

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
 Data File : VY004525.D
 Acq On : 20 Apr 2021 13:48
 Operator : SY/MD
 Sample : M2090-06
 Misc : 5.9G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 21 08:50:45 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)

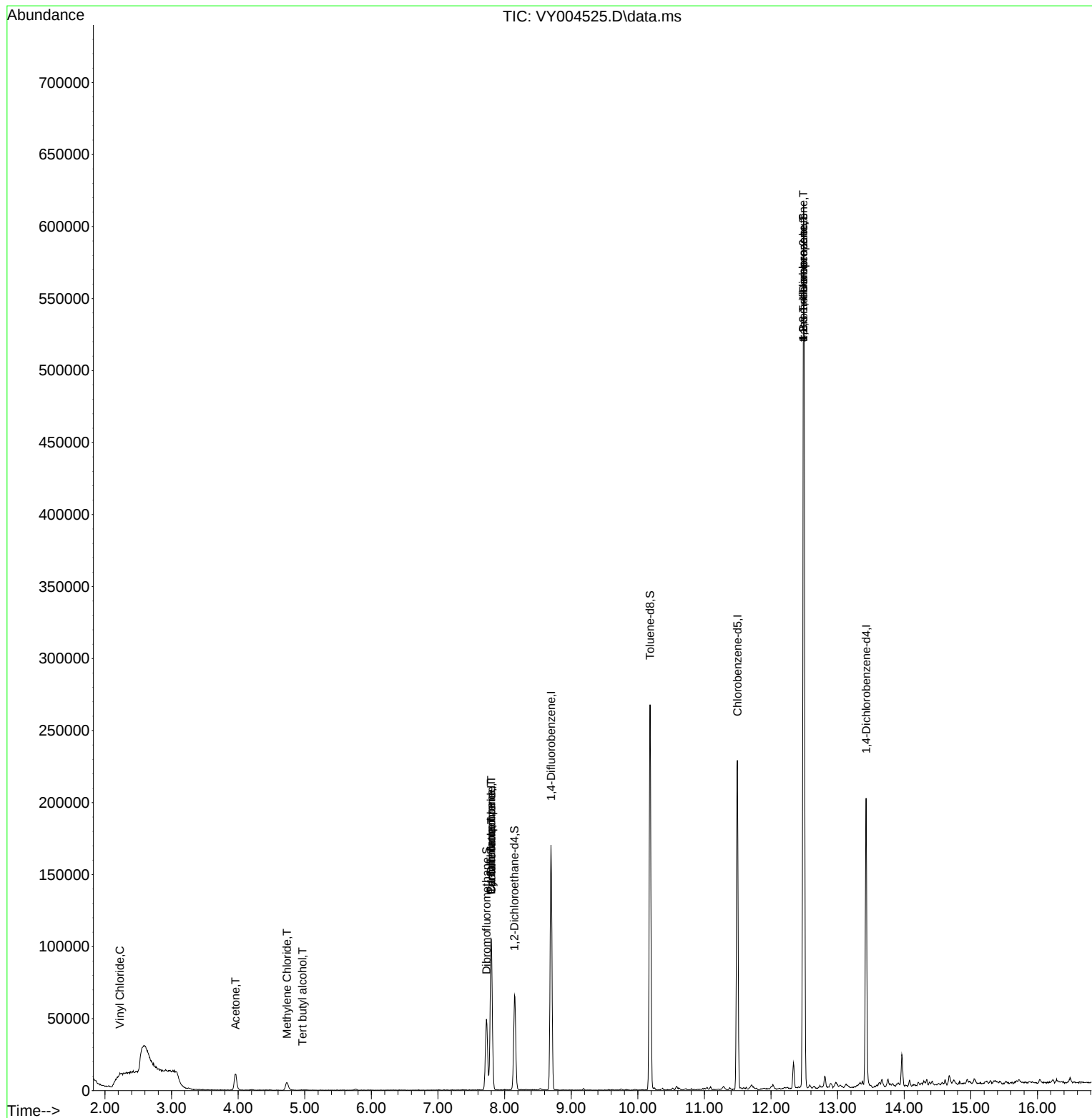
Internal Standards						
1) Pentafluorobenzene	7.801	168	80224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	136867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	120202	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47222	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	49914	56.00	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.00%
35) Dibromofluoromethane	7.728	113	34062	44.85	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.70%
50) Toluene-d8	10.185	98	167365	51.80	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.60%
62) 4-Bromofluorobenzene	12.483	95	51317	46.81	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.62%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	6267	5.52	ug/l #	43
11) Tert butyl alcohol	4.966	59	327	3.72	ug/l #	73
16) Acetone	3.960	43	19852	92.84	ug/l	95
20) Methylene Chloride	4.735	84	3687	4.28	ug/l #	93
31) Cyclohexane	7.801	56	1979	1.21	ug/l #	33
36) 1,1-Dichloropropene	7.795	75	6689	4.92	ug/l #	51
38) Carbon Tetrachloride	7.801	117	8181	6.96	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	33658	66.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	33658	118.80	ug/l #	14

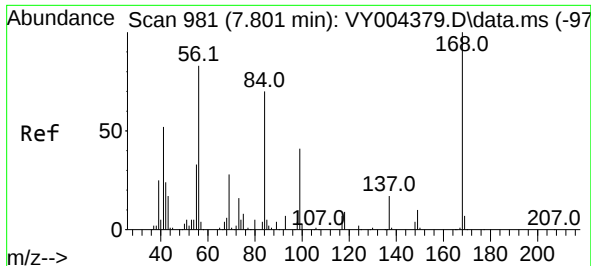
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

