

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032421\
 Data File : VY004177.D
 Acq On : 24 Mar 2021 10:42
 Operator : SY/MD
 Sample : VY0324SBL01
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 25 01:16:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

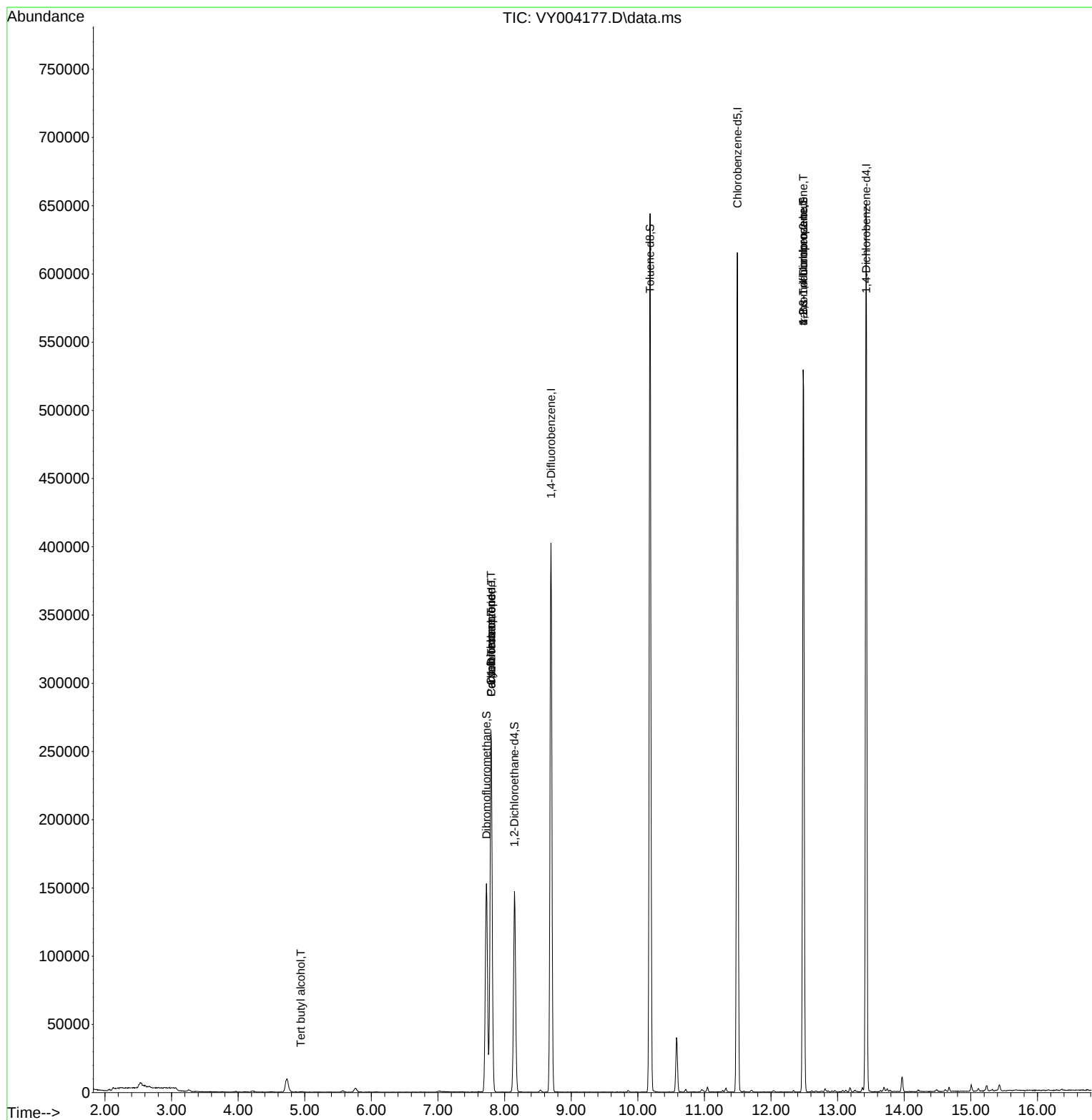
Internal Standards						
1) Pentafluorobenzene	7.801	168	208839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	348430	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	326696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160984	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	112356	54.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.04%
35) Dibromofluoromethane	7.728	113	105522	53.70	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.40%
50) Toluene-d8	10.185	98	412891	53.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.20%
62) 4-Bromofluorobenzene	12.483	95	149840	52.67	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.34%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	77	Below Cal	#	41
3) Chloromethane	2.119	50	875	Below Cal	#	88
11) Tert butyl alcohol	4.942	59	383	2.06	ug/l #	76
20) Methylene Chloride	4.735	84	7831	Below Cal	#	87
31) Cyclohexane	7.795	56	4286	1.19	ug/l #	23
36) 1,1-Dichloropropene	7.795	75	15157	4.95	ug/l #	51
38) Carbon Tetrachloride	7.801	117	20618	6.35	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80691	52.27	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80691	103.17	ug/l #	13

