

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004698.D
 Acq On : 03 May 2021 17:41
 Operator : SY/MD
 Sample : M2256-14
 Misc : 7.32G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 01:15:23 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)

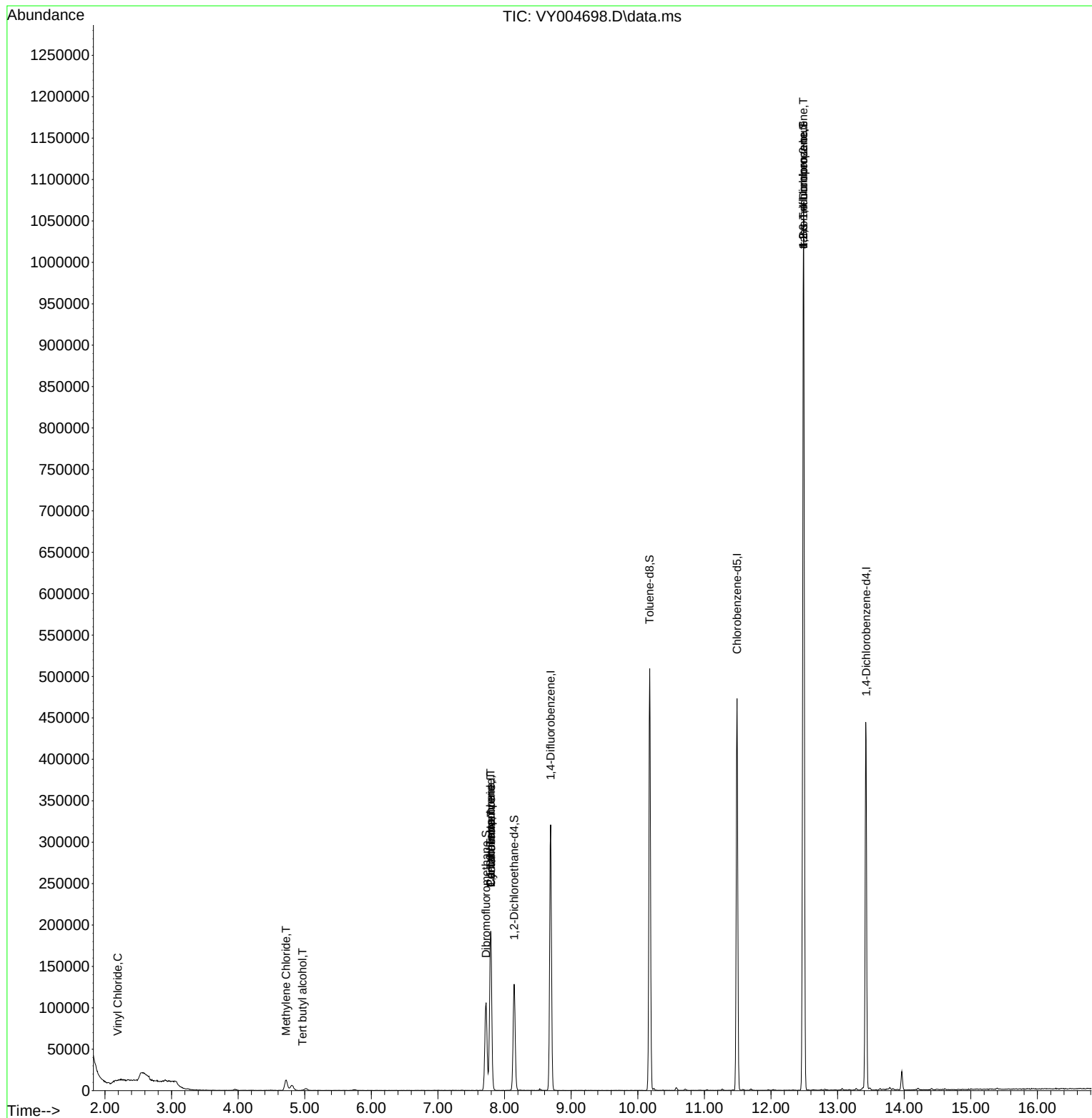
Internal Standards						
1) Pentafluorobenzene	7.795	168	147691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254662	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	240146	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109013	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97847	59.63	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.26%
35) Dibromofluoromethane	7.722	113	72144	51.05	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.10%
50) Toluene-d8	10.179	98	314336	52.29	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.58%
62) 4-Bromofluorobenzene	12.483	95	111478	54.65	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.30%
Target Compounds						
						Qvalue
4) Vinyl Chloride	2.192	62	3382	1.62	ug/l #	43
11) Tert butyl alcohol	4.966	59	290	1.79	ug/l #	73
16) Acetone	3.954	43	2353	Below Cal	#	76
20) Methylene Chloride	4.716	84	8660	5.46	ug/l	91
31) Cyclohexane	7.795	56	3435	1.14	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	11923	4.71	ug/l #	50
38) Carbon Tetrachloride	7.789	117	14992	6.85	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	67579	57.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	67579	103.33	ug/l #	14