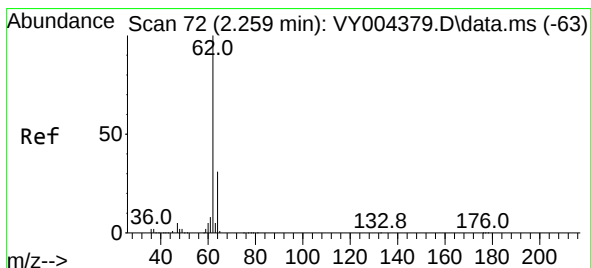
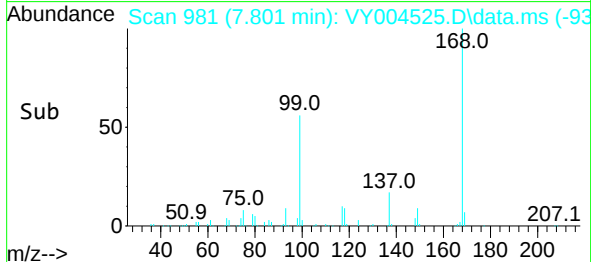
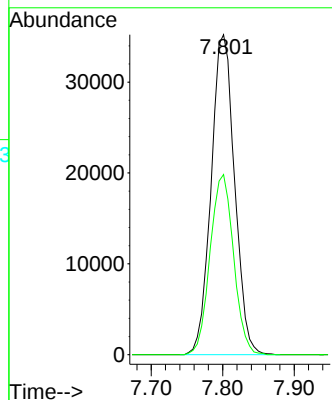
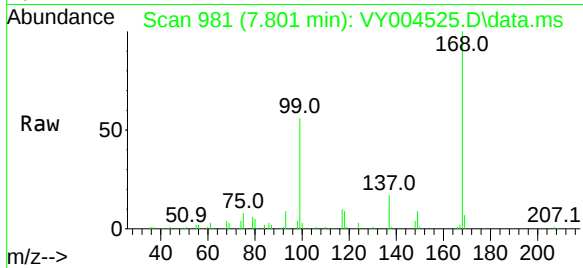




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

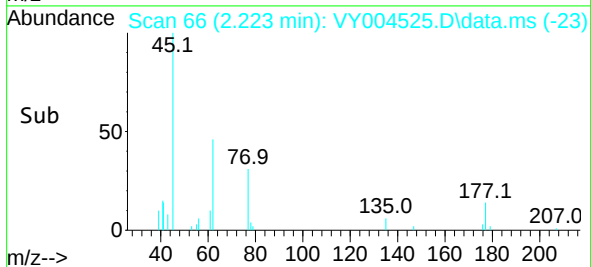
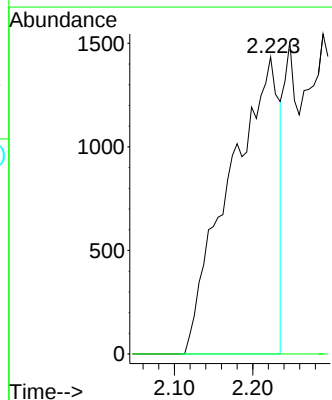
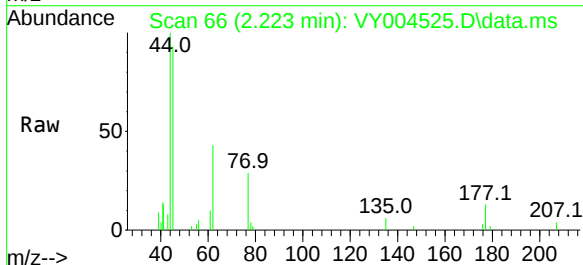
Instrument :
MSVOA_Y
ClientSampleId :

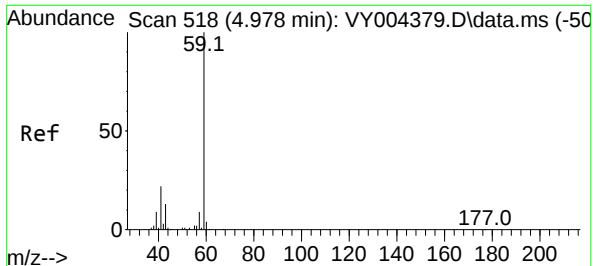
Tgt Ion:168 Resp: 80224
Ion Ratio Lower Upper
168 100
99 56.3 45.5 68.3



#4
Vinyl Chloride
Concen: 5.52 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