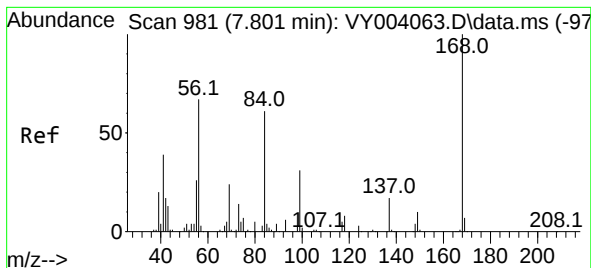
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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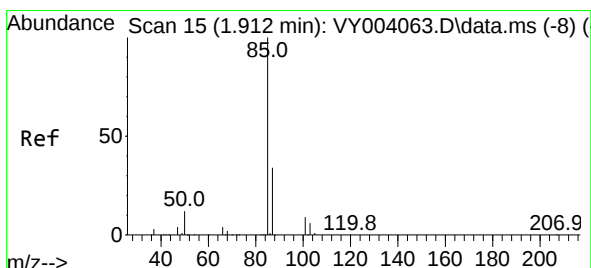
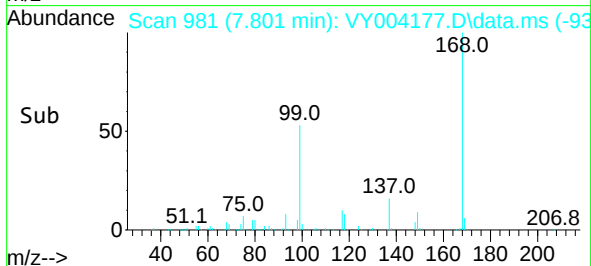
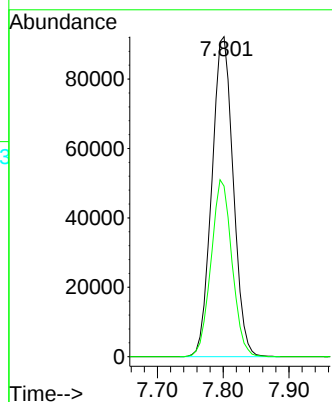
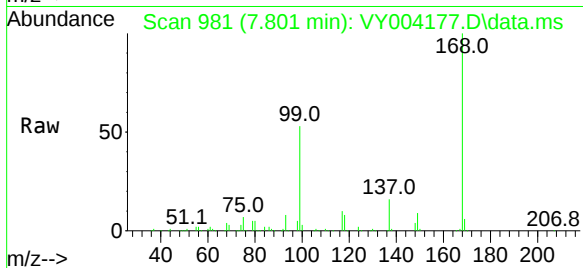




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

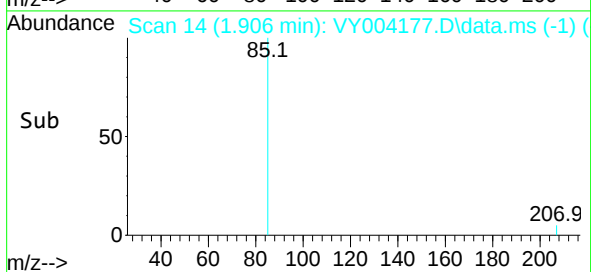
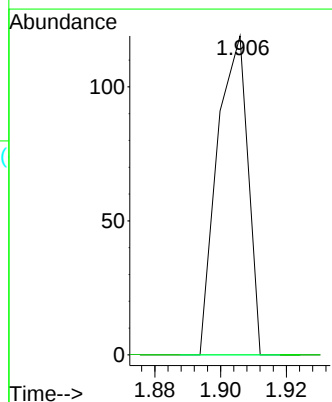
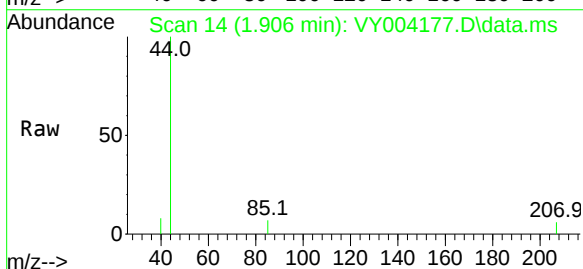
Instrument :
MSVOA_Y
ClientSampled :

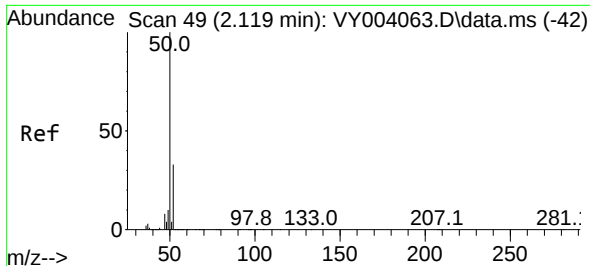
Tgt Ion:168 Resp: 208839
Ion Ratio Lower Upper
168 100
99 53.3 41.2 61.8