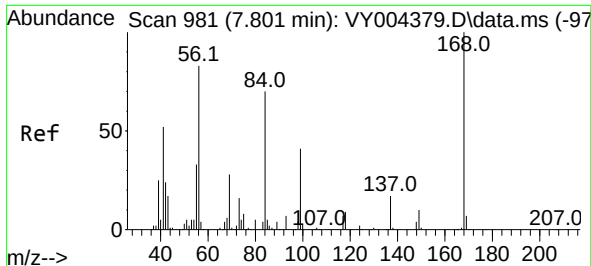
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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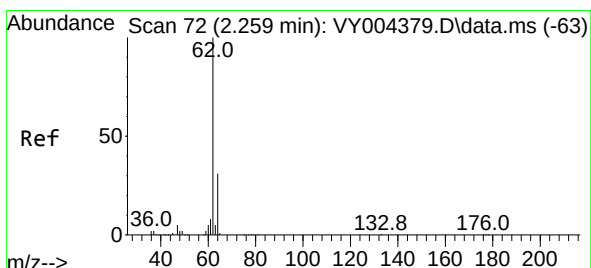
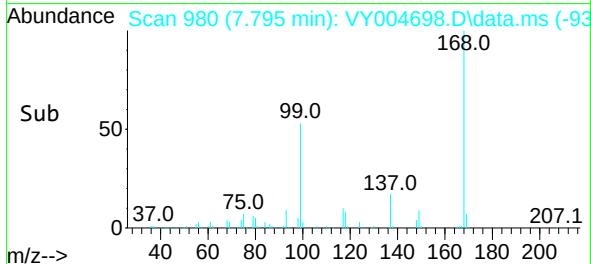
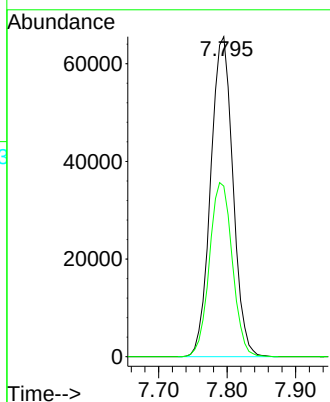
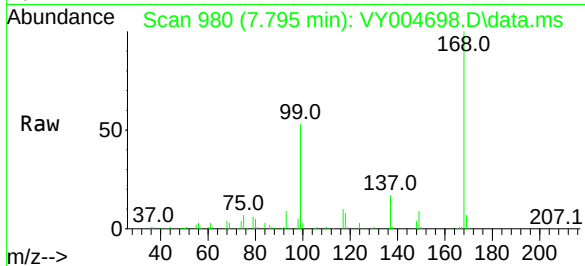




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

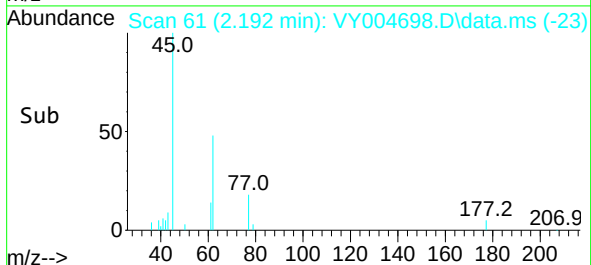
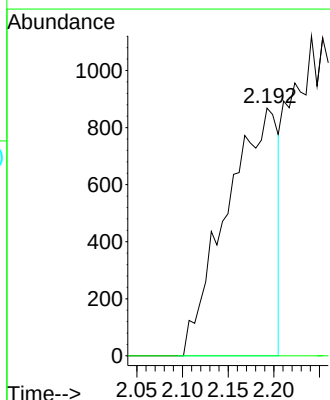
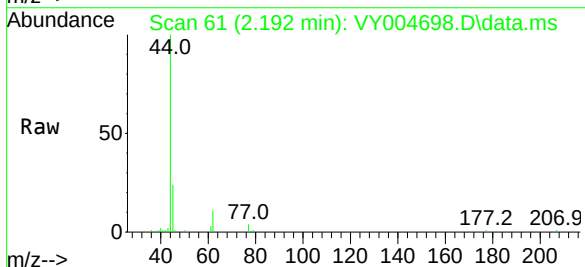
Instrument :
MSVOA_Y
ClientSampleId :

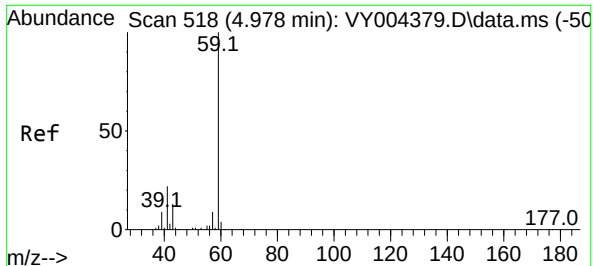
Tgt Ion:168 Resp: 147691
Ion Ratio Lower Upper
168 100
99 53.3 45.5 68.3



#4
Vinyl Chloride
Concen: 1.62 ug/l
RT: 2.192 min Scan# 61
Delta R.T. -0.067 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion: 62 Resp: 3382
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