Tgt Ion: 62 Resp: 6267
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



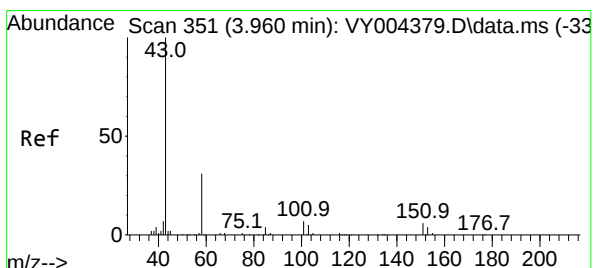
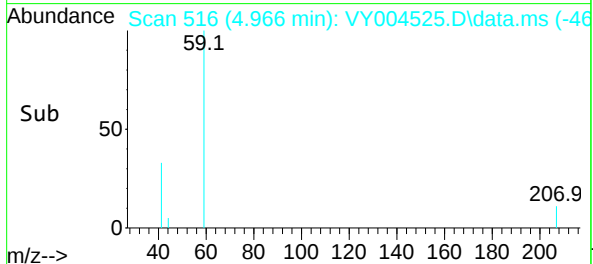
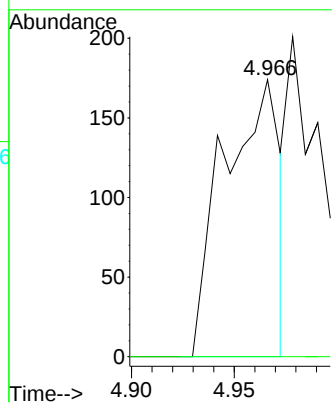
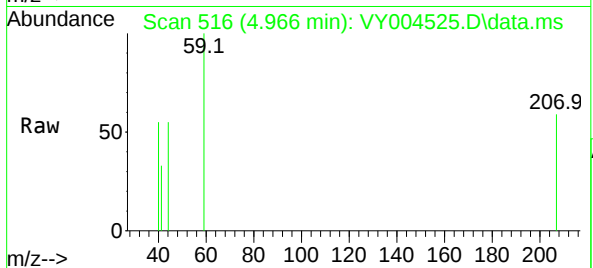


#11

Tert butyl alcohol
Concen: 3.72 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

Instrument :
MSVOA_Y
ClientSampled :

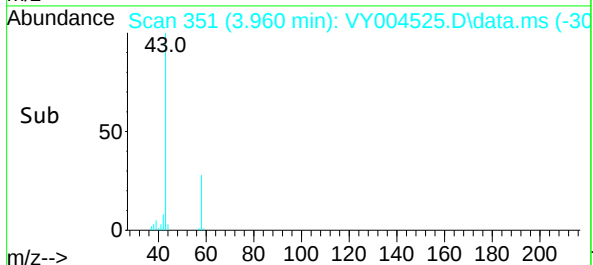
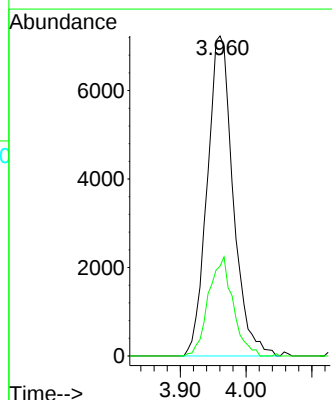
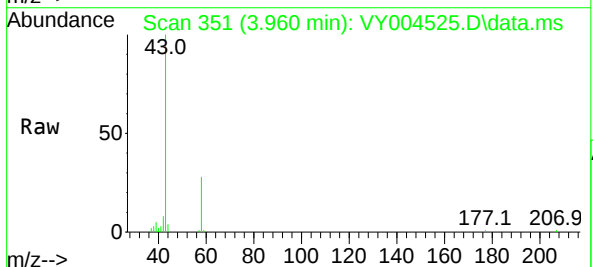
Tgt Ion: 59 Resp: 327
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

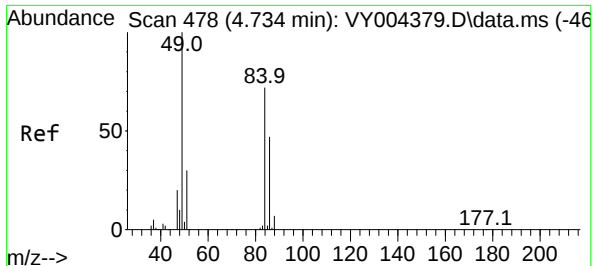


#16

Acetone
Concen: 92.84 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

Tgt Ion: 43 Resp: 19852
Ion Ratio Lower Upper
43 100
58 28.1 24.6 37.0

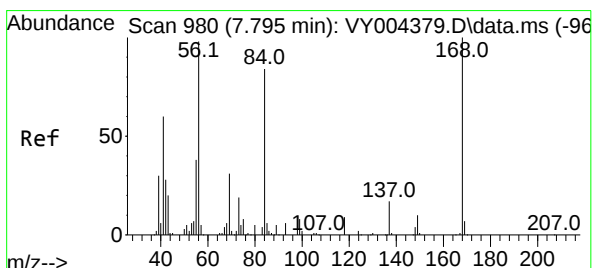
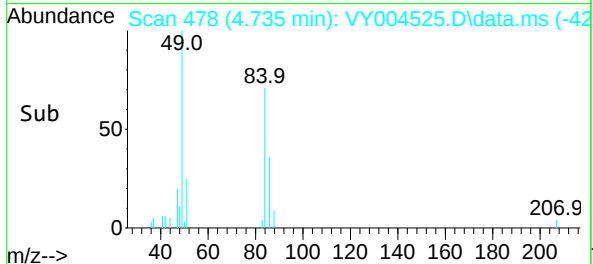
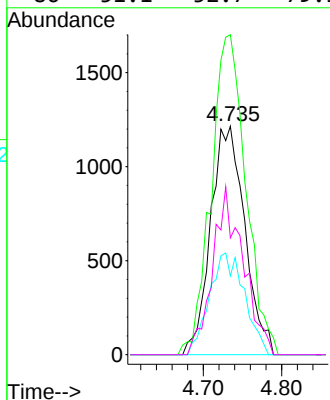
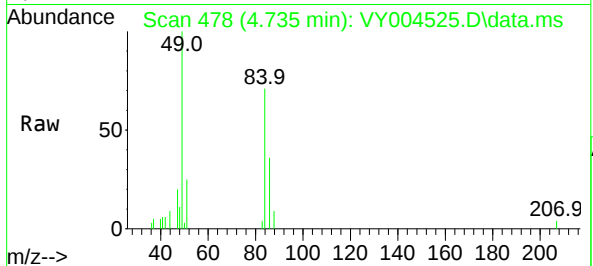