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

Tgt Ion: 85 Resp: 77
Ion Ratio Lower Upper
85 100
87 0.0 17.0 51.0#

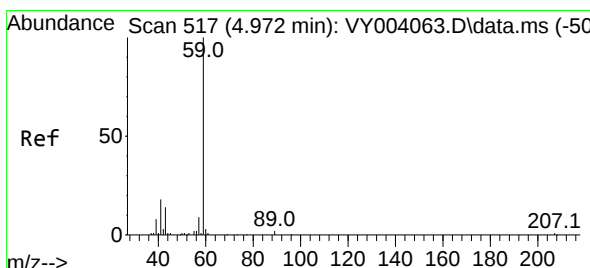
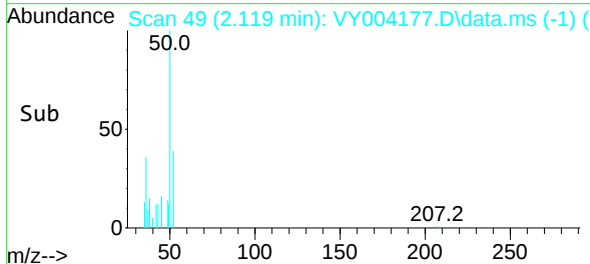
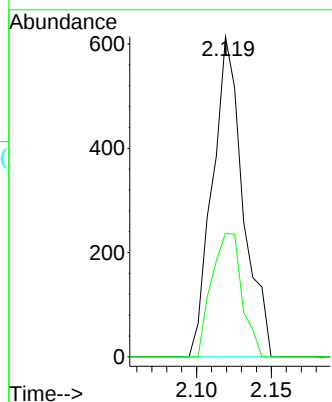
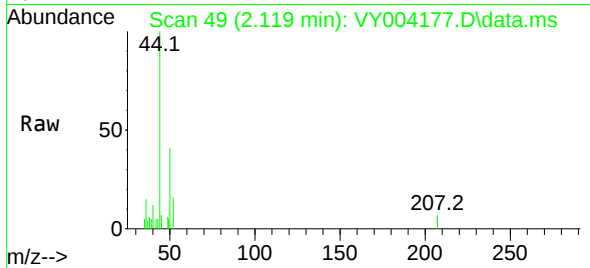




#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

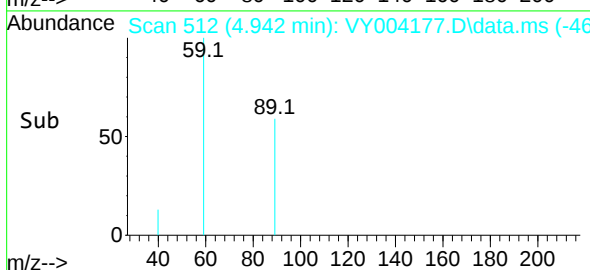
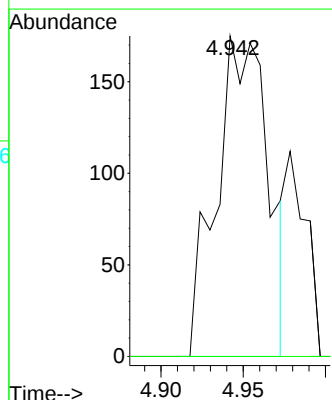
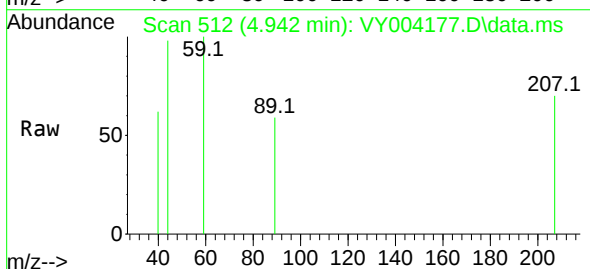
Instrument :
MSVOA_Y
ClientSampled :

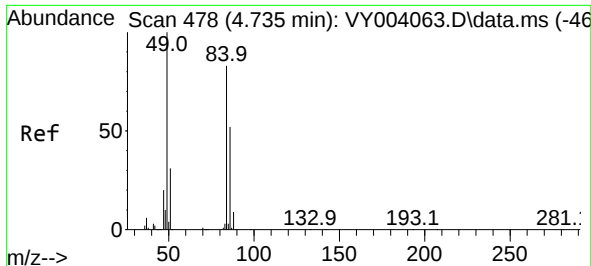
Tgt Ion: 50 Resp: 875
Ion Ratio Lower Upper
50 100
52 38.6 25.4 38.2#



#11
Tert butyl alcohol
Concen: 2.06 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.030 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

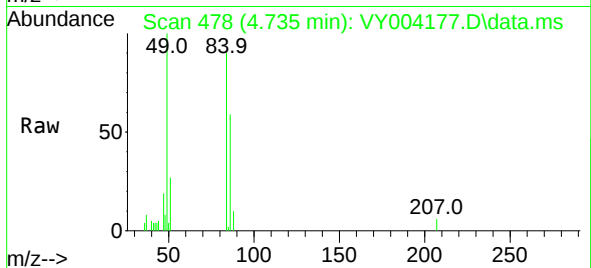
Tgt Ion: 59 Resp: 383
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#





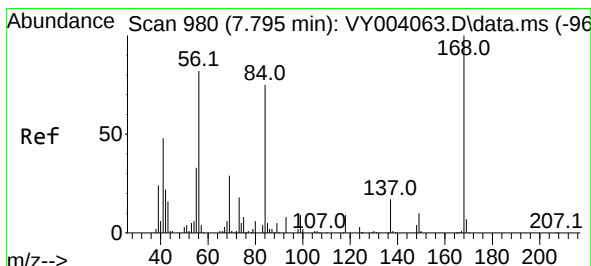
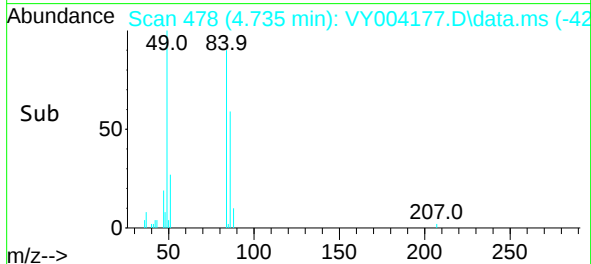
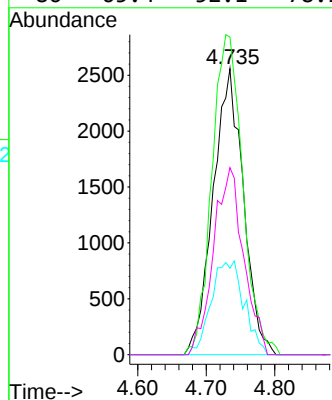
#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 7831

