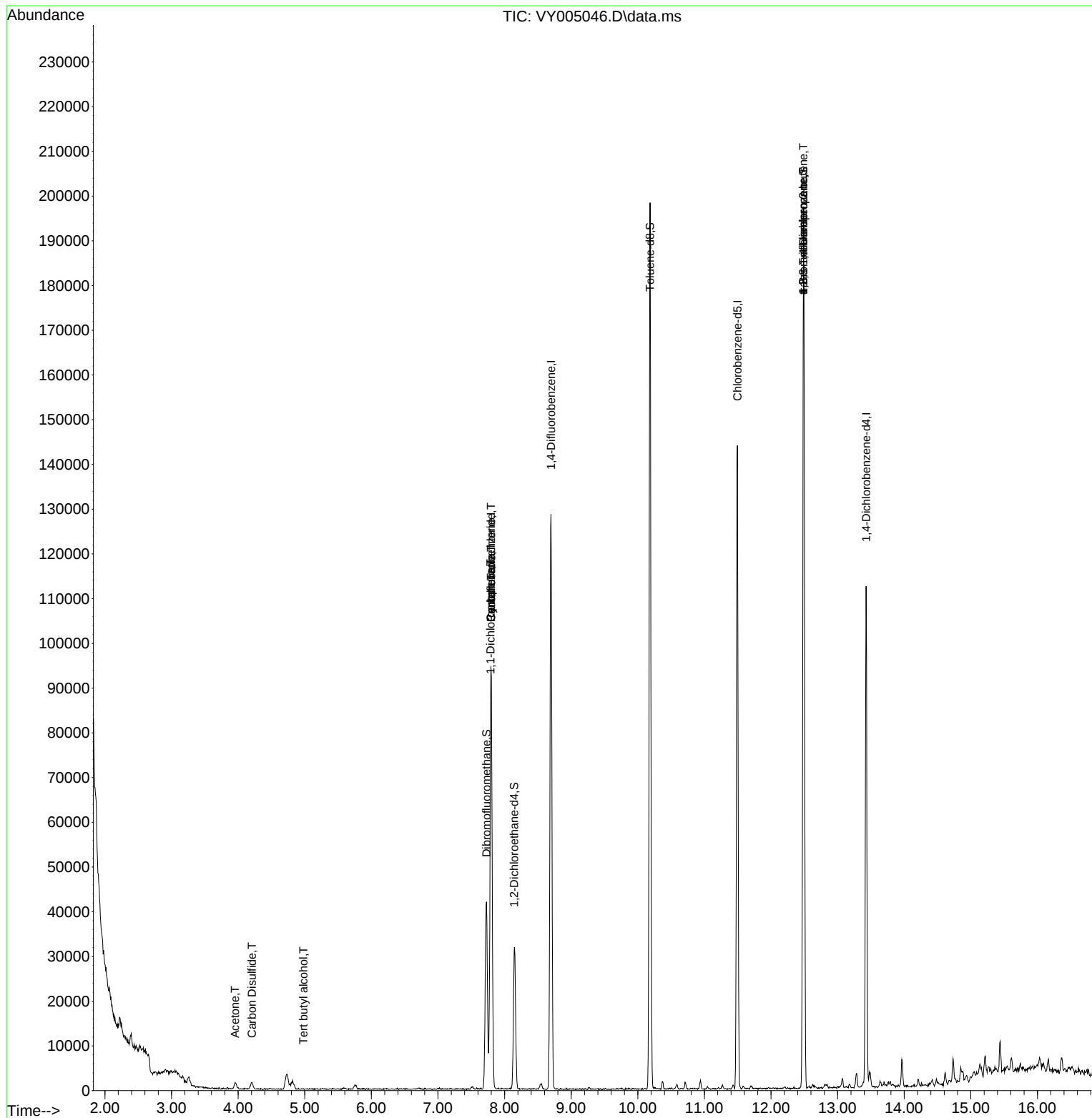
Internal Standards						
1) Pentafluorobenzene	7.795	168	71190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	108983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	77423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24713	32.837	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	65.680%
35) Dibromofluoromethane	7.728	113	30061	51.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.185	98	128264	52.672	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.483	95	27433	32.756	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.978	59	119	1.375	ug/l #	74
16) Acetone	3.954	43	2310	12.750	ug/l #	72
17) Carbon Disulfide	4.204	76	3167	1.408	ug/l	99
20) Methylene Chloride	4.728	84	2591	Below Cal	#	83
31) Cyclohexane	7.795	56	1763	1.331	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	5927	5.557	ug/l #	50
38) Carbon Tetrachloride	7.795	117	7451	8.027	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	15459	50.932	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15459	93.601	ug/l #	16