#20
Methylene Chloride
Concen: 4.28 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

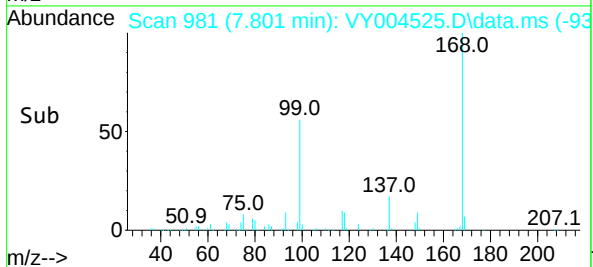
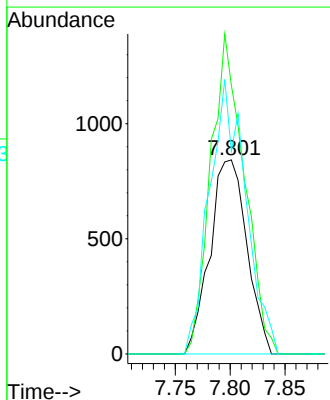
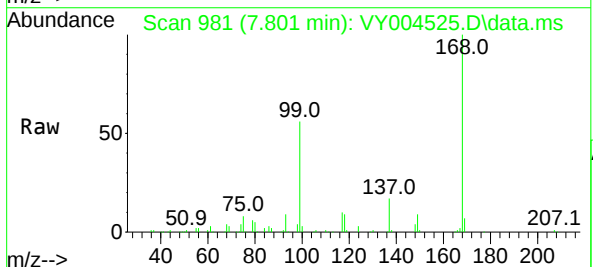
Instrument :
MSVOA_Y
ClientSampleId :

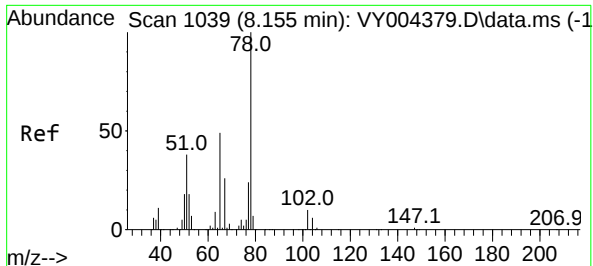
Tgt Ion:	84	Resp:	3687
Ion	Ratio	Lower	Upper
84	100		
49	140.1	111.2	166.8
51	34.5	33.4	50.2
86	51.1	52.7	79.1#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

Tgt Ion:	56	Resp:	1979
Ion	Ratio	Lower	Upper
56	100		
69	138.6	25.8	38.6#
84	104.4	68.2	102.4#

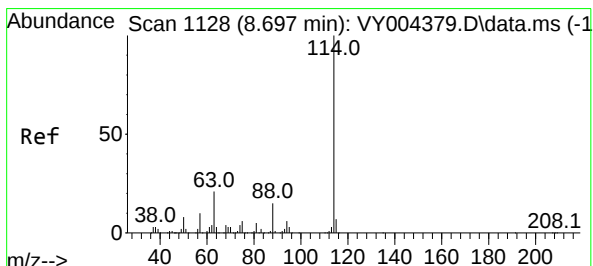
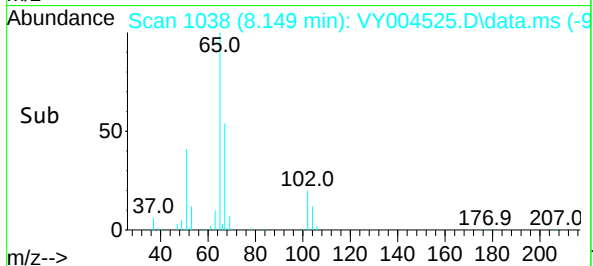
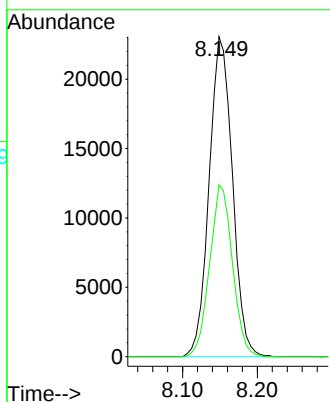
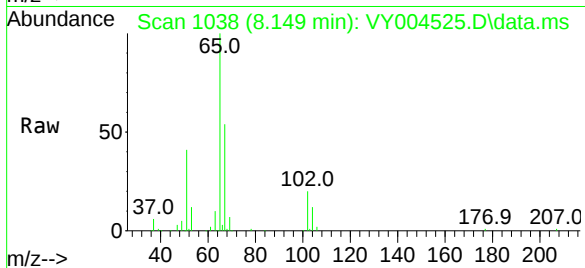