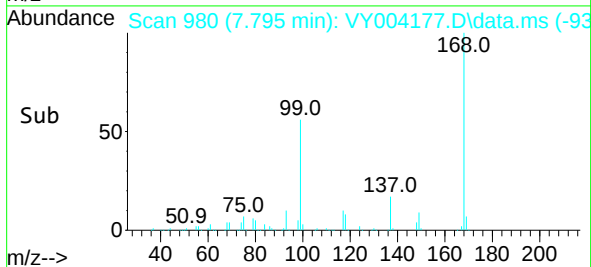
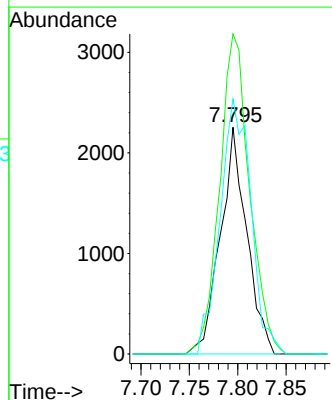
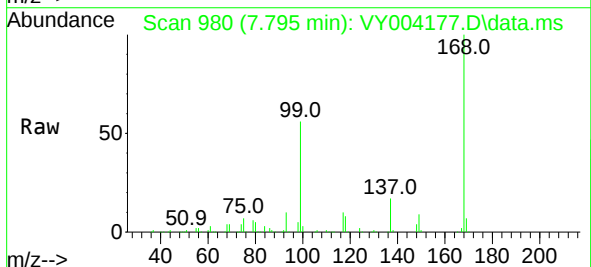
Ion	Ratio	Lower	Upper
84	100		
49	111.1	105.8	158.6
51	30.2	32.6	48.8#
86	65.4	52.1	78.1

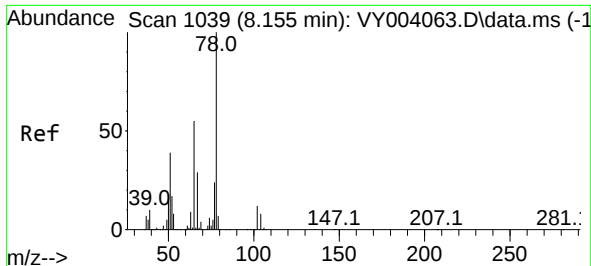


#31
Cyclohexane
Concen: 1.19 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

Tgt Ion: 56 Resp: 4286

Ion	Ratio	Lower	Upper
56	100		
69	141.1	25.3	37.9#
84	112.4	67.3	100.9#

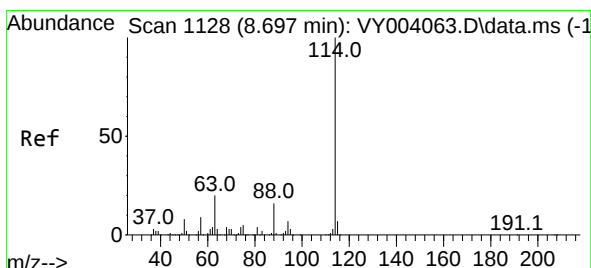
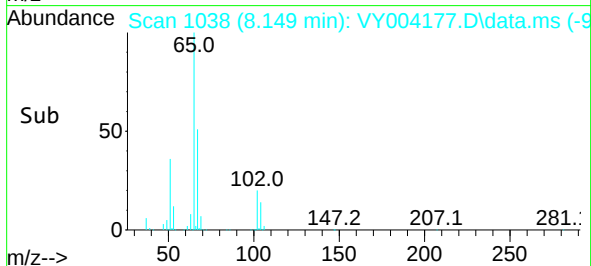
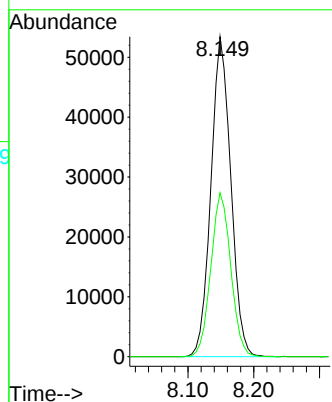
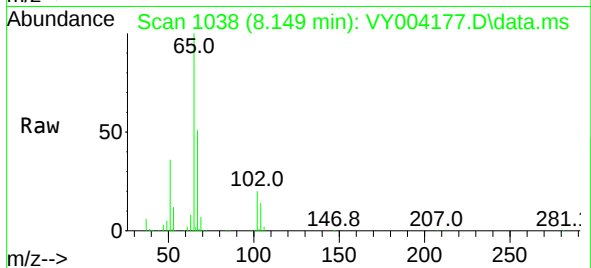




