

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005165.D
 Acq On : 17 Jun 2021 18:29
 Operator : SY/MD
 Sample : M2748-12
 Misc : 5.21G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:04:30 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)

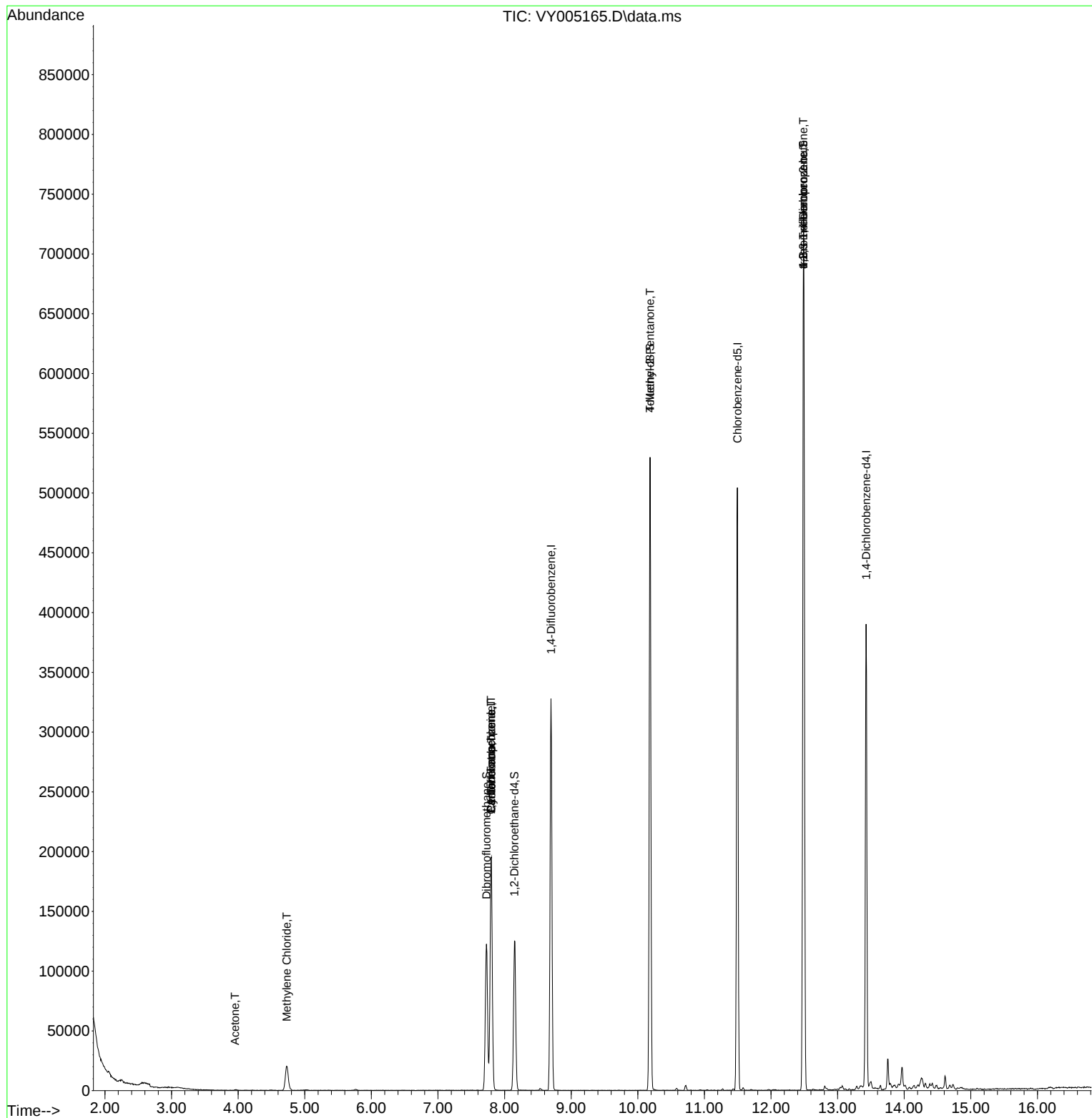
Internal Standards						
1) Pentafluorobenzene	7.801	168	152627	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	279658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	273163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101834	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100559	68.141	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 136.280%		
35) Dibromofluoromethane	7.728	113	86765	72.368	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 144.740%		
50) Toluene-d8	10.185	98	342025	57.407	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 114.820%		
62) 4-Bromofluorobenzene	12.483	95	120353	60.063	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 120.120%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	539	Below Cal	#	74
16) Acetone	3.954	43	1060	3.531	ug/l	93
20) Methylene Chloride	4.729	84	15978	3.315	ug/l	91
31) Cyclohexane	7.801	56	3005	1.197	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11632	4.542	ug/l #	50
38) Carbon Tetrachloride	7.795	117	15235	5.603	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	1513	1.237	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	68752	75.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	68752	140.710	ug/l #	12