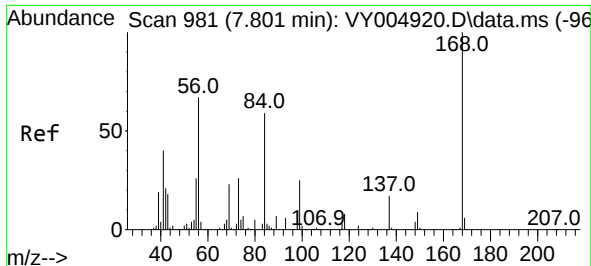
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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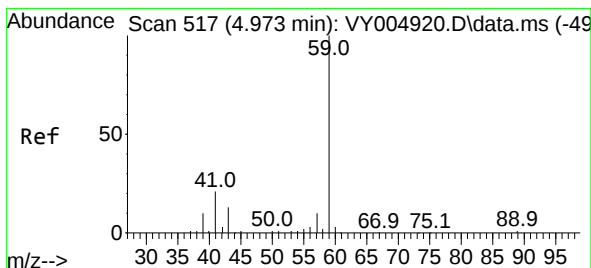
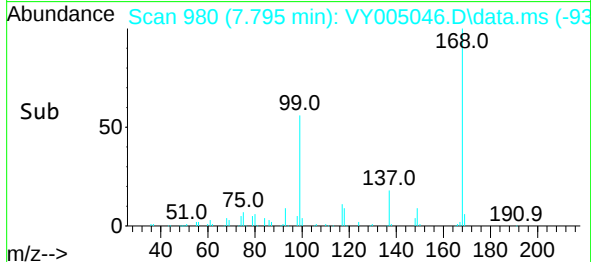
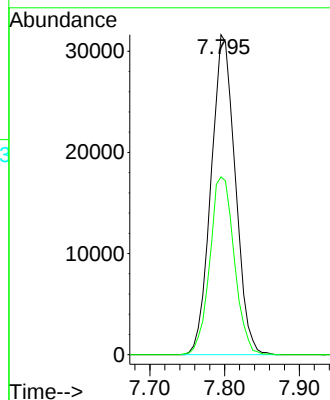
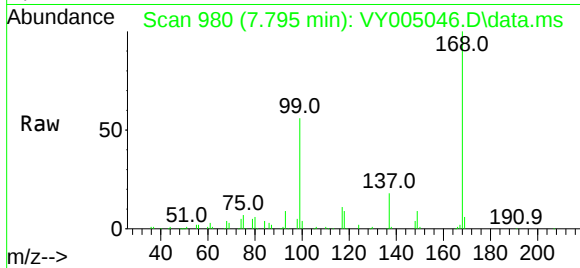




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

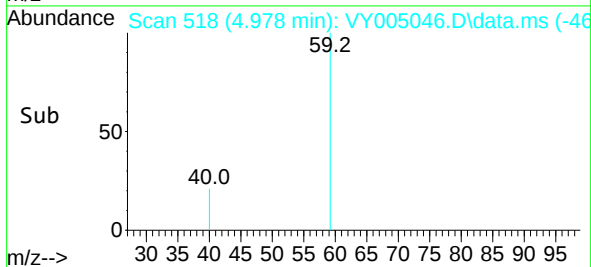
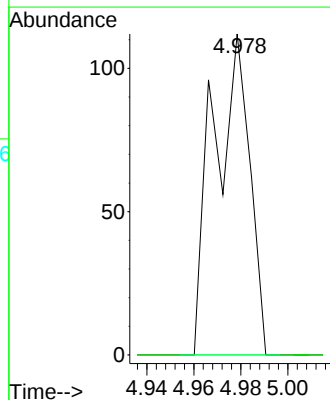
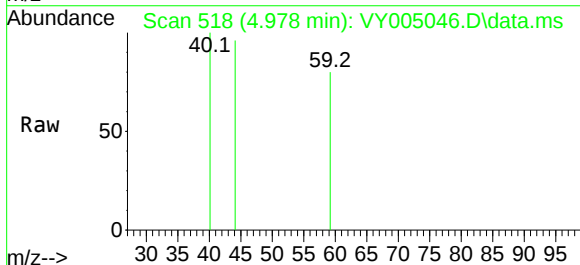
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion:168 Resp: 71190
Ion Ratio Lower Upper
168 100
99 55.6 43.9 65.9



#11
Tert butyl alcohol
Concen: 1.375 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.005 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

Tgt Ion: 59 Resp: 119
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

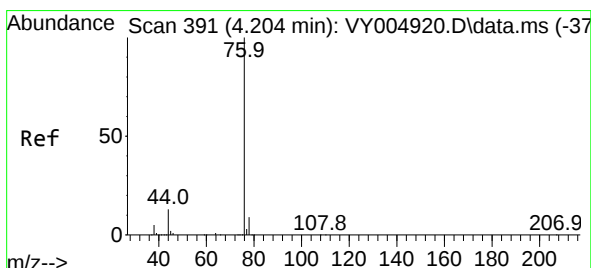
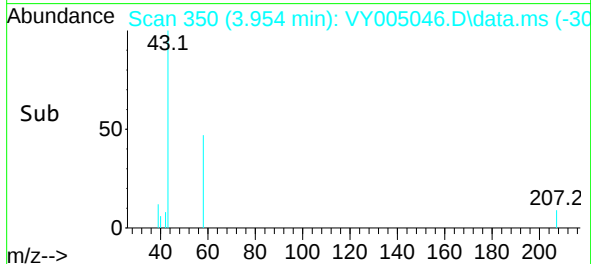
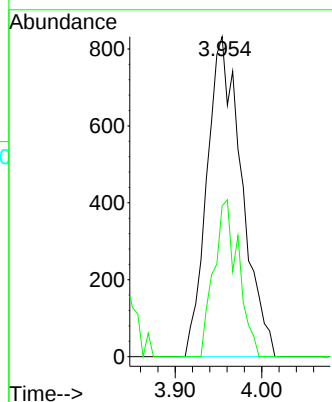
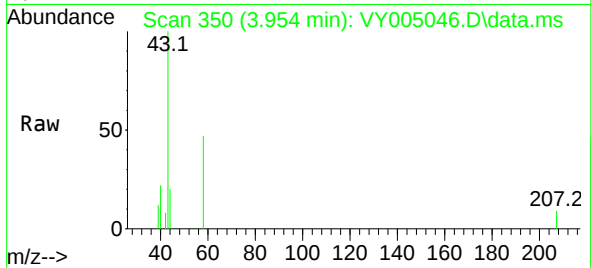




