

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004690.D
 Acq On : 03 May 2021 11:01
 Operator : SY/MD
 Sample : VY0503SBL01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 01:12:06 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)

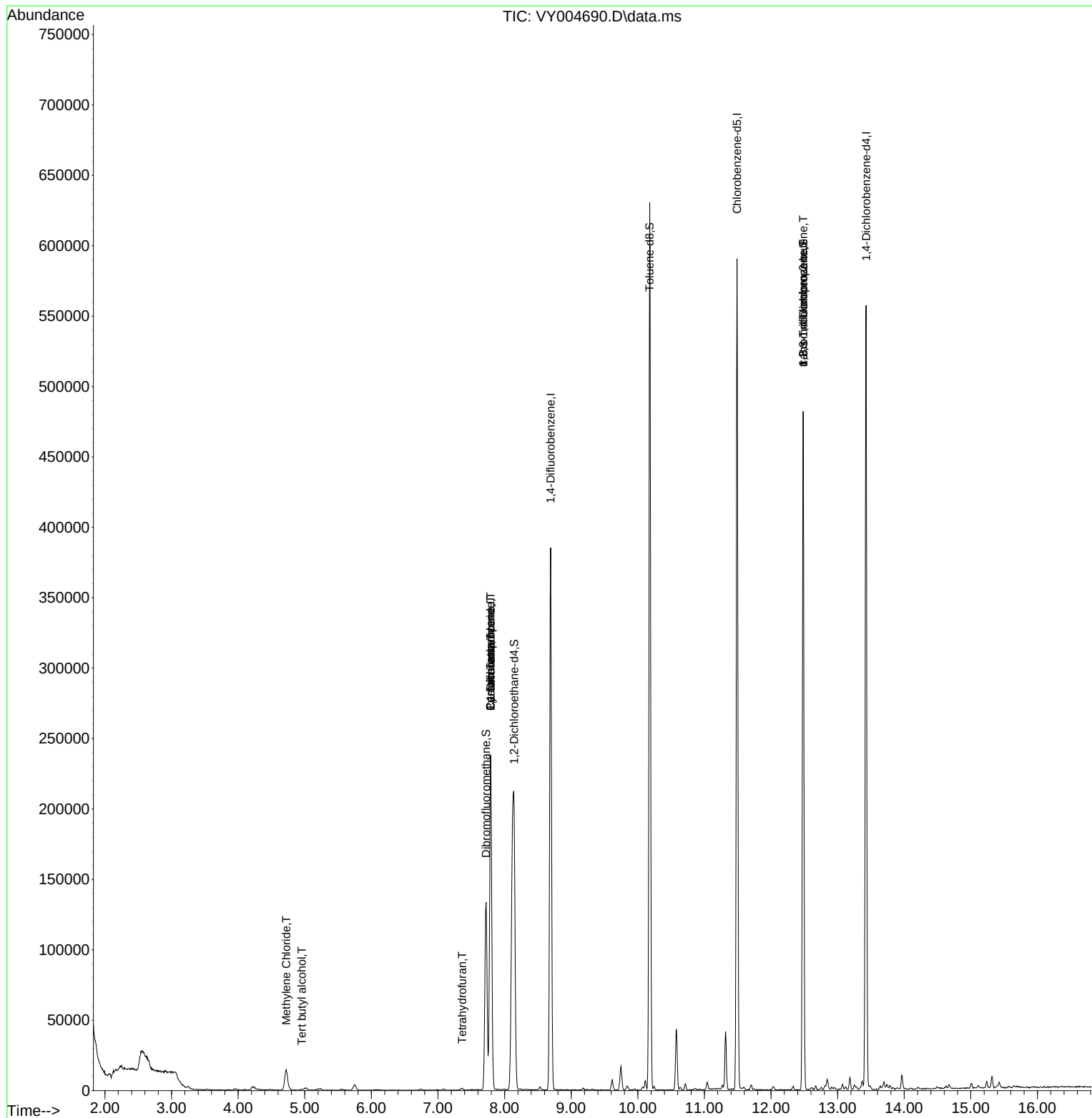
Internal Standards						
1) Pentafluorobenzene	7.789	168	177157	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	308395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	296395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	114356	58.10	ug/l	-0.01
Spiked Amount	50.000	Range 50 - 163	Recovery	= 116.20%		
35) Dibromofluoromethane	7.722	113	92291	53.93	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 107.86%		
50) Toluene-d8	10.179	98	381514	52.41	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.82%		
62) 4-Bromofluorobenzene	12.483	95	132080	53.47	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 106.94%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	1183	6.10	ug/l #	73
16) Acetone	3.960	43	1681	Below Cal		100
20) Methylene Chloride	4.722	84	10165	5.35	ug/l	91
29) Tetrahydrofuran	7.362	42	1081	2.02	ug/l #	62
31) Cyclohexane	7.789	56	4400	1.22	ug/l #	26
36) 1,1-Dichloropropene	7.789	75	14614	4.77	ug/l #	50
38) Carbon Tetrachloride	7.789	117	17944	6.77	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	73677	50.26	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	73677	89.91	ug/l #	12