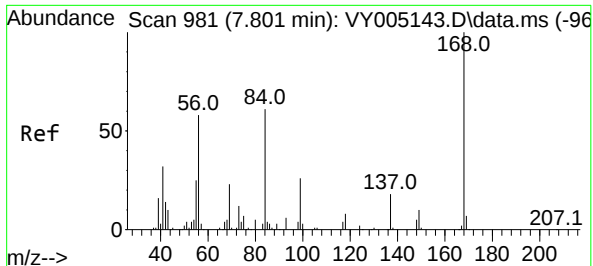
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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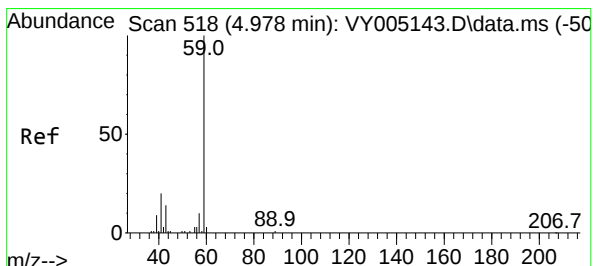
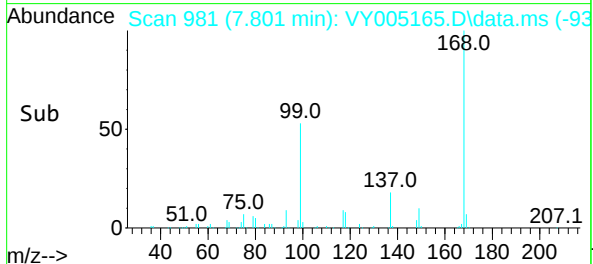
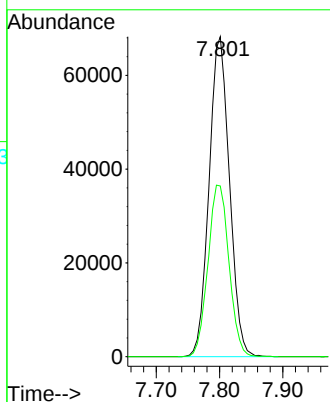
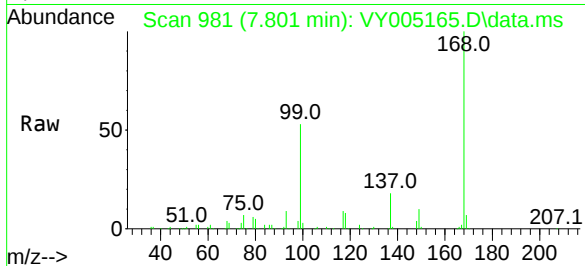




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

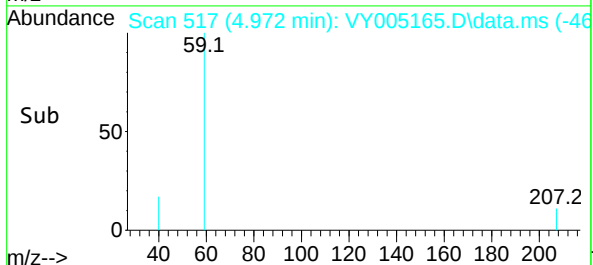
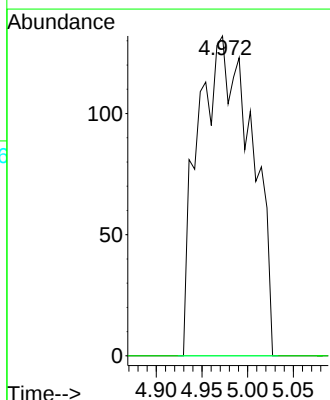
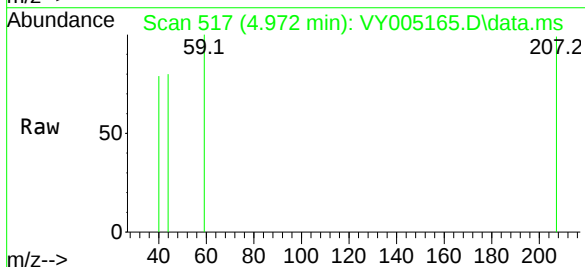
Instrument :
MSVOA_Y
ClientSampled :

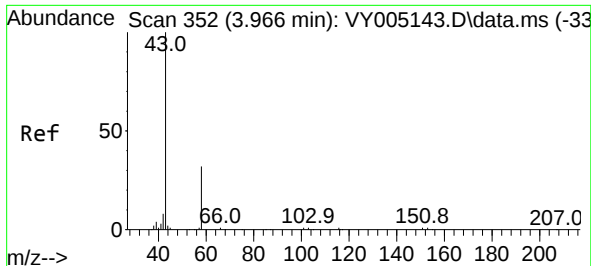
Tgt Ion:168 Resp: 152627
Ion Ratio Lower Upper
168 100
99 53.4 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

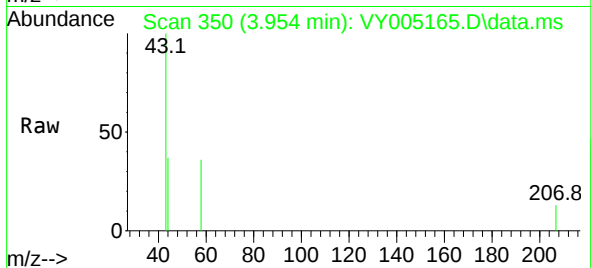
Tgt Ion: 59 Resp: 539
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