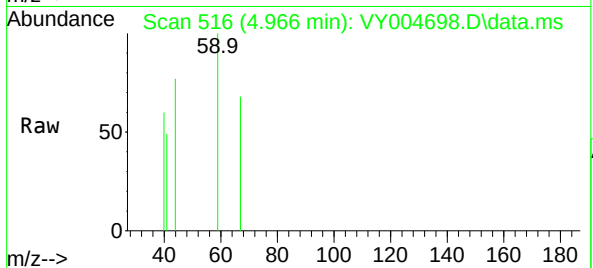




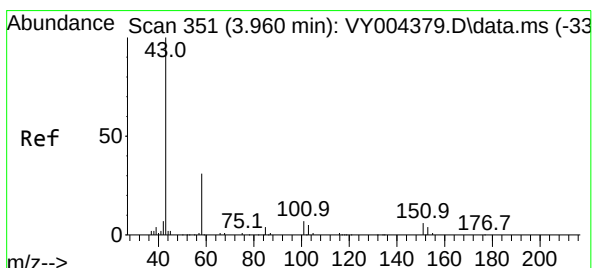
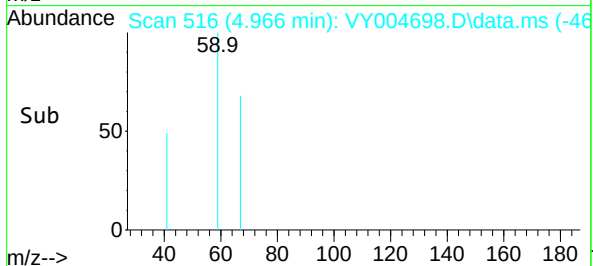
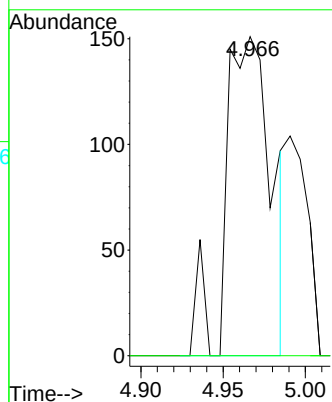
#11

Tert butyl alcohol
Concen: 1.79 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Instrument :
MSVOA_Y
ClientSampled :



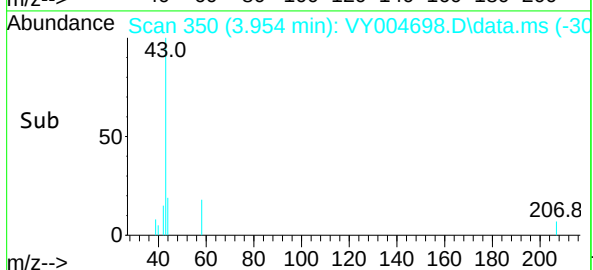
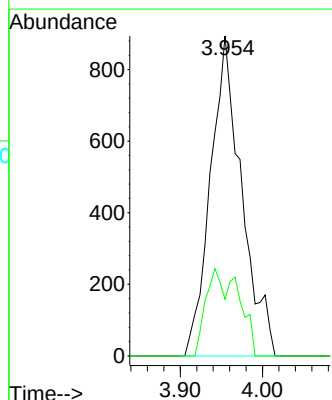
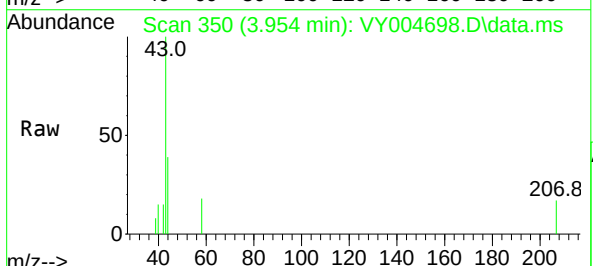
Tgt Ion: 59 Resp: 290
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

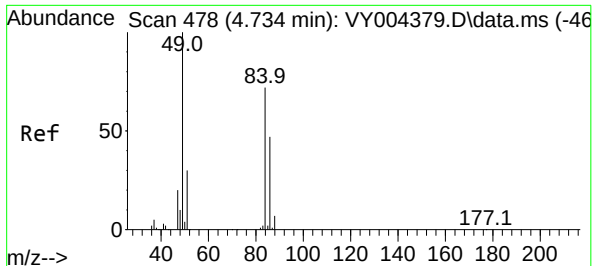


#16

Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

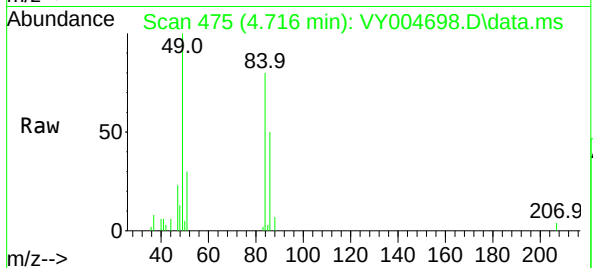
Tgt Ion: 43 Resp: 2353
Ion Ratio Lower Upper
43 100
58 17.7 24.6 37.0#