#33
1,2-Dichloroethane-d4
Concen: 54.52 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

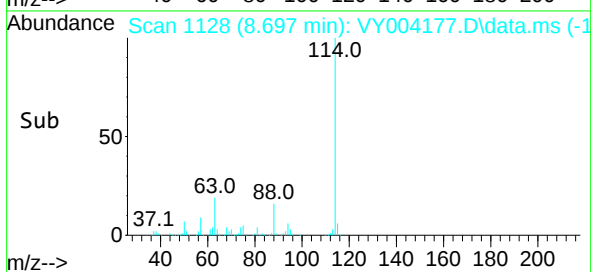
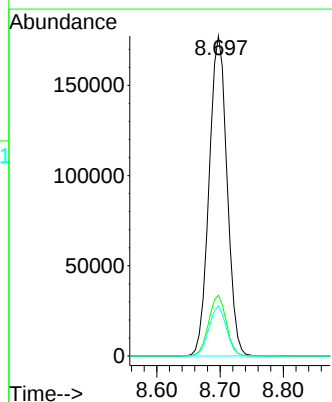
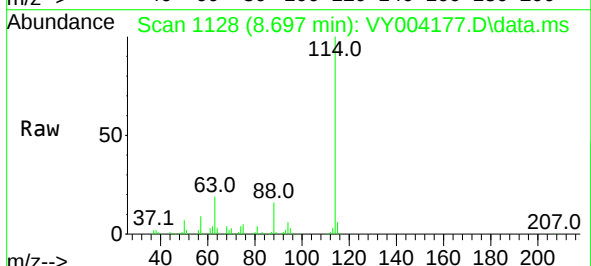
Instrument :
MSVOA_Y
ClientSampled :

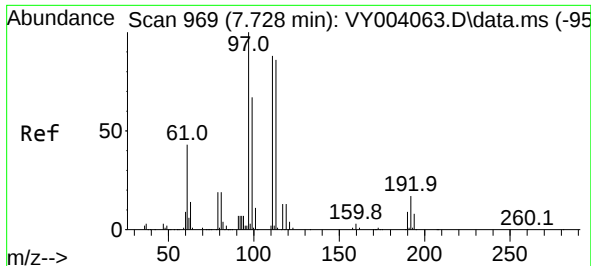
Tgt Ion: 65 Resp: 112356
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

Tgt Ion: 114 Resp: 348430
Ion Ratio Lower Upper
114 100
63 19.0 0.0 41.6
88 15.6 0.0 31.4

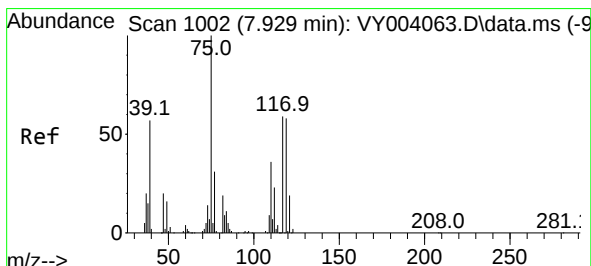
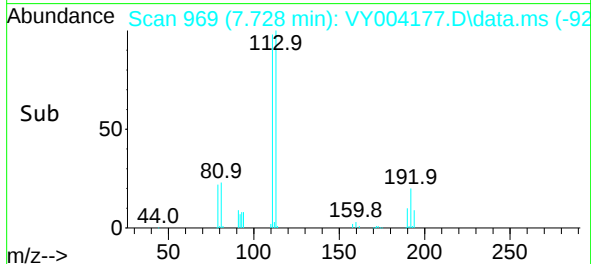
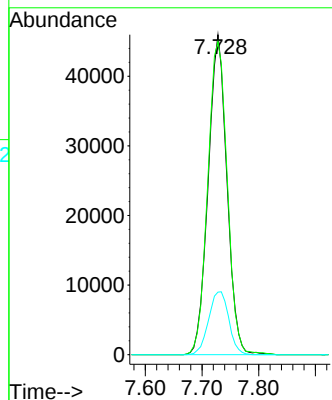
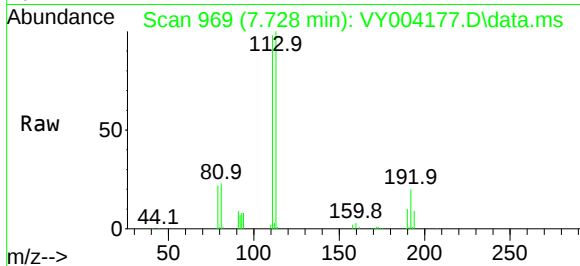




#35
Dibromofluoromethane
Concen: 53.70 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