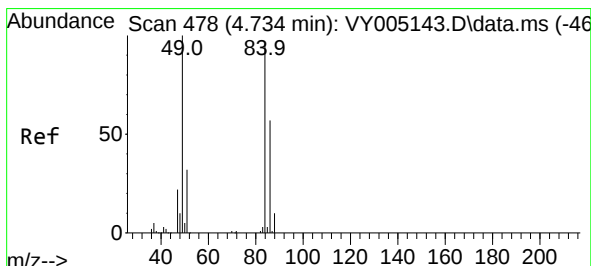
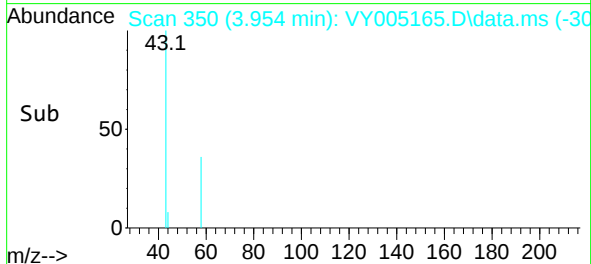
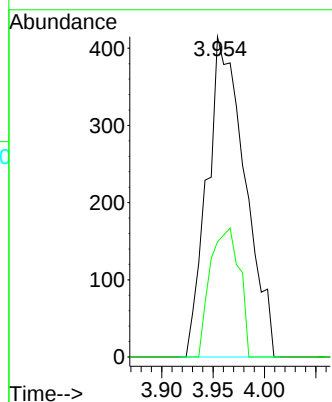


#16
Acetone
Concen: 3.531 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.012 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

Instrument :
MSVOA_Y
ClientSampled :

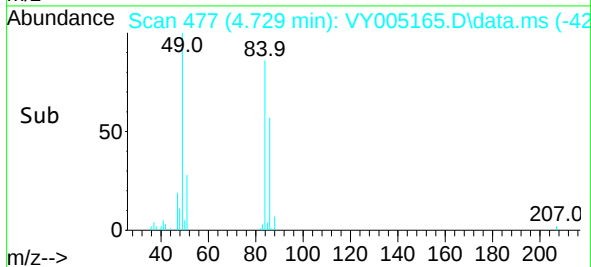
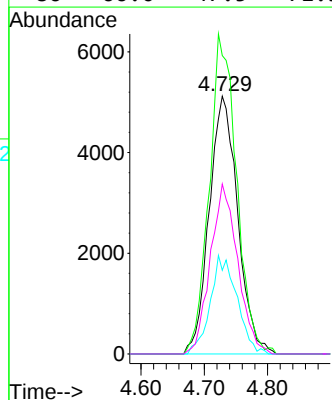
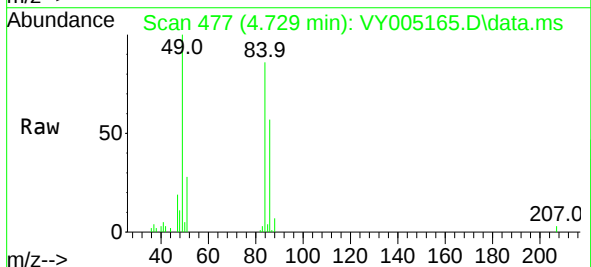


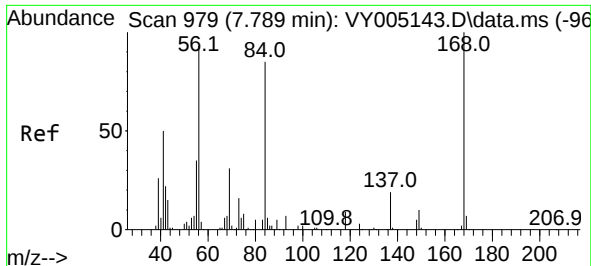
Tgt Ion: 43 Resp: 1060
Ion Ratio Lower Upper
43 100
58 35.9 25.6 38.4



#20
Methylene Chloride
Concen: 3.315 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.005 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

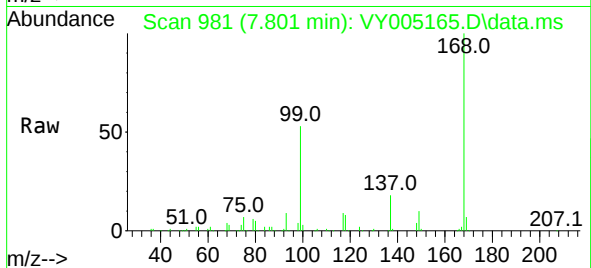
Tgt Ion: 84 Resp: 15978
Ion Ratio Lower Upper
84 100
49 115.8 83.4 125.2
51 32.5 26.8 40.2
86 66.0 47.5 71.3



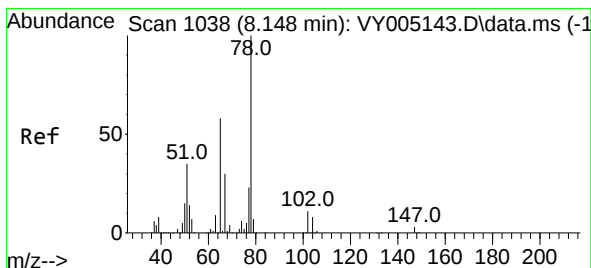
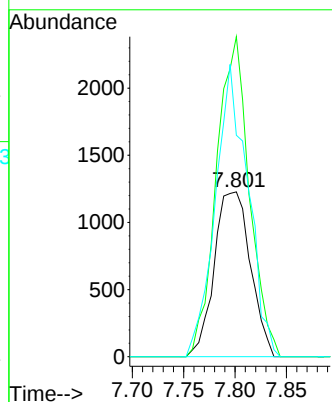
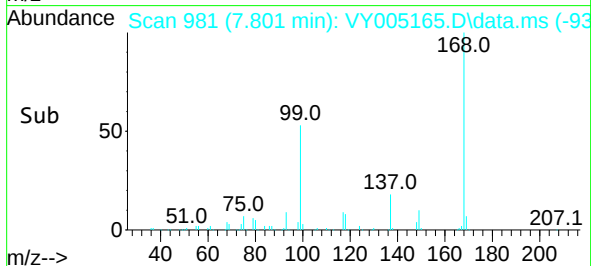