#16
Acetone
Concen: 12.750 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

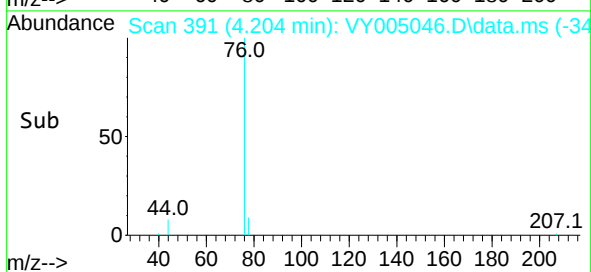
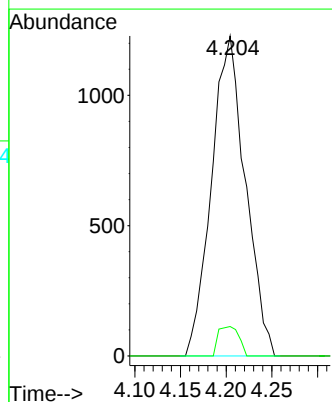
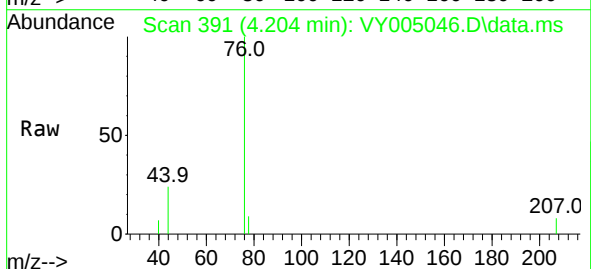
Instrument :
MSVOA_Y
ClientSampled :

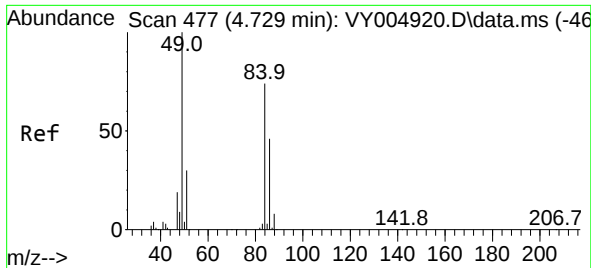
Tgt Ion: 43 Resp: 2310
Ion Ratio Lower Upper
43 100
58 47.1 25.3 37.9#



#17
Carbon Disulfide
Concen: 1.408 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

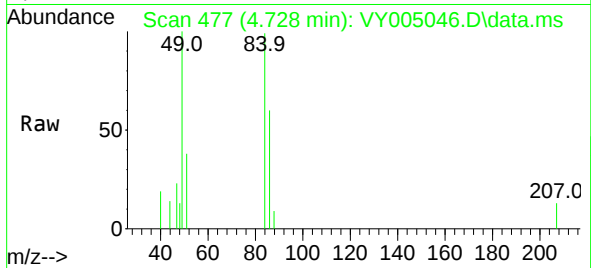
Tgt Ion: 76 Resp: 3167
Ion Ratio Lower Upper
76 100
78 9.2 7.6 11.4





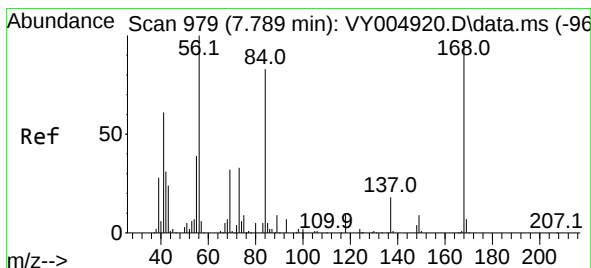
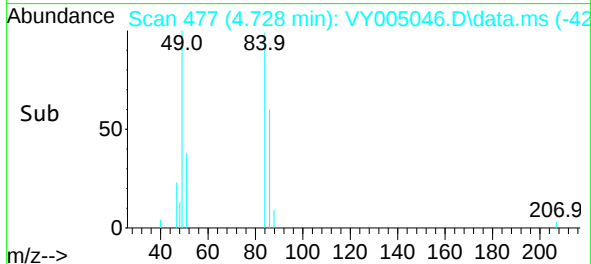
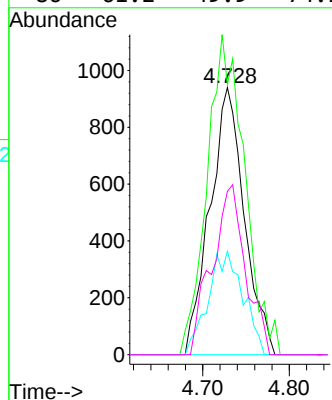
#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

Instrument :
MSVOA_Y
ClientSampled :