#33
1,2-Dichloroethane-d4
Concen: 56.00 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

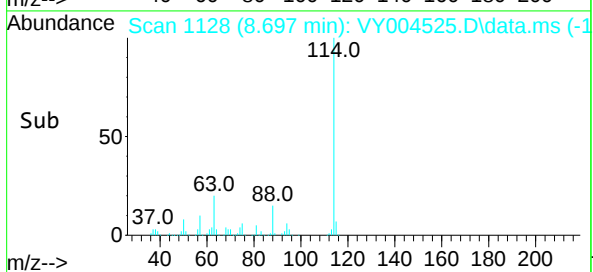
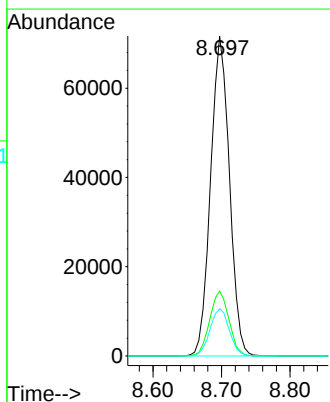
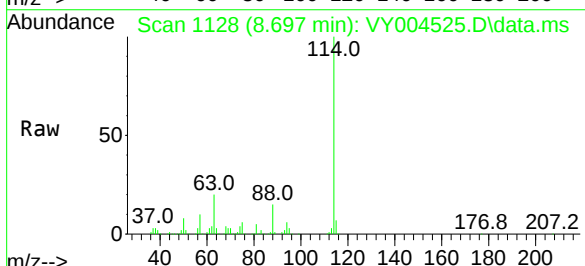
Instrument :
MSVOA_Y
ClientSampleId :

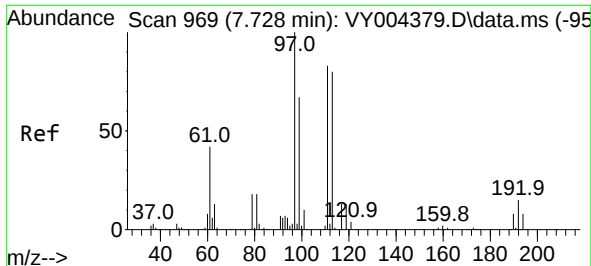
Tgt Ion: 65 Resp: 49914
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

Tgt Ion:114 Resp: 136867
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 14.8 0.0 30.8

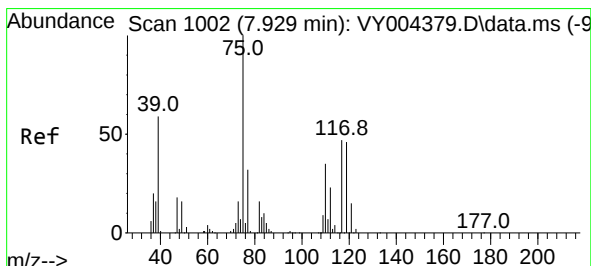
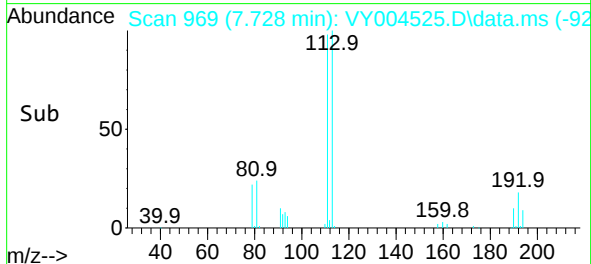
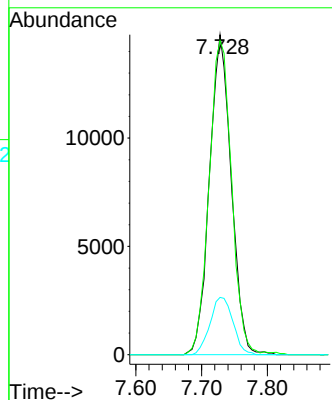
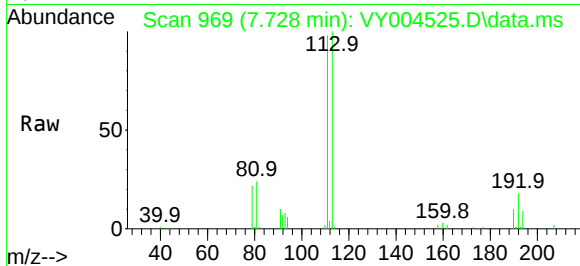




#35
Dibromofluoromethane
Concen: 44.85 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