#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

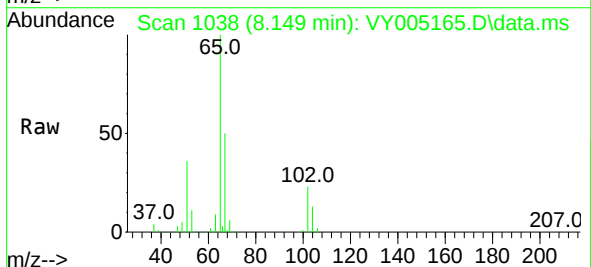
Instrument :
MSVOA_Y
ClientSampled :



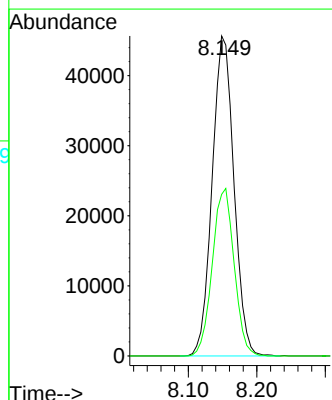
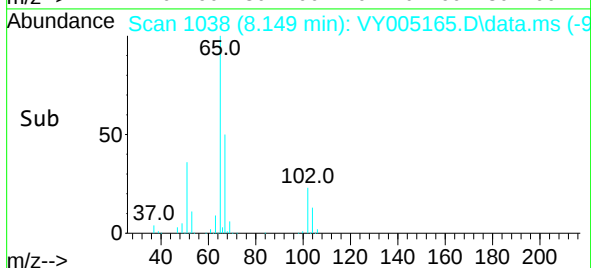
Tgt Ion: 56 Resp: 3005
Ion Ratio Lower Upper
56 100
69 194.1 26.3 39.5#
84 134.3 73.2 109.8#

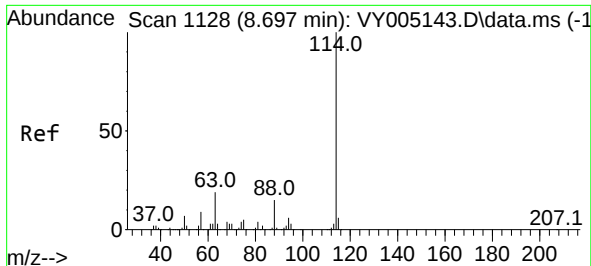


#33
1,2-Dichloroethane-d4
Concen: 68.141 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29



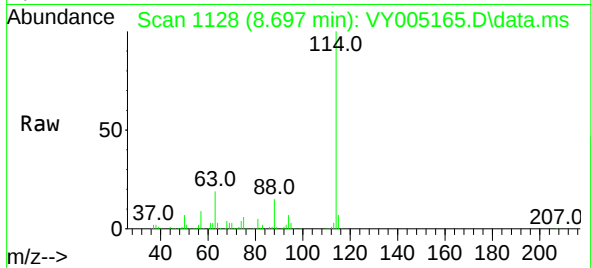
Tgt Ion: 65 Resp: 100559
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



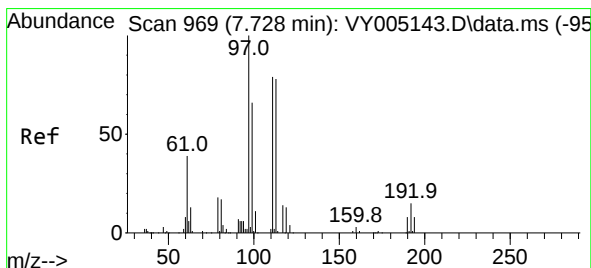
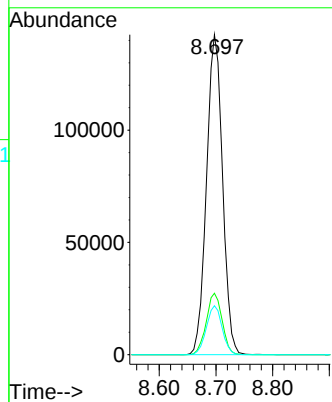
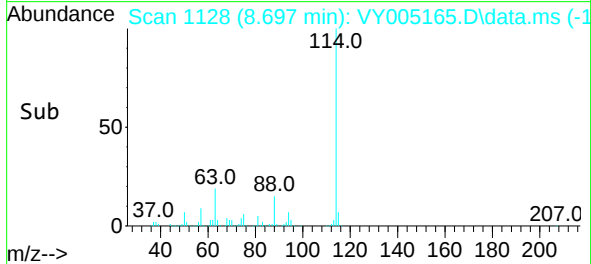


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

Instrument :
MSVOA_Y
ClientSampleId :