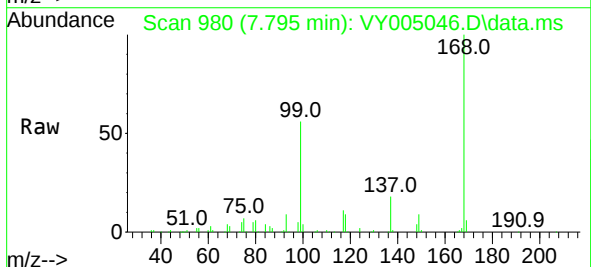


Tgt Ion: 84 Resp: 2591

Ion	Ratio	Lower	Upper
84	100		
49	101.2	108.0	162.0#
51	38.7	32.6	48.8
86	61.2	49.9	74.9

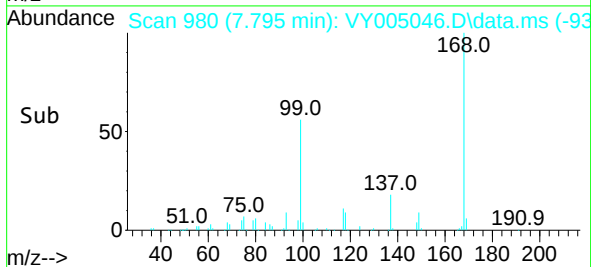
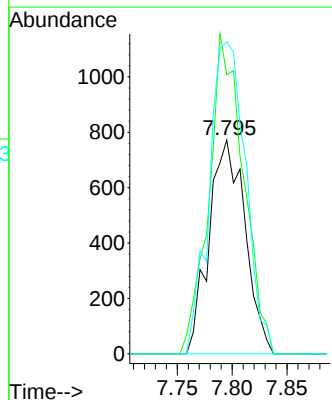


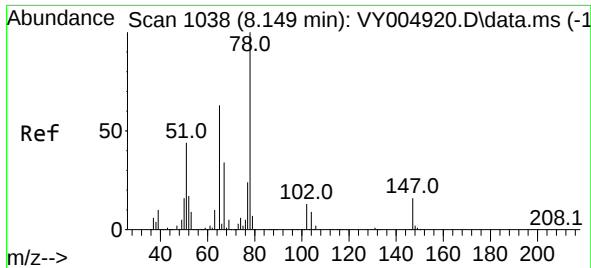
#31
Cyclohexane
Concen: 1.331 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09



Tgt Ion: 56 Resp: 1763

Ion	Ratio	Lower	Upper
56	100		
69	130.4	25.3	37.9#
84	145.9	66.2	99.4#

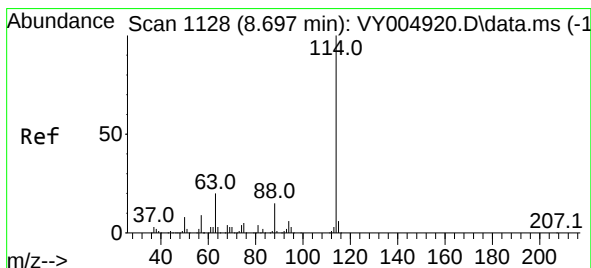
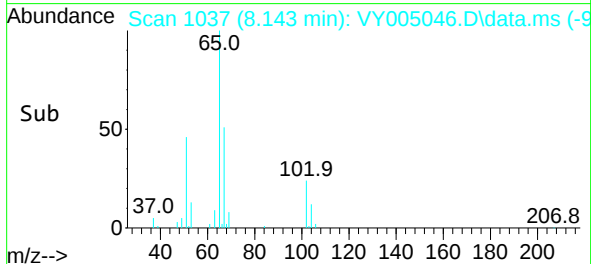
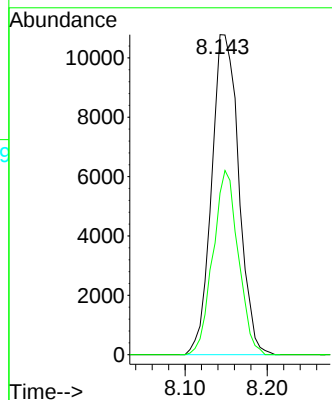
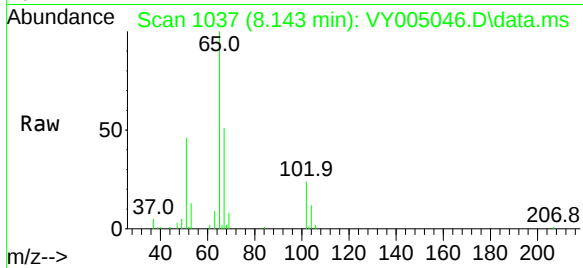




#33
 1,2-Dichloroethane-d4
 Concen: 32.837 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. -0.006 min
 Lab File: VY005046.D
 Acq: 09 Jun 2021 15:09