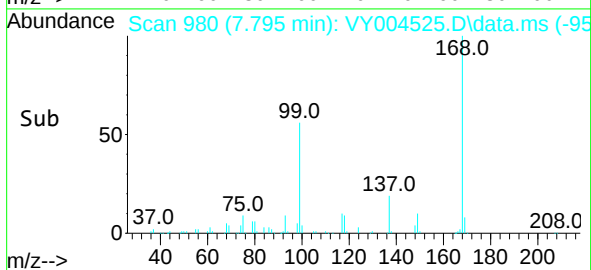
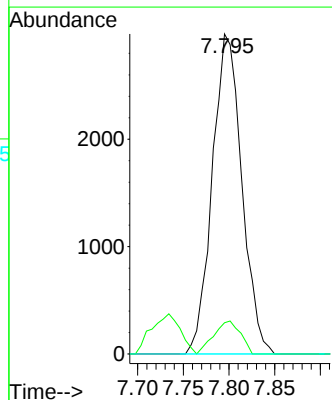
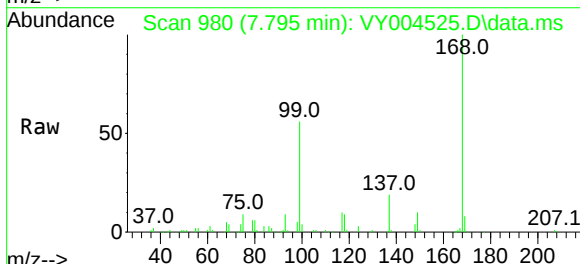
Instrument :
MSVOA_Y
ClientSampleId :

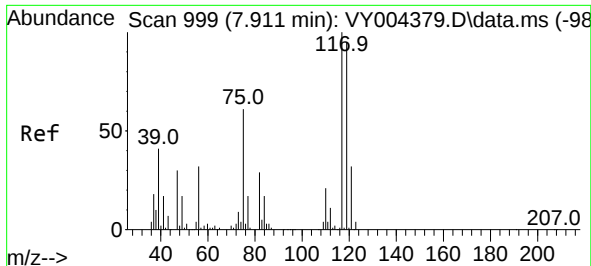
Tgt Ion:113 Resp: 34062
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 18.8 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.92 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

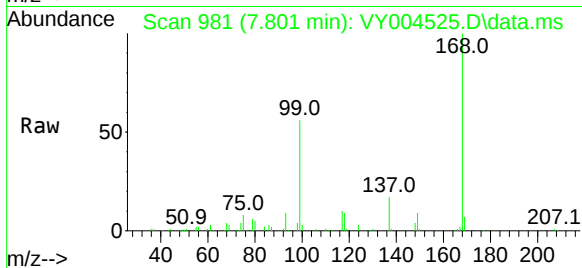
Tgt Ion: 75 Resp: 6689
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.7#
77 0.0 24.3 36.5#



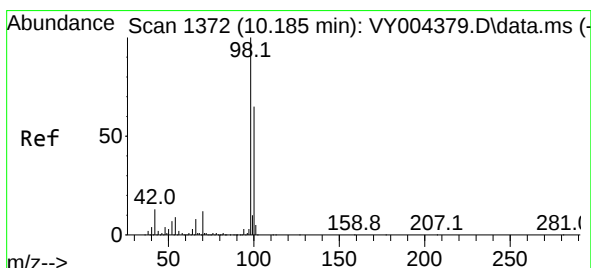
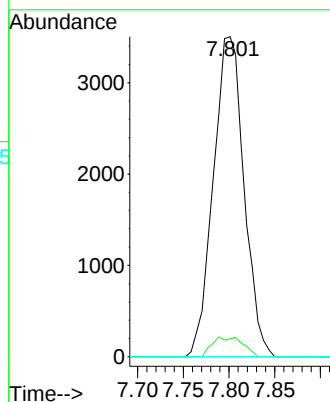
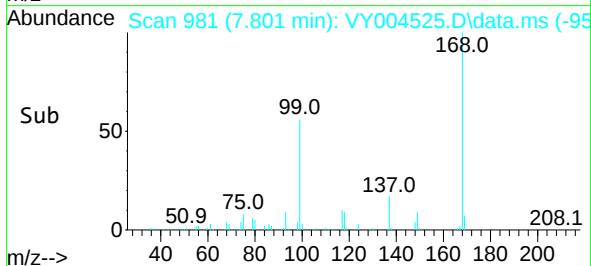


#38
Carbon Tetrachloride
Concen: 6.96 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

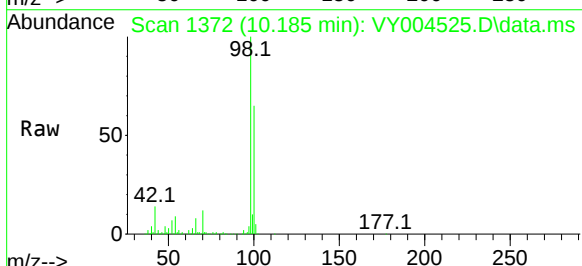
Instrument :
MSVOA_Y
ClientSampled :



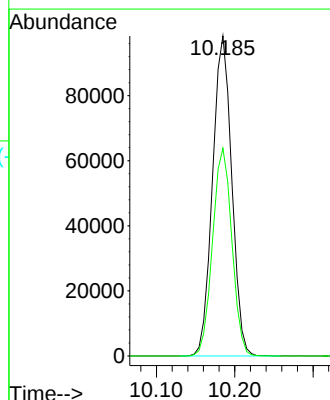
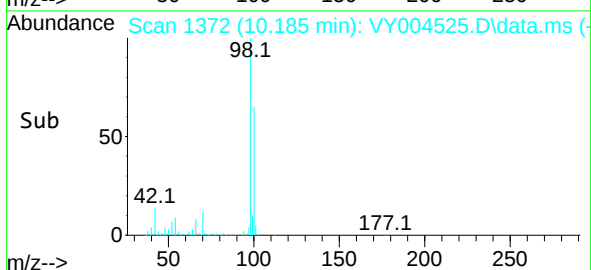
Tgt Ion:117 Resp: 8181
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.8#
121 0.0 25.3 37.9#