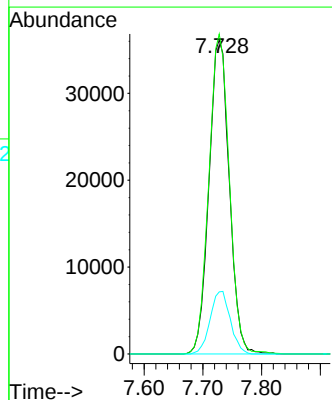
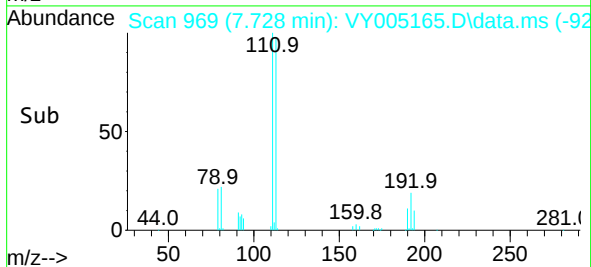
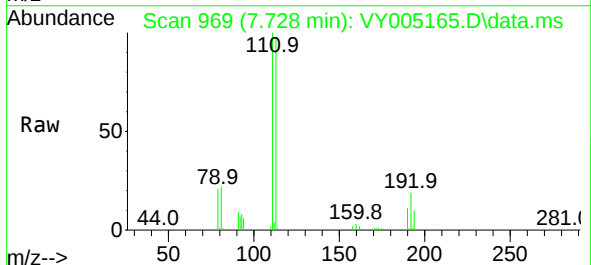


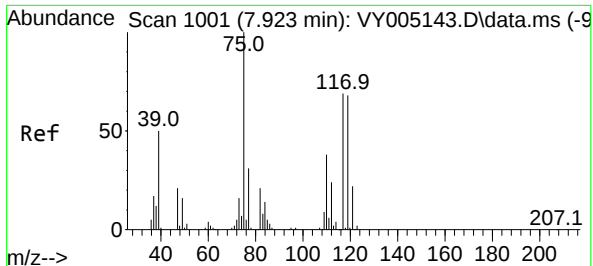
Tgt Ion:114 Resp: 279658
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.6
88 15.3 0.0 29.6



#35
Dibromofluoromethane
Concen: 72.368 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

Tgt Ion:113 Resp: 86765
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 19.8 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.542 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005165.D

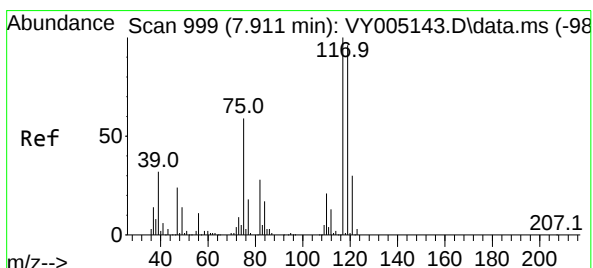
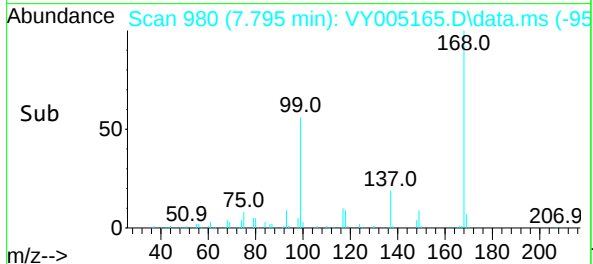
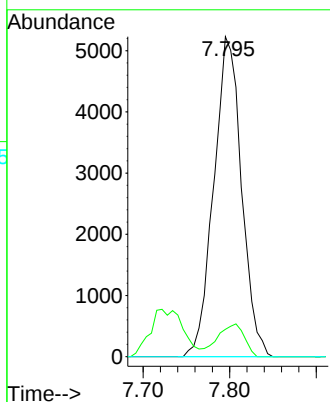
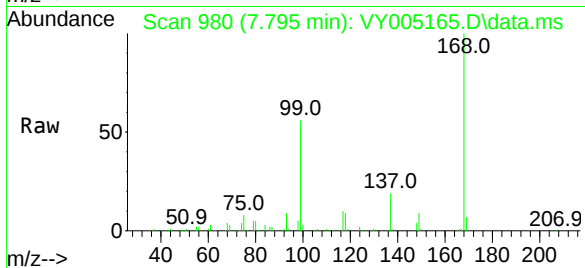
Acq: 17 Jun 2021 18:29

Instrument :

MSVOA_Y

ClientSampled :

Tgt Ion:	75	Resp:	11632
Ion	Ratio	Lower	Upper
75	100		
110	10.0	18.8	56.3#
77	0.0	24.6	36.8#