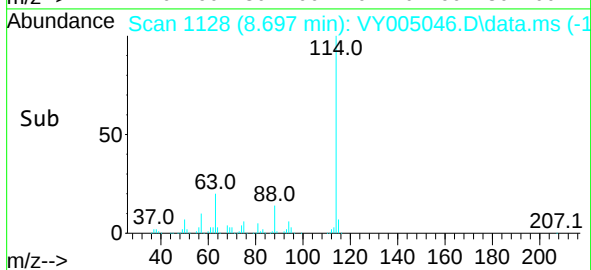
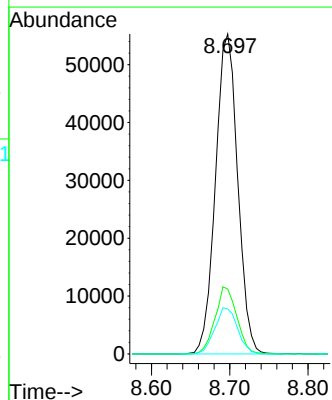
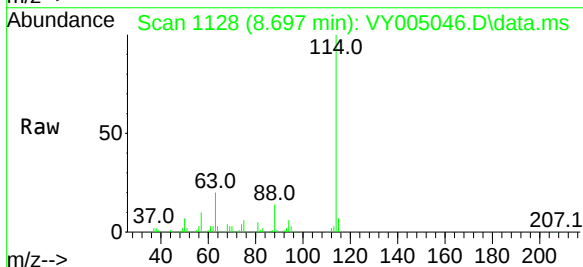
Instrument :
 MSVOA_Y
 ClientSampled :

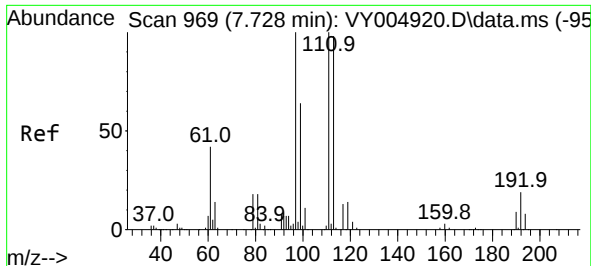
Tgt Ion: 65 Resp: 24713
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005046.D
 Acq: 09 Jun 2021 15:09

Tgt Ion: 114 Resp: 108983
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.0
 88 14.0 0.0 30.6

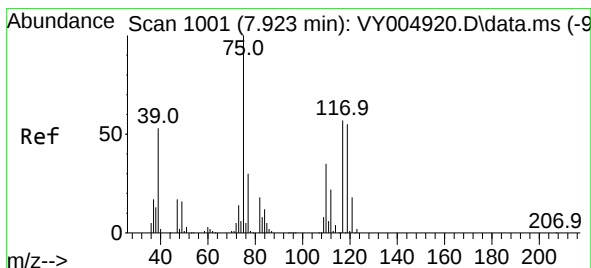
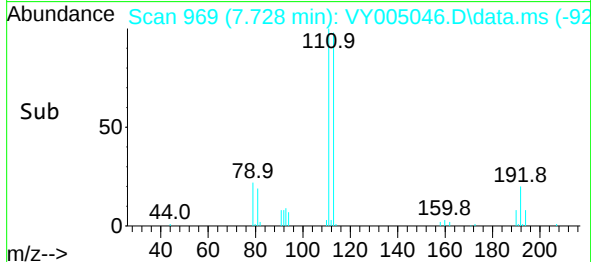
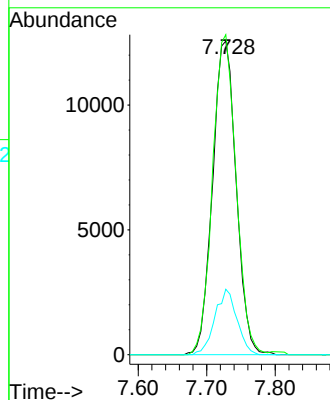
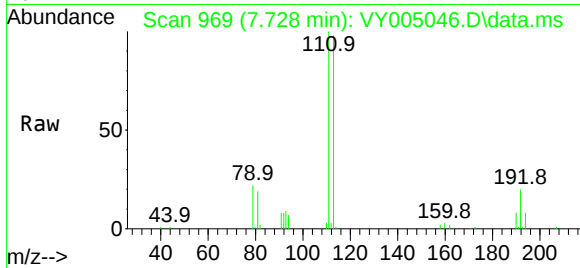




#35
Dibromofluoromethane
Concen: 51.269 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

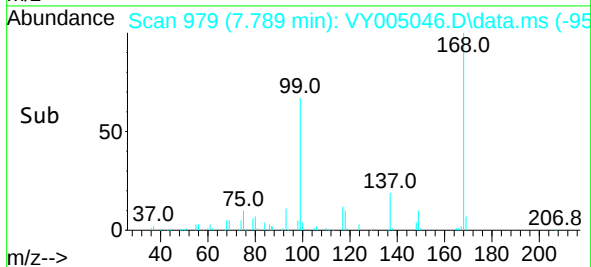
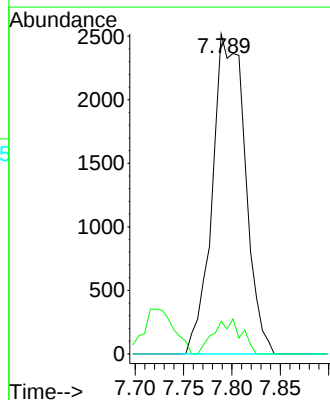
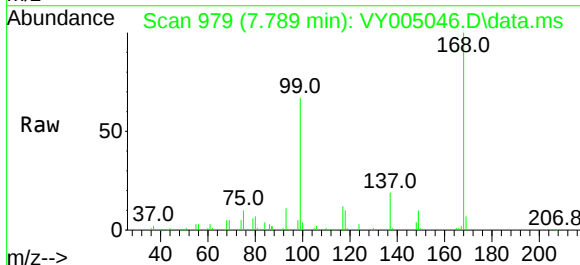
Instrument :
MSVOA_Y
ClientSampleId :