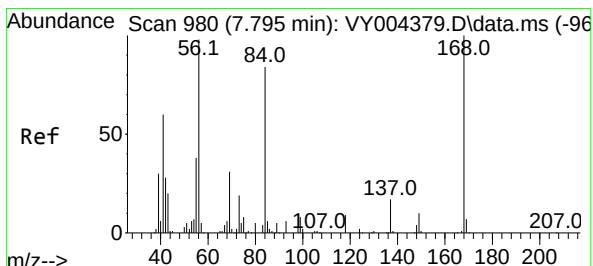
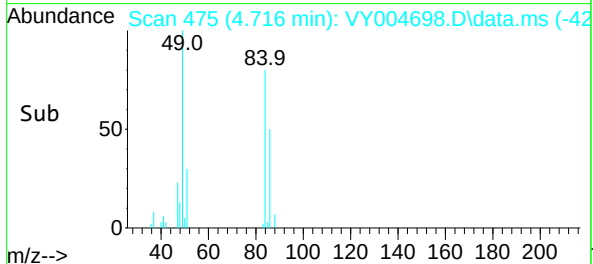
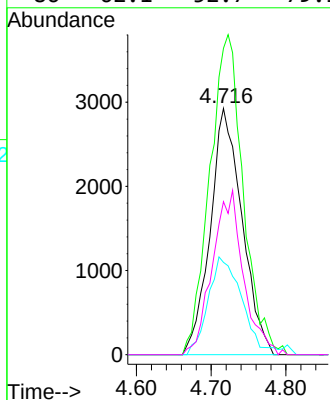
#20
Methylene Chloride
Concen: 5.46 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.018 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion: 84 Resp: 8660

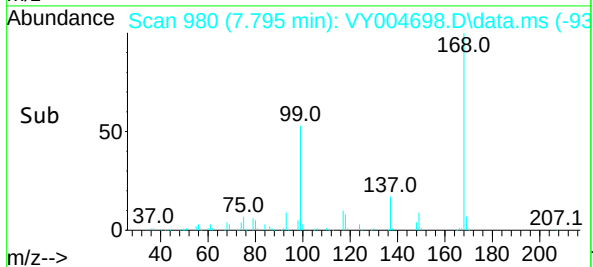
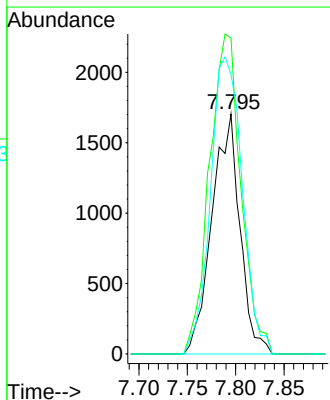
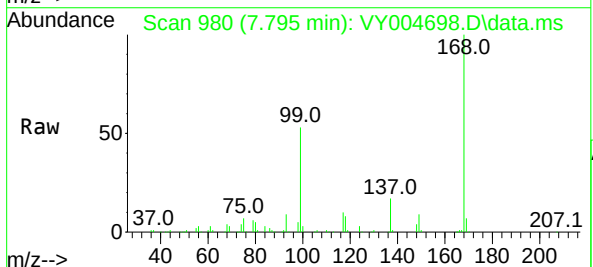
Ion	Ratio	Lower	Upper
84	100		
49	124.4	111.2	166.8
51	37.5	33.4	50.2
86	62.1	52.7	79.1

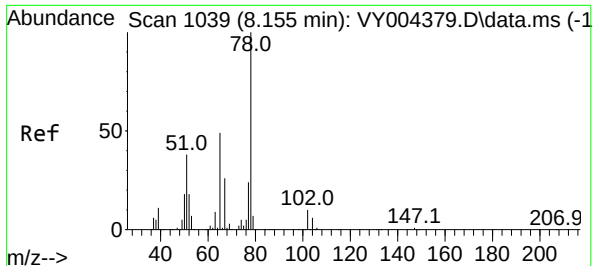


#31
Cyclohexane
Concen: 1.14 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion: 56 Resp: 3435

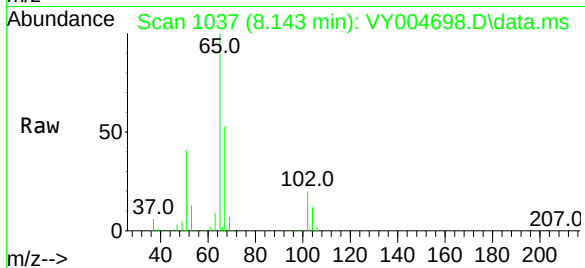
Ion	Ratio	Lower	Upper
56	100		
69	131.7	25.8	38.6#
84	116.5	68.2	102.4#



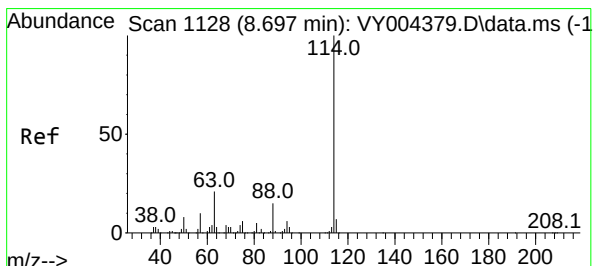
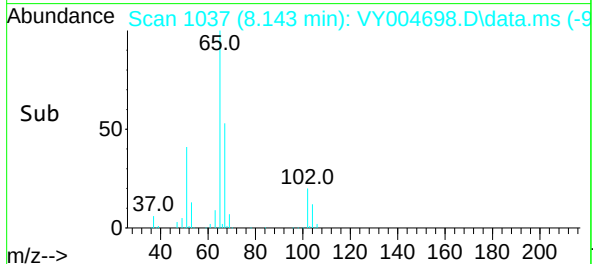
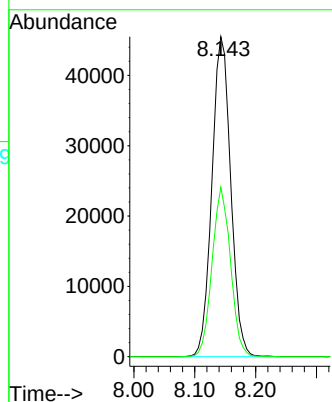