#38

Carbon Tetrachloride

Concen: 5.603 ug/l

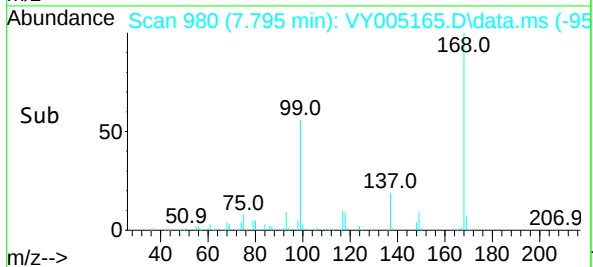
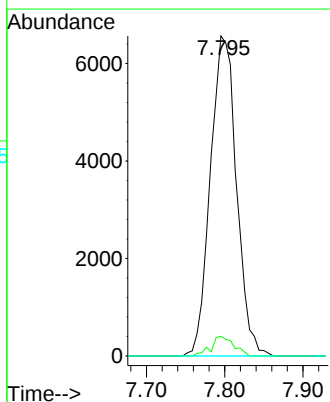
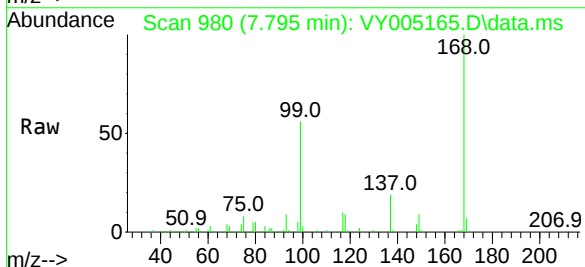
RT: 7.795 min Scan# 980

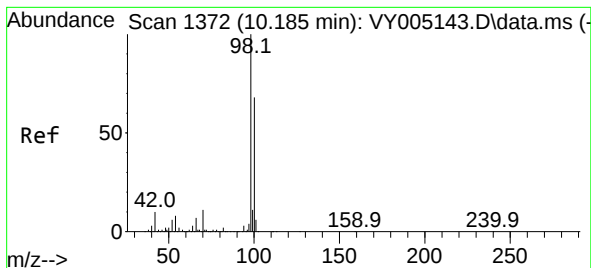
Delta R.T. -0.116 min

Lab File: VY005165.D

Acq: 17 Jun 2021 18:29

Tgt Ion:	117	Resp:	15235
Ion	Ratio	Lower	Upper
117	100		
119	6.1	76.9	115.3#
121	0.0	24.2	36.4#

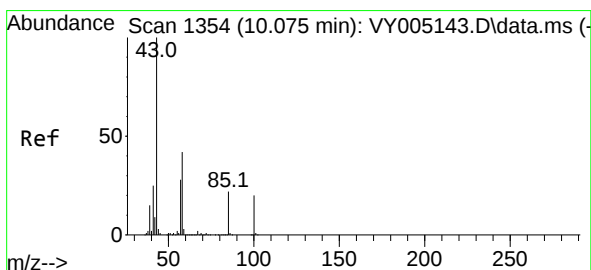
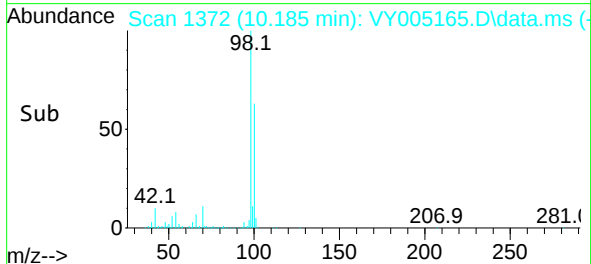
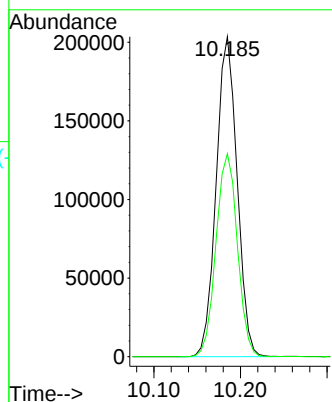
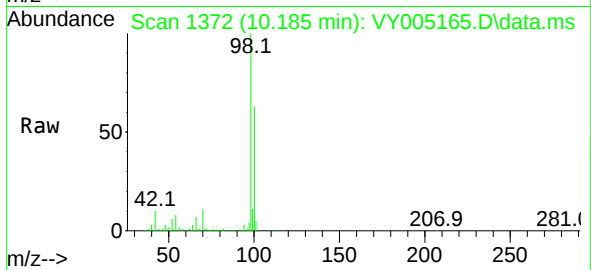




#50
Toluene-d8
Concen: 57.407 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

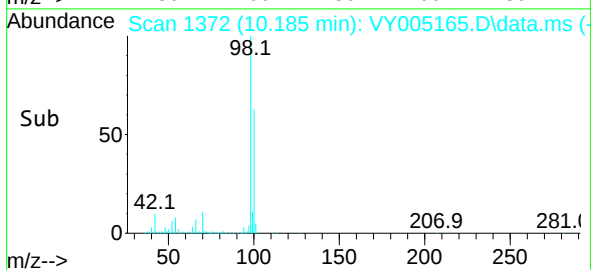
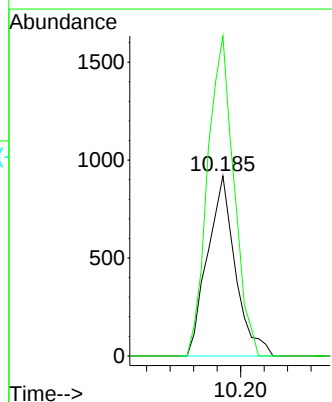
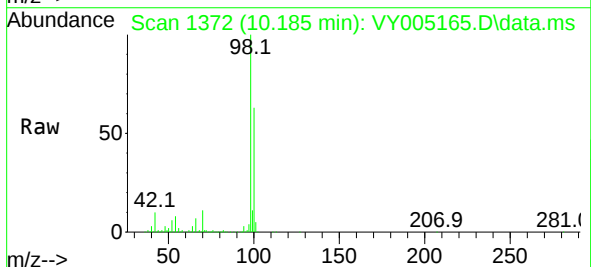
Instrument :
MSVOA_Y
ClientSampled :