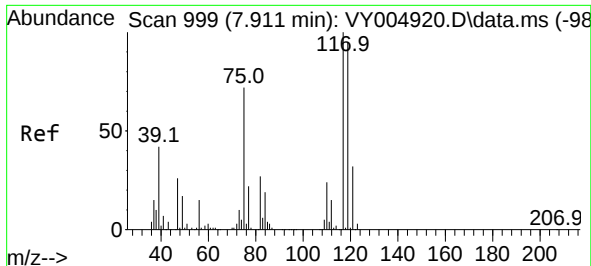
Tgt Ion:	113	Resp:	30061
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.8	122.8
192	19.5	15.3	22.9



#36
1,1-Dichloropropene
Concen: 5.557 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

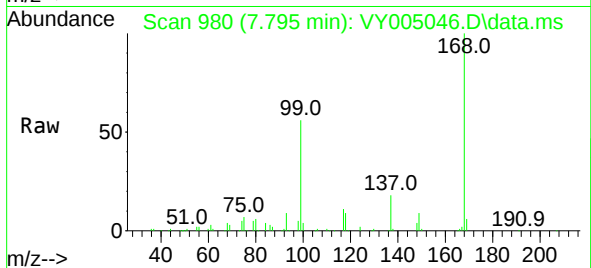
Tgt Ion:	75	Resp:	5927
Ion	Ratio	Lower	Upper
75	100		
110	9.2	17.5	52.5#
77	0.0	25.1	37.7#



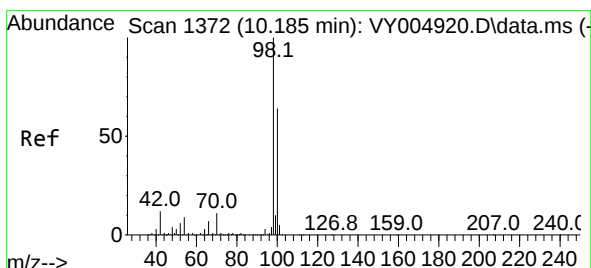
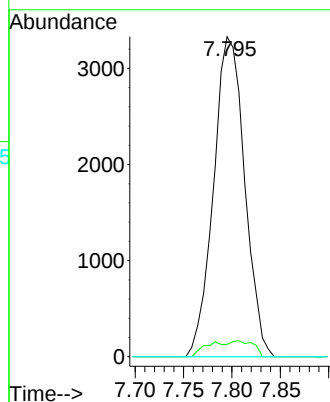
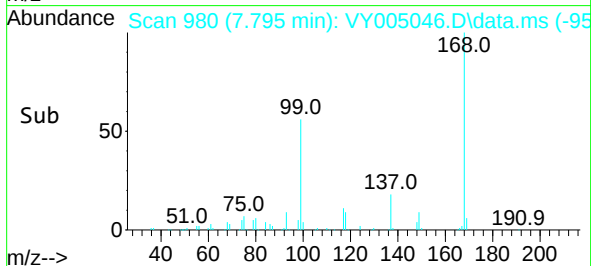


#38
Carbon Tetrachloride
Concen: 8.027 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

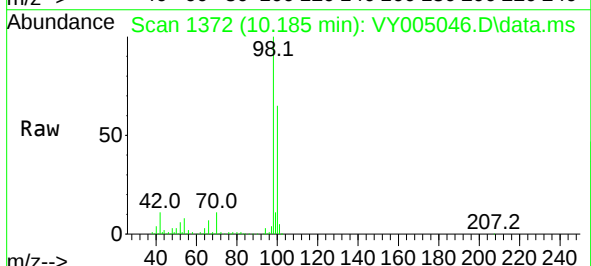
Instrument :
MSVOA_Y
ClientSampleId :



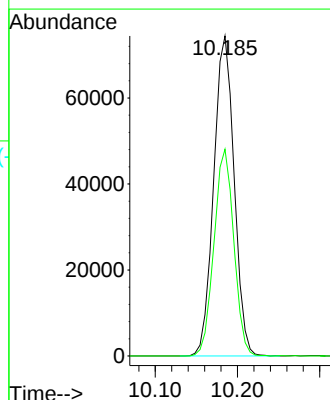
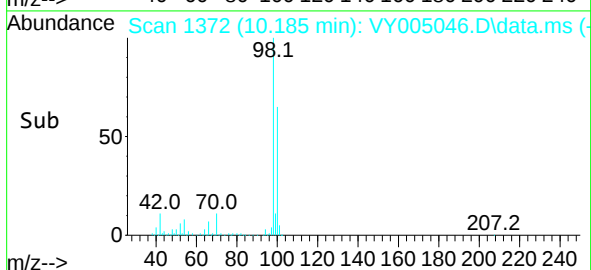
Tgt Ion:117 Resp: 7451
Ion Ratio Lower Upper
117 100
119 3.8 76.1 114.1#
121 0.0 25.5 38.3#