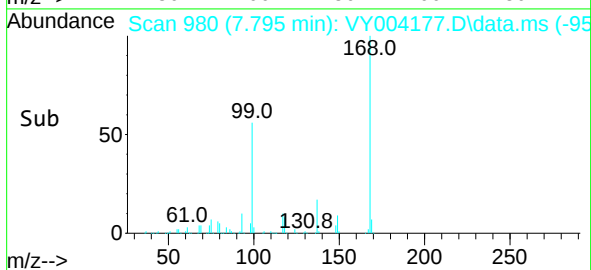
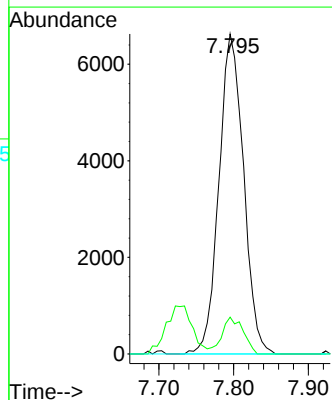
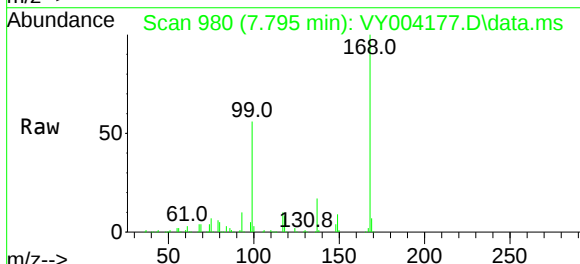
Instrument :
MSVOA_Y
ClientSampleId :

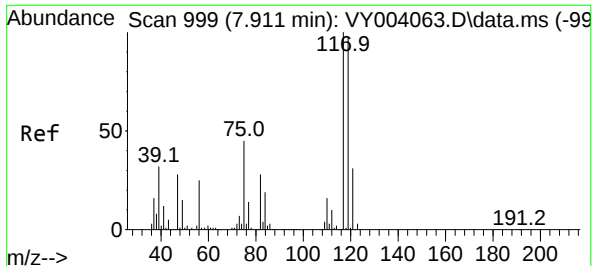
Tgt Ion:113 Resp: 105522
Ion Ratio Lower Upper
113 100
111 102.0 83.2 124.8
192 21.1 18.5 27.7



#36
1,1-Dichloropropene
Concen: 4.95 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

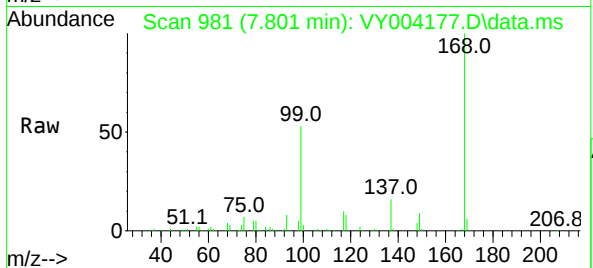
Tgt Ion: 75 Resp: 15157
Ion Ratio Lower Upper
75 100
110 10.0 17.4 52.3#
77 0.0 24.5 36.7#



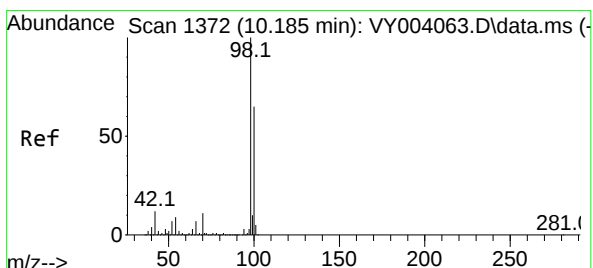
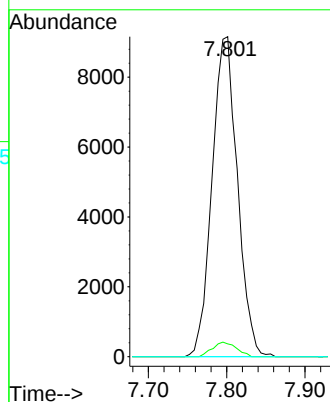
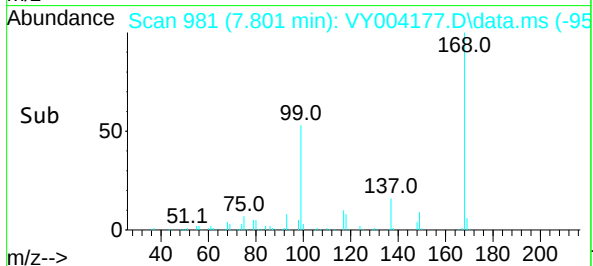


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

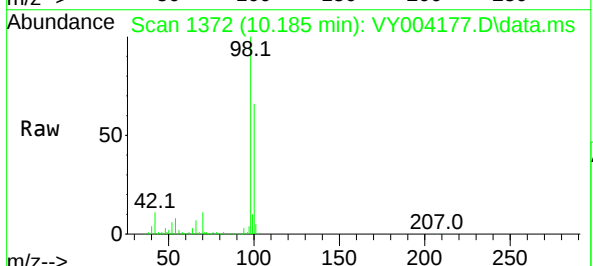
Instrument :
MSVOA_Y
ClientSampleId :



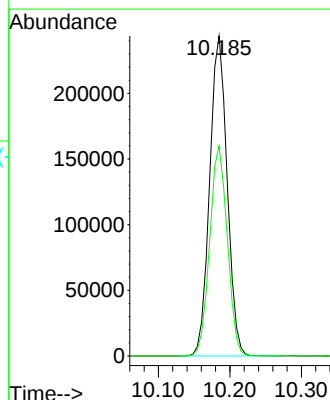
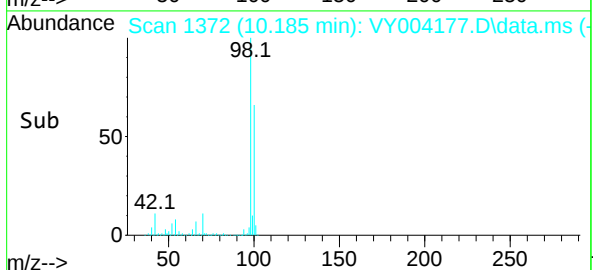
Tgt Ion:117 Resp: 20618
Ion Ratio Lower Upper
117 100
119 4.0 75.4 113.0#
121 0.0 24.2 36.2#