#33
1,2-Dichloroethane-d4
Concen: 59.63 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Instrument :
MSVOA_Y
ClientSampleId :

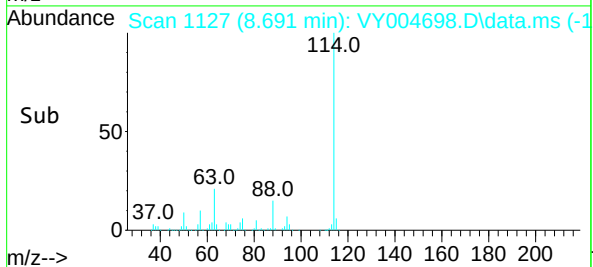
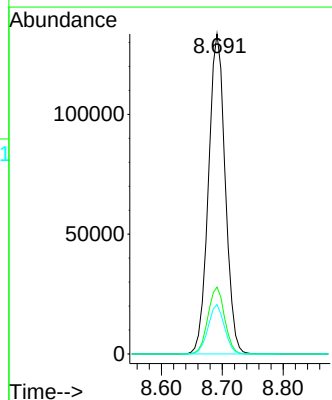
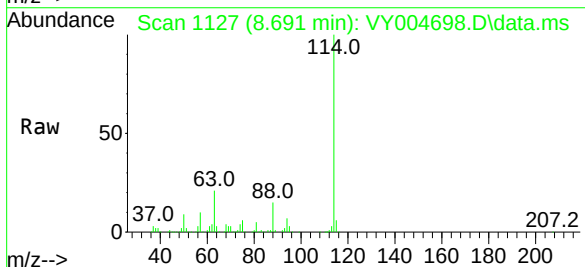


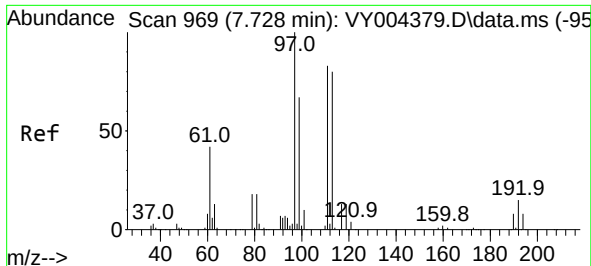
Tgt Ion: 65 Resp: 97847
Ion Ratio Lower Upper
65 100
67 51.7 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion: 114 Resp: 254662
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.5 0.0 30.8

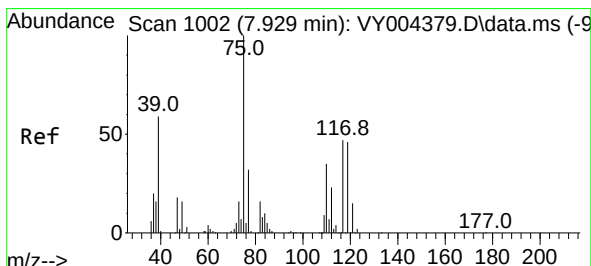
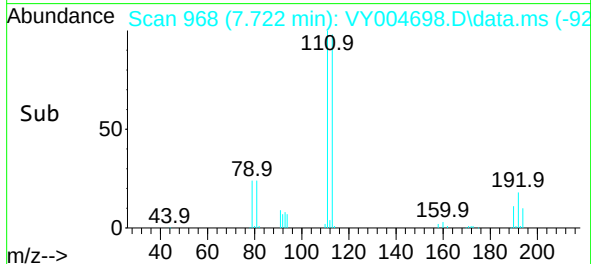
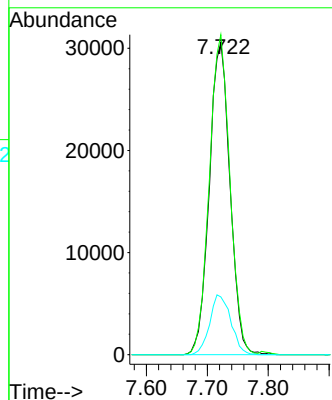
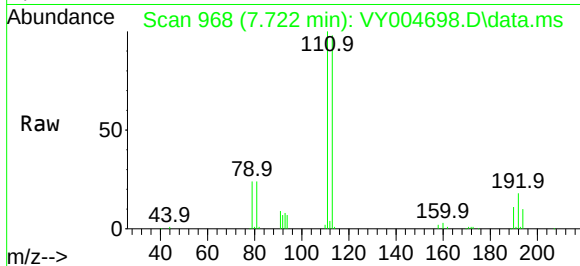




#35
Dibromofluoromethane
Concen: 51.05 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