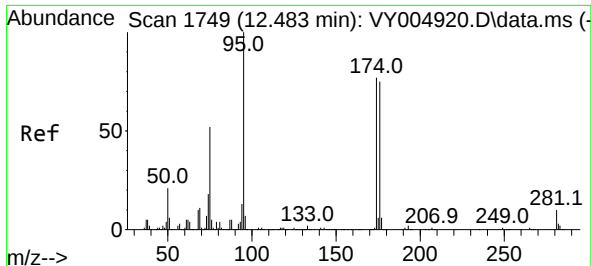


#50
Toluene-d8
Concen: 52.672 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09



Tgt Ion: 98 Resp: 128264
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.6

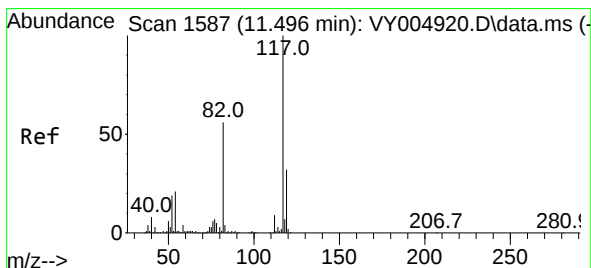
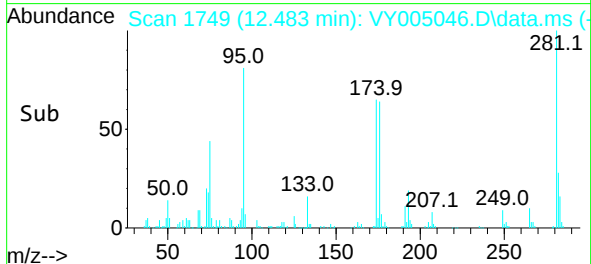
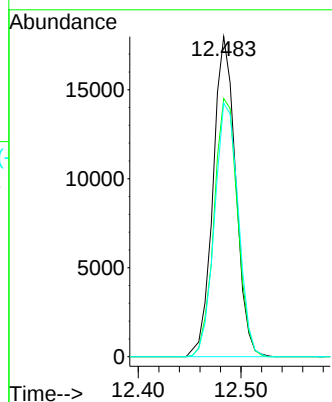
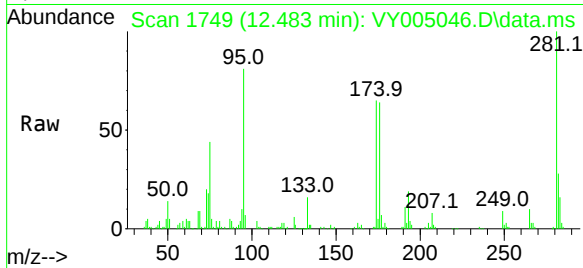




#62
4-Bromofluorobenzene
Concen: 32.756 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

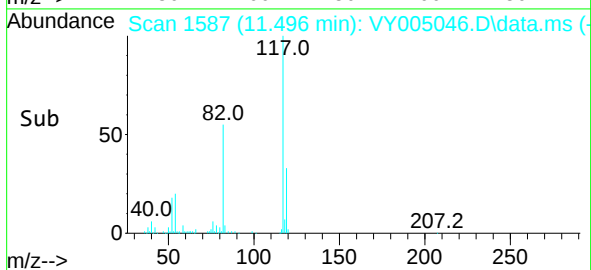
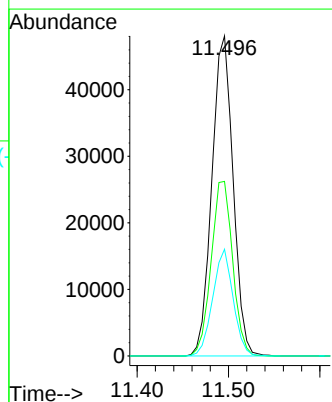
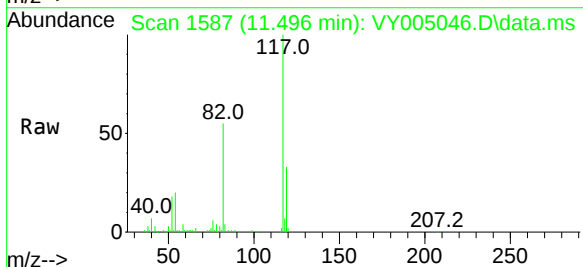
Instrument :
MSVOA_Y
ClientSampleId :

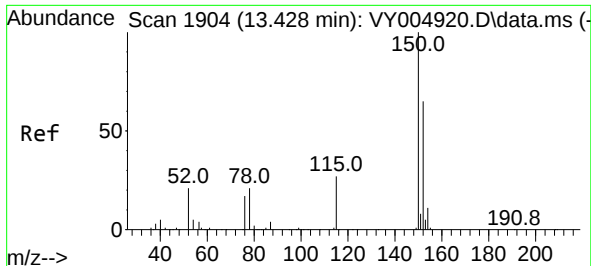
Tgt Ion: 95	Resp: 27433
Ion Ratio	Lower Upper
95 100	
174 83.8	0.0 160.8
176 83.3	0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

Tgt Ion: 117	Resp: 77423
Ion Ratio	Lower Upper
117 100	
82 54.5	44.8 67.2
119 33.4	25.2 37.8