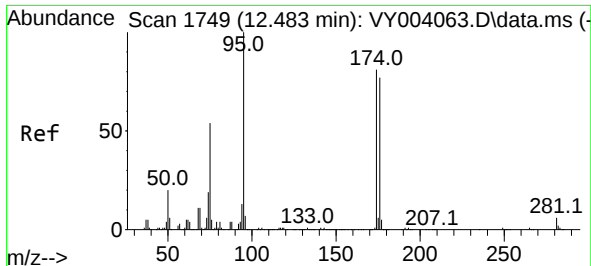


#50
Toluene-d8
Concen: 53.60 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42



Tgt Ion: 98 Resp: 412891
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6

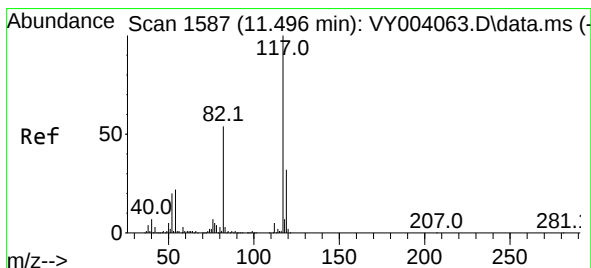
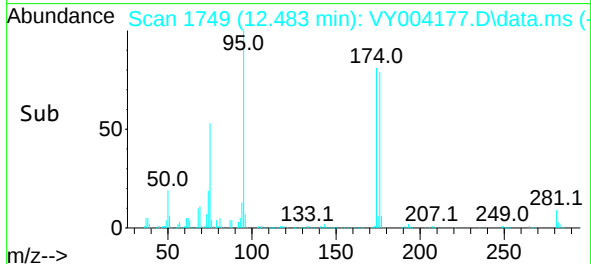
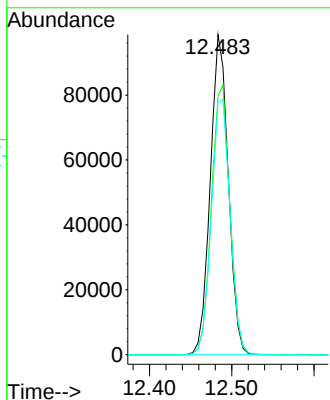
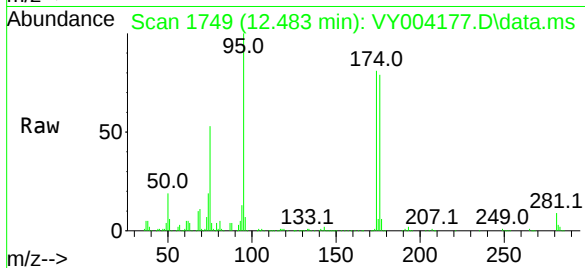




#62
4-Bromofluorobenzene
Concen: 52.67 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

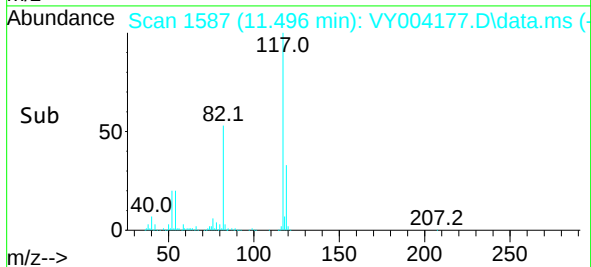
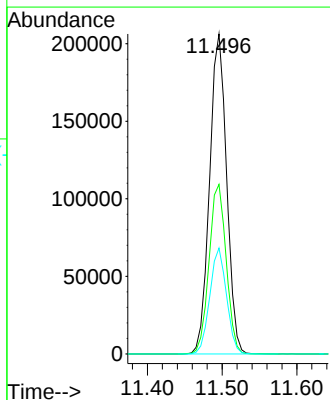
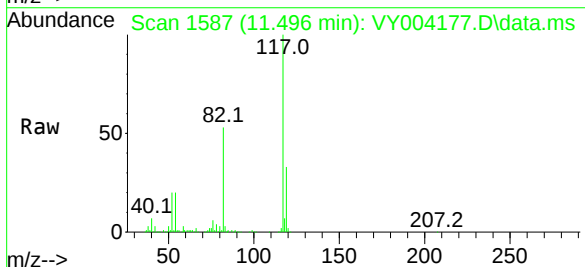
Instrument :
MSVOA_Y
ClientSampled :

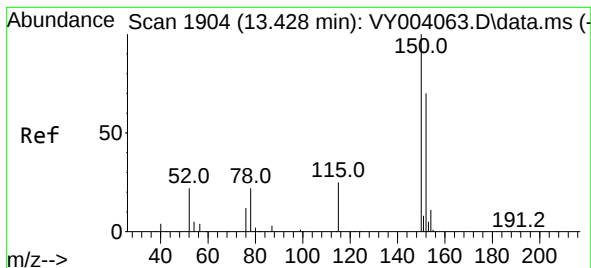
Tgt Ion: 95 Resp: 149840
Ion Ratio Lower Upper
95 100
174 86.7 0.0 179.0
176 83.4 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