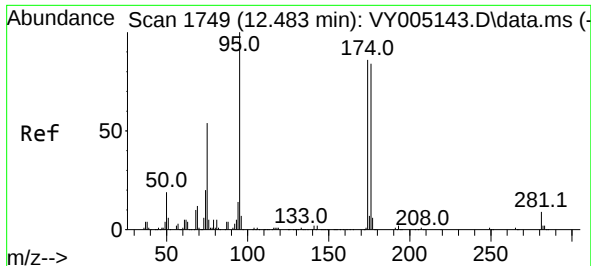
Tgt Ion: 98 Resp: 342025
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.237 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

Tgt Ion: 43 Resp: 1513
Ion Ratio Lower Upper
43 100
58 167.8 33.0 49.4#

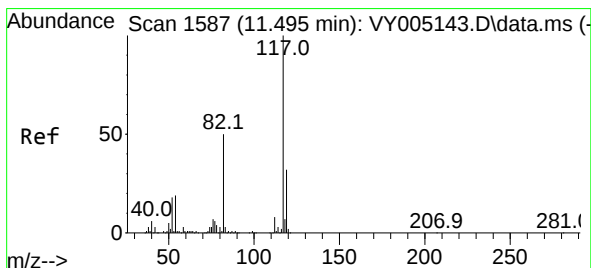
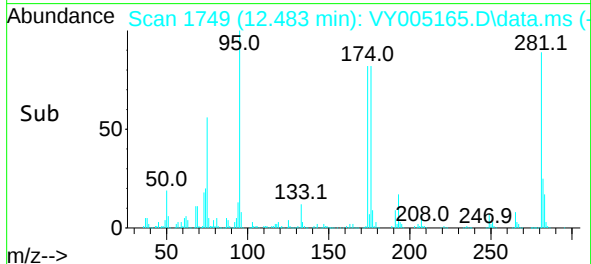
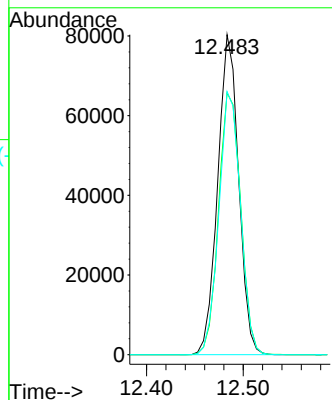
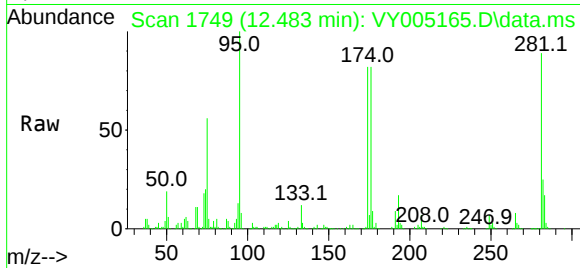




#62
4-Bromofluorobenzene
Concen: 60.063 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

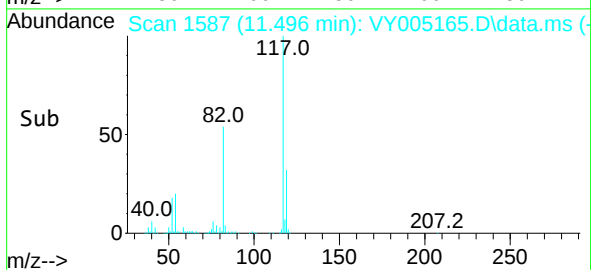
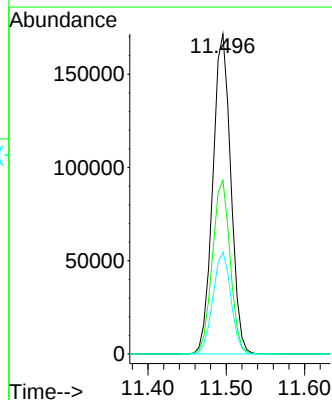
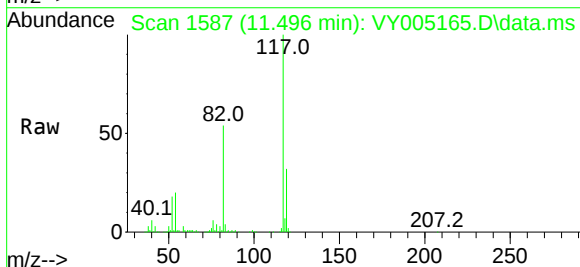
Instrument :
MSVOA_Y
ClientSampleId :

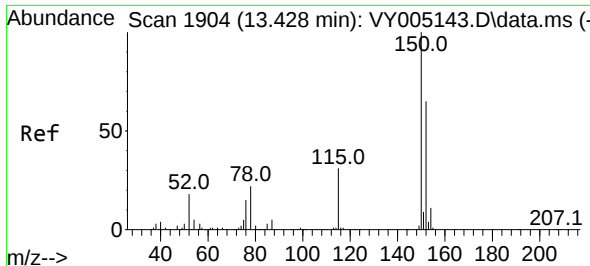
Tgt Ion: 95 Resp: 120353
Ion Ratio Lower Upper
95 100
174 86.2 0.0 179.2
176 85.0 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