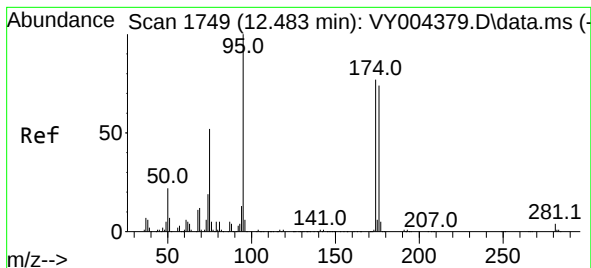


#50
Toluene-d8
Concen: 51.80 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48



Tgt Ion: 98 Resp: 167365
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6

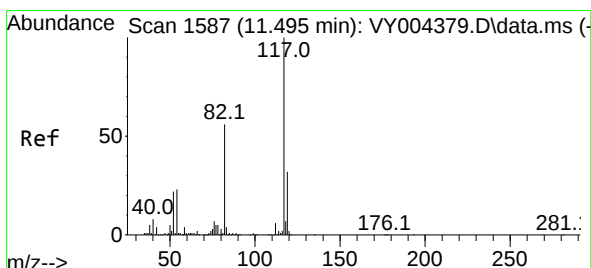
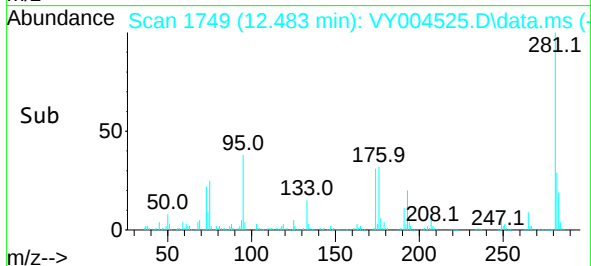
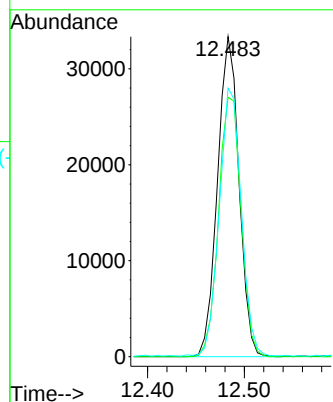
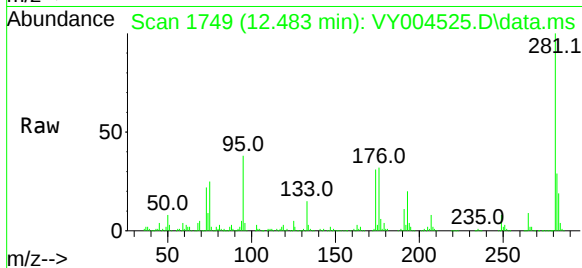




#62
4-Bromofluorobenzene
Concen: 46.81 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

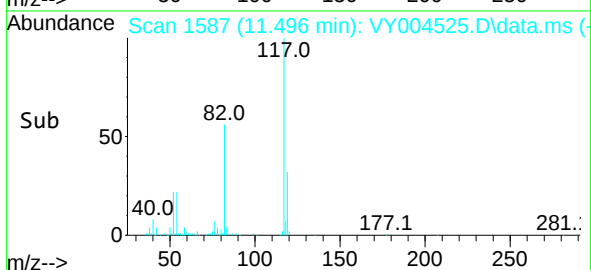
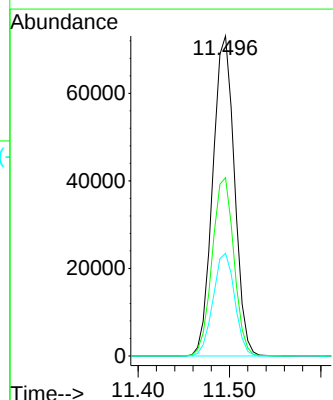
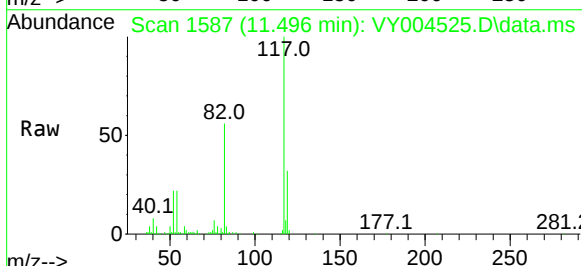
Instrument :
MSVOA_Y
ClientSampleId :

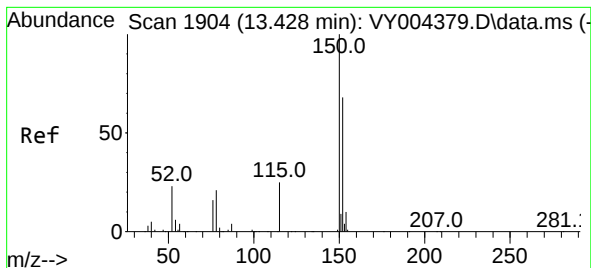
Tgt Ion: 95 Resp: 51317
Ion Ratio Lower Upper
95 100
174 84.9 0.0 162.4
176 86.1 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004525.D
Acq: 20 Apr 2021 13:48

Tgt Ion: 117 Resp: 120202
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.1 25.4 38.0