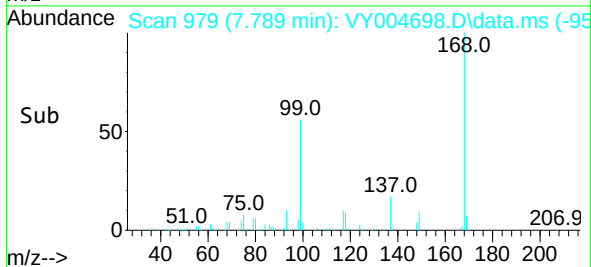
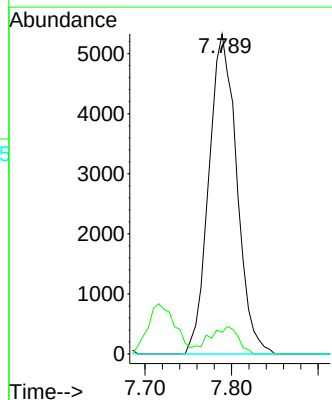
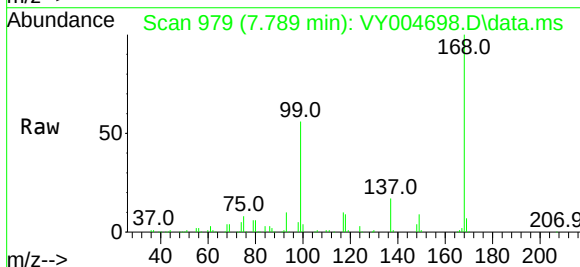
Instrument :
MSVOA_Y
ClientSampleId :

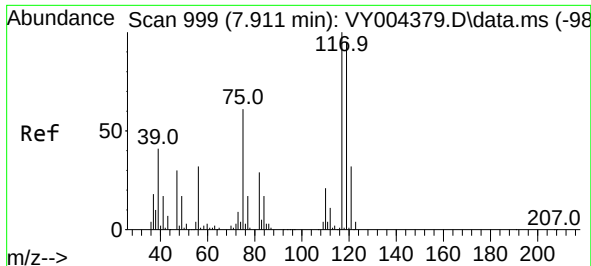
Tgt Ion:113 Resp: 72144
Ion Ratio Lower Upper
113 100
111 102.1 82.6 123.8
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.71 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

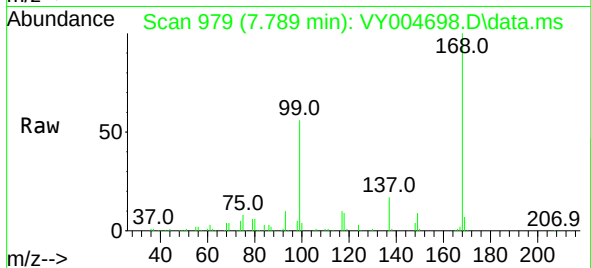
Tgt Ion: 75 Resp: 11923
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 24.3 36.5#



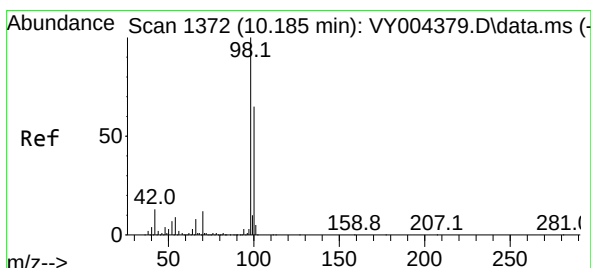
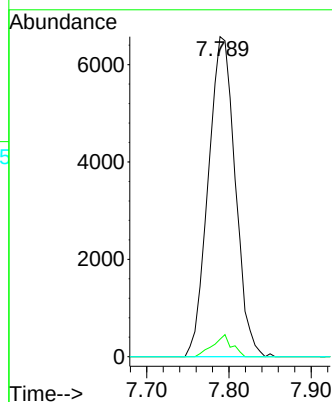
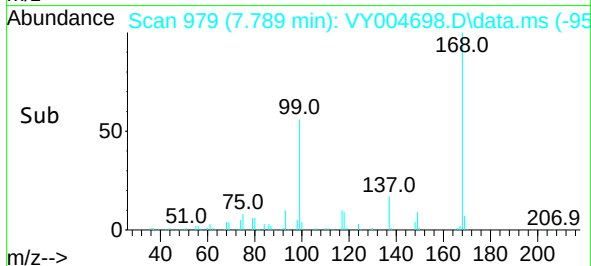


#38
Carbon Tetrachloride
Concen: 6.85 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

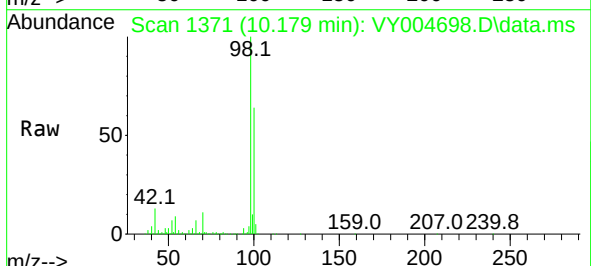
Instrument :
MSVOA_Y
ClientSampleId :



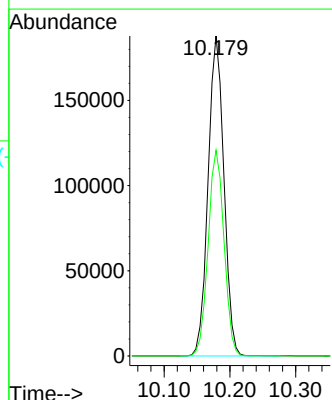
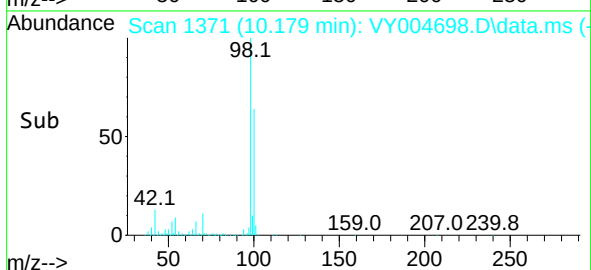
Tgt Ion:117 Resp: 14992
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 25.3 37.9#