Tgt Ion: 117 Resp: 273163
Ion Ratio Lower Upper
117 100
82 54.2 39.8 59.6
119 31.9 25.9 38.9

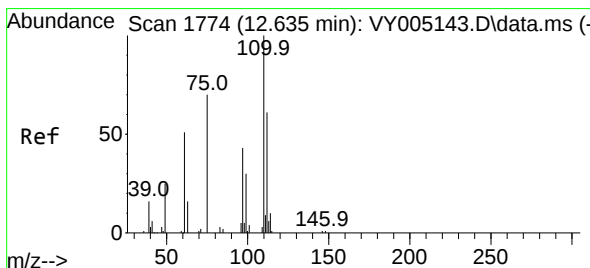
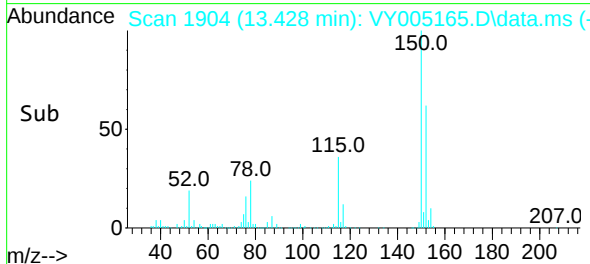
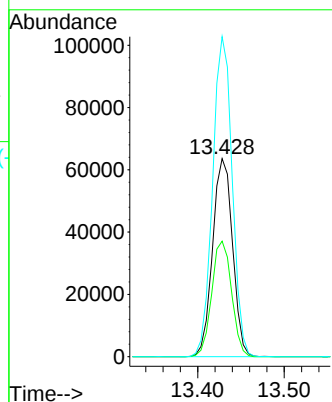
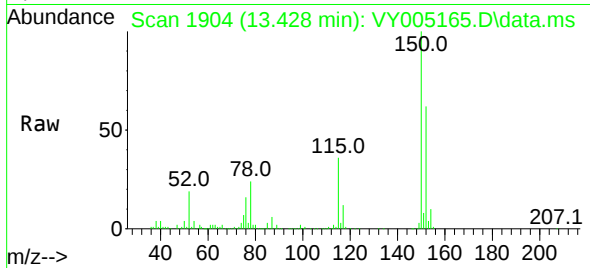




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

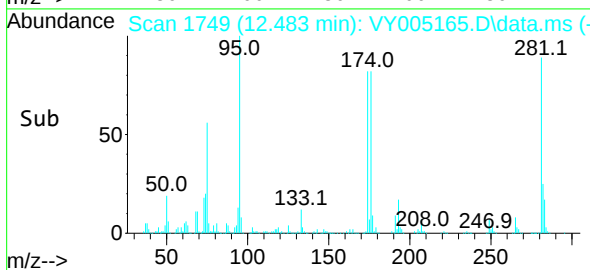
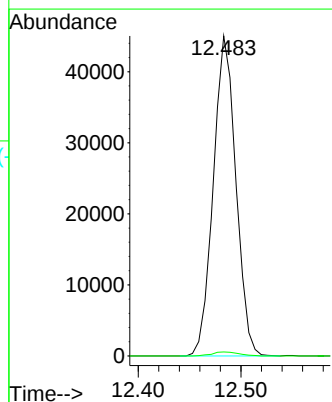
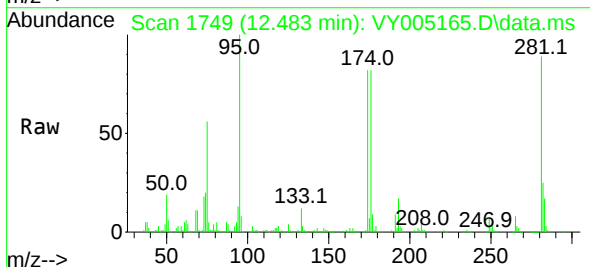
Instrument :
MSVOA_Y
ClientSampled :

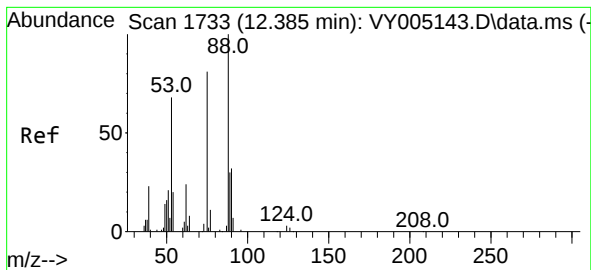
Tgt Ion:152 Resp: 101834
Ion Ratio Lower Upper
152 100
115 58.0 29.5 88.6
150 158.0 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 75.425 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

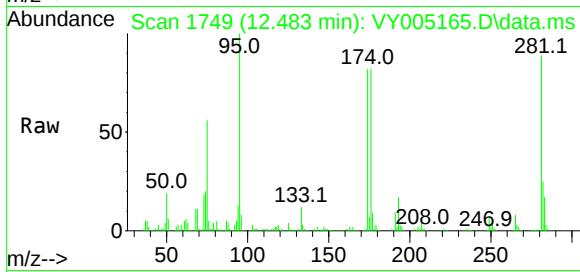
Tgt Ion: 75 Resp: 68752
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.710 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005165.D
Acq: 17 Jun 2021 18:29

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 68752
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 1.8 44.1 66.1#