Tgt Ion: 117 Resp: 326696
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.6
119 33.1 26.2 39.2

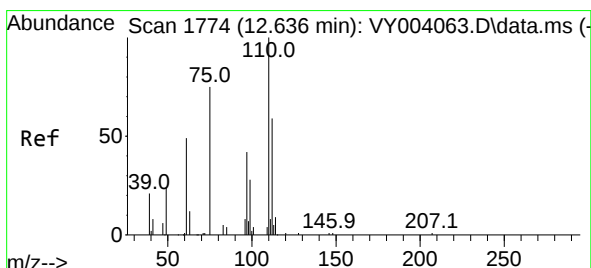
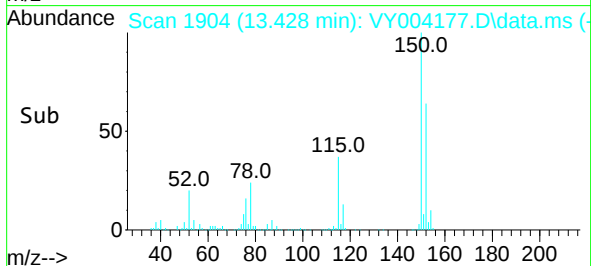
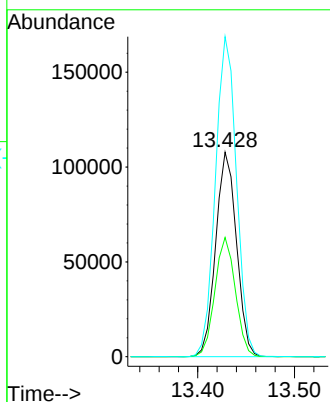
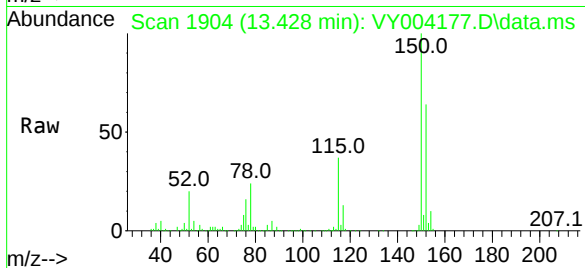




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

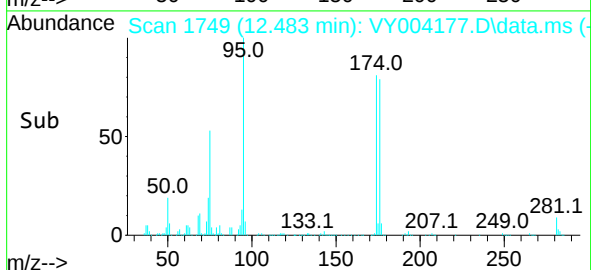
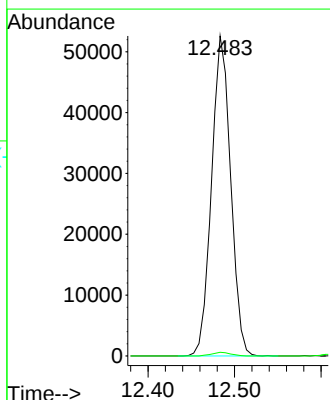
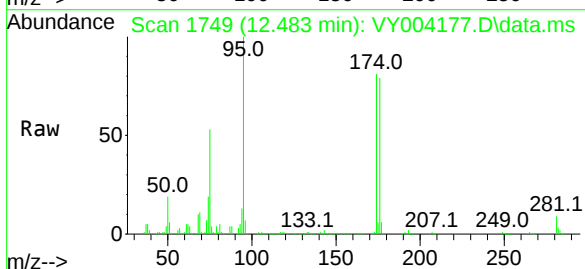
Instrument :
MSVOA_Y
ClientSampled :

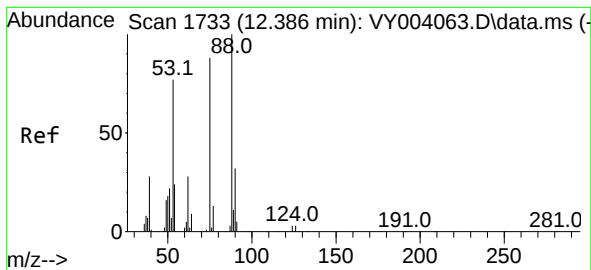
Tgt Ion:152 Resp: 160984
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.6
150 158.5 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 52.27 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004177.D
Acq: 24 Mar 2021 10:42

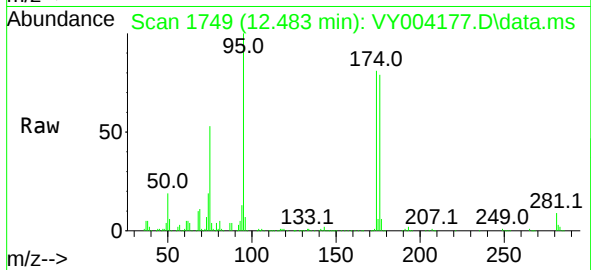
Tgt Ion: 75 Resp: 80691
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.17 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004177.D
 Acq: 24 Mar 2021 10:42

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80691
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.3 35.7 53.5#