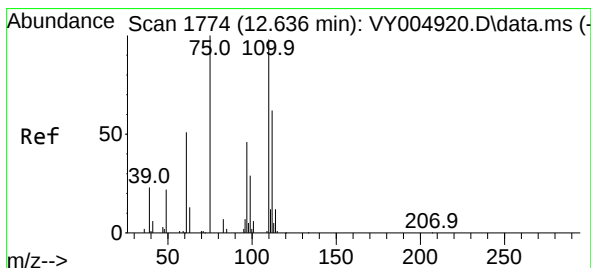
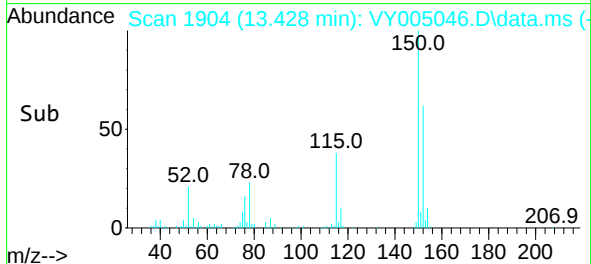
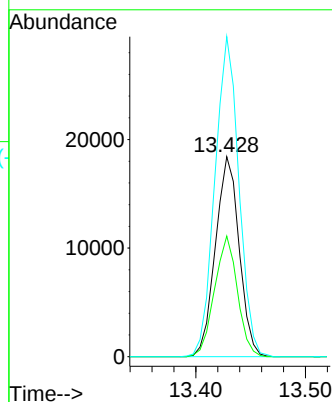
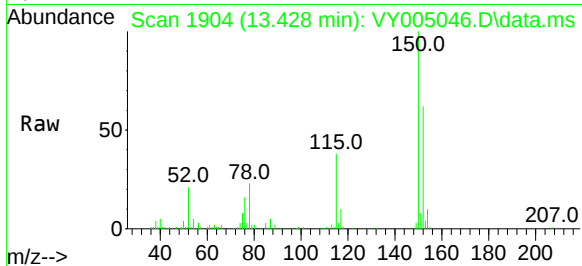




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005046.D
 Acq: 09 Jun 2021 15:09

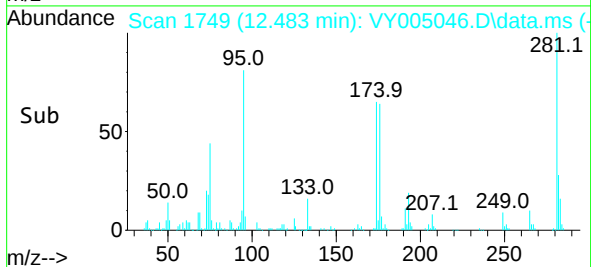
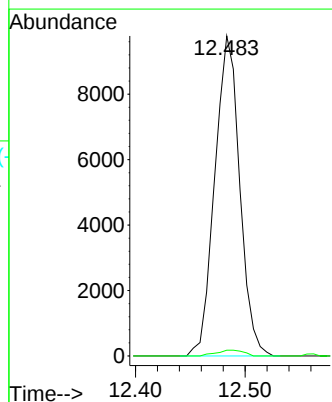
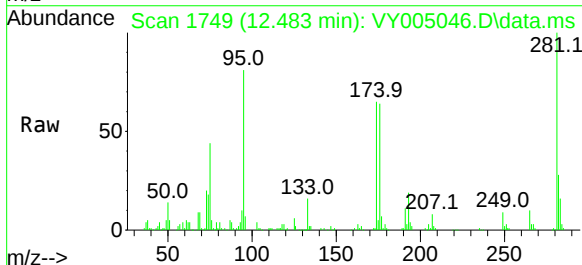
Instrument :
 MSVOA_Y
 ClientSampled :

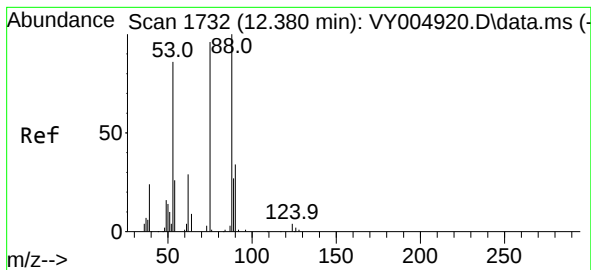
Tgt Ion:152 Resp: 27689
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.9 89.7
 150 161.6 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 50.932 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005046.D
 Acq: 09 Jun 2021 15:09

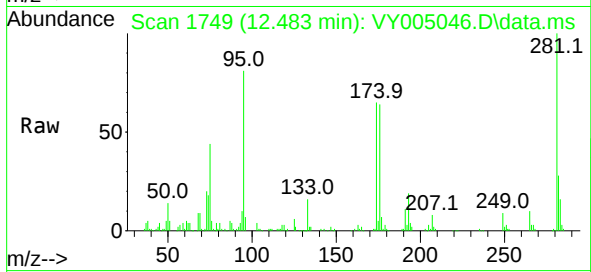
Tgt Ion: 75 Resp: 15459
 Ion Ratio Lower Upper
 75 100
 77 2.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 93.601 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY005046.D
Acq: 09 Jun 2021 15:09

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 15459
Ion Ratio Lower Upper
75 100
53 0.0 69.3 103.9#
89 2.7 35.0 52.6#