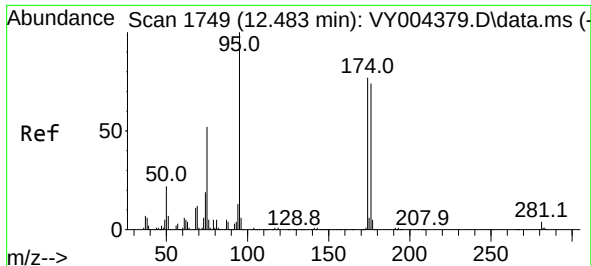


#50
Toluene-d8
Concen: 52.29 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41



Tgt Ion: 98 Resp: 314336
Ion Ratio Lower Upper
98 100
100 64.6 51.8 77.6

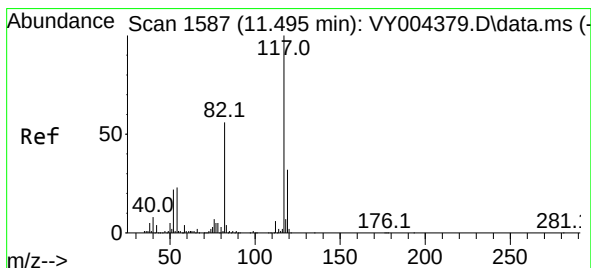
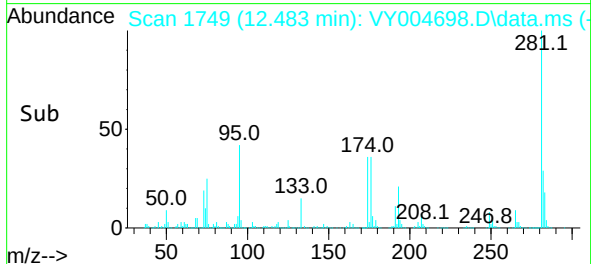
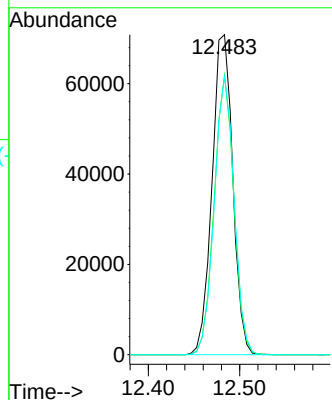
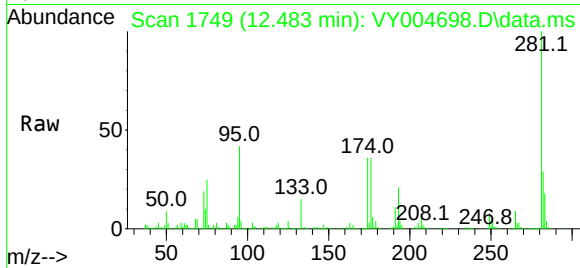




#62
4-Bromofluorobenzene
Concen: 54.65 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

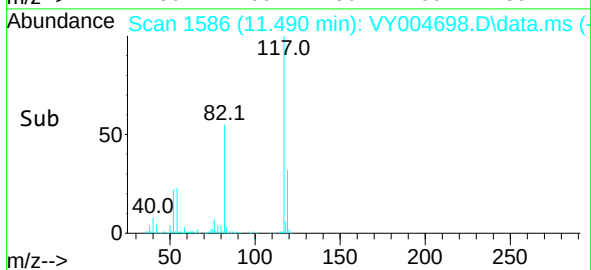
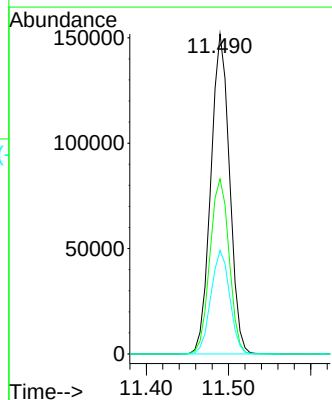
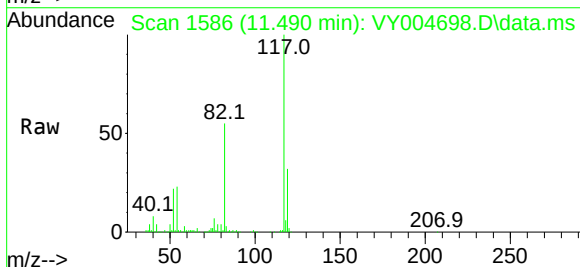
Instrument :
MSVOA_Y
ClientSampleId :

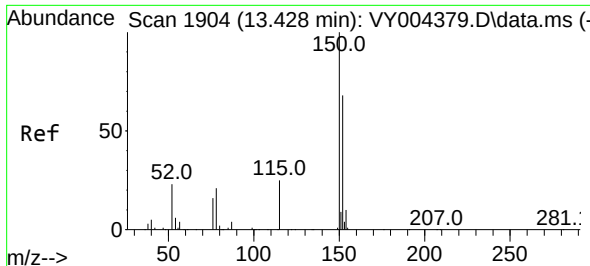
Tgt Ion: 95 Resp: 111478
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 83.5 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