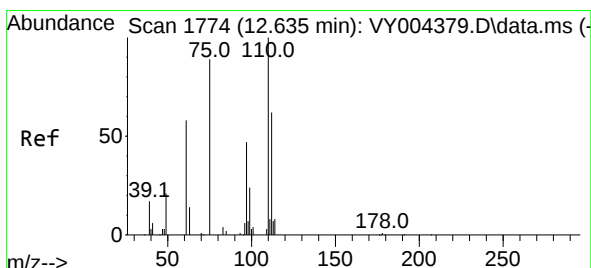
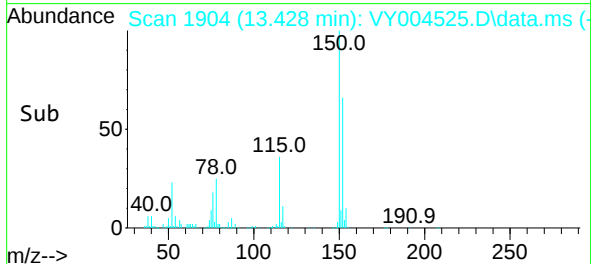
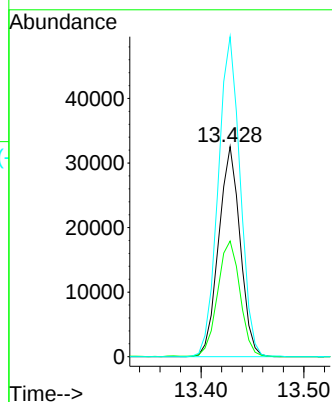
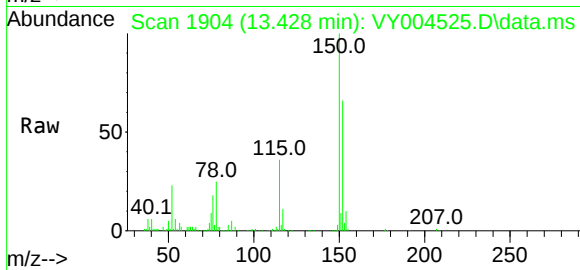




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004525.D
 Acq: 20 Apr 2021 13:48

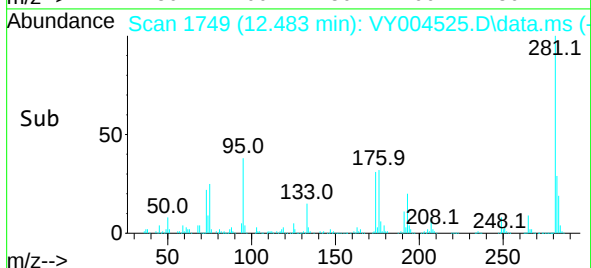
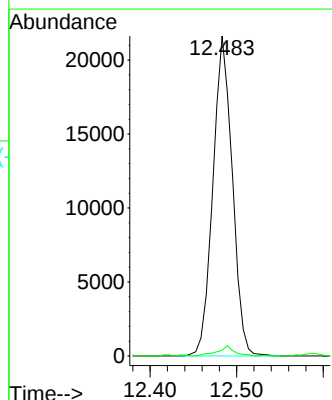
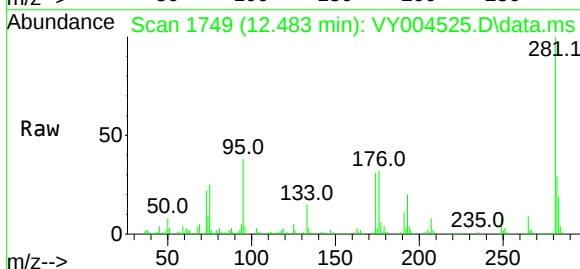
Instrument :
 MSVOA_Y
 ClientSampled :

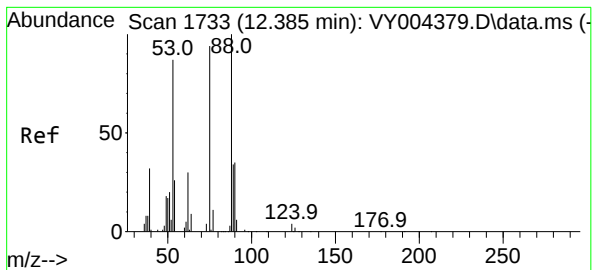
Tgt Ion:152 Resp: 47222
 Ion Ratio Lower Upper
 152 100
 115 57.6 29.6 88.8
 150 155.8 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 66.41 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004525.D
 Acq: 20 Apr 2021 13:48

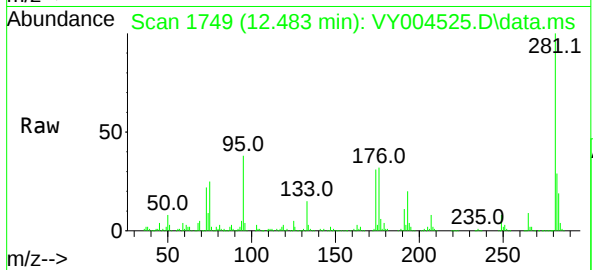
Tgt Ion: 75 Resp: 33658
 Ion Ratio Lower Upper
 75 100
 77 2.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.80 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004525.D
 Acq: 20 Apr 2021 13:48

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 33658
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 5.0 36.1 54.1#