Tgt Ion: 117 Resp: 240146
Ion Ratio Lower Upper
117 100
82 54.7 44.9 67.3
119 32.4 25.4 38.0

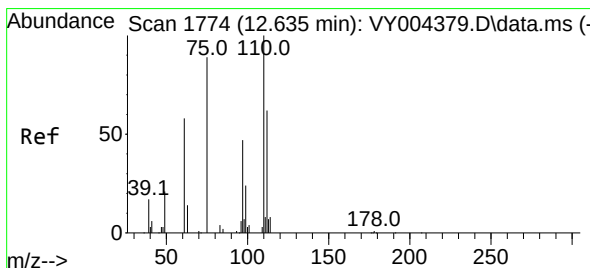
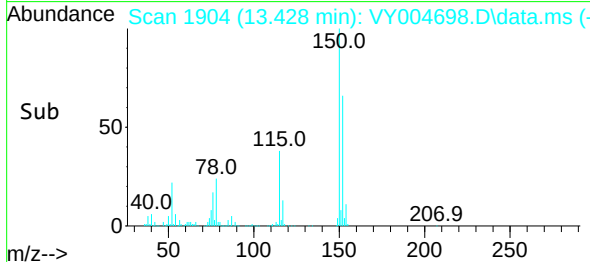
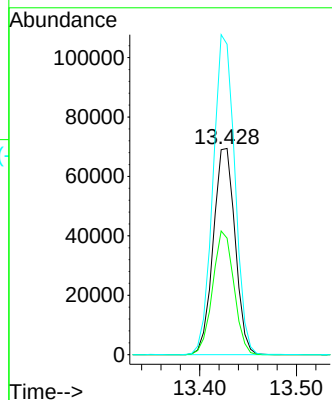
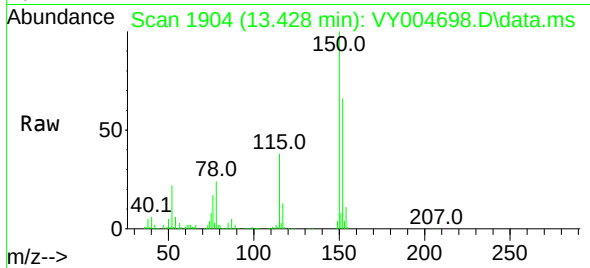




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

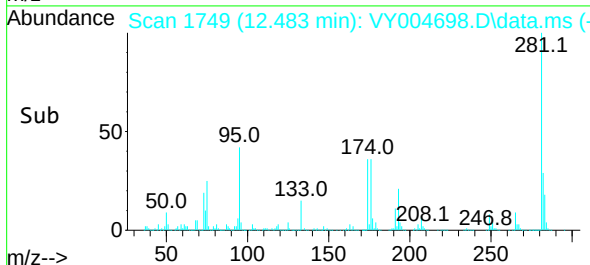
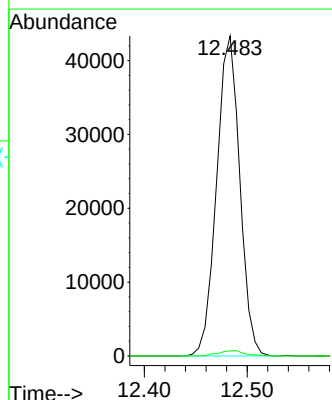
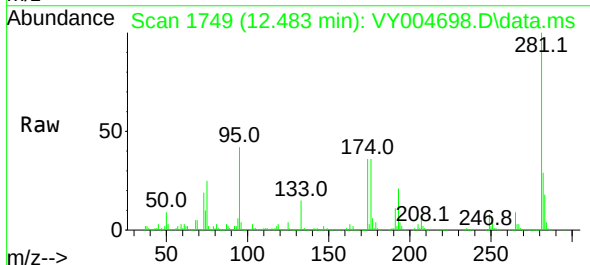
Instrument :
MSVOA_Y
ClientSampled :

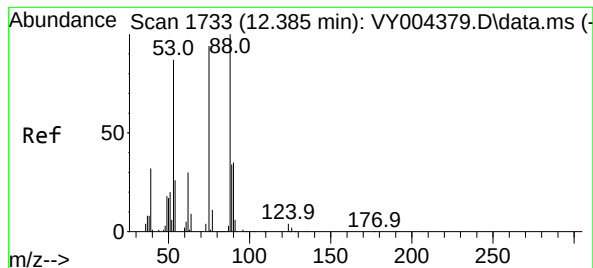
Tgt Ion:152 Resp: 109013
Ion Ratio Lower Upper
152 100
115 58.4 29.6 88.8
150 154.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 57.76 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004698.D
Acq: 03 May 2021 17:41

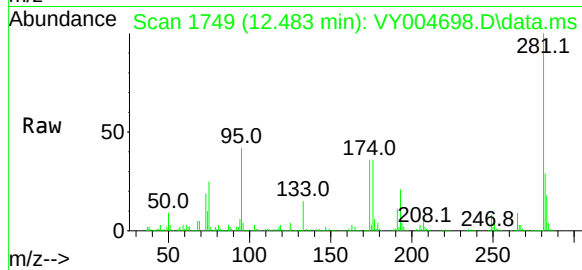
Tgt Ion: 75 Resp: 67579
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.33 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004698.D
 Acq: 03 May 2021 17:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 67579
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 3.5 36.1 54.1#