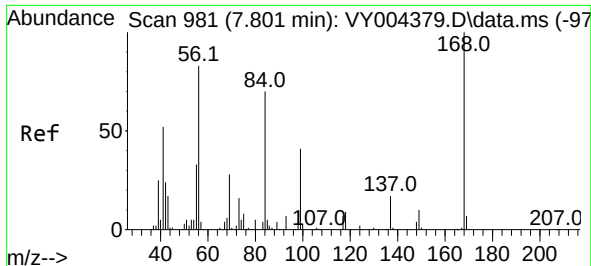
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

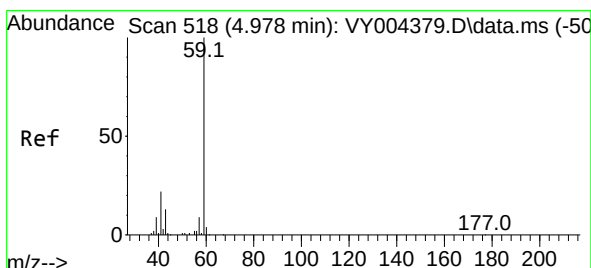
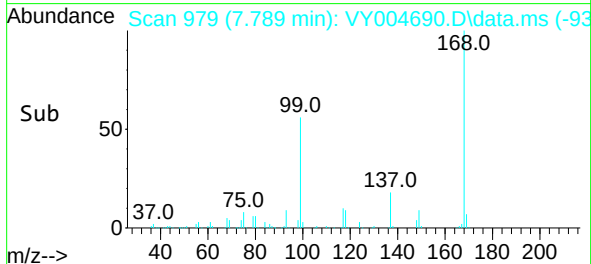
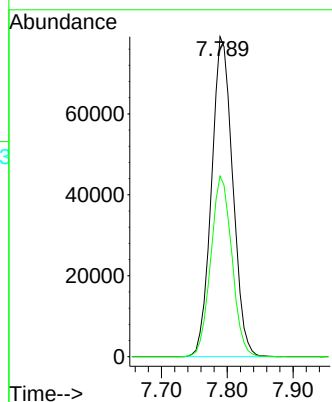
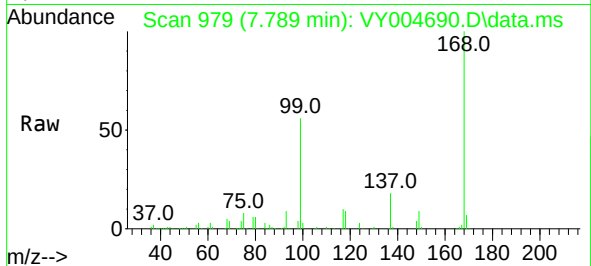




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.012 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

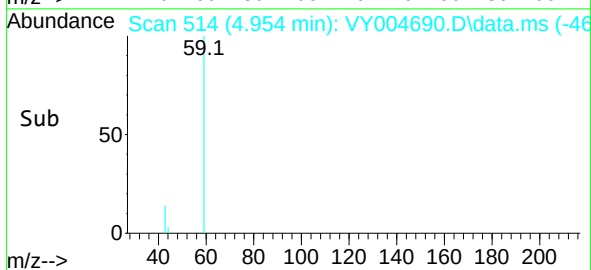
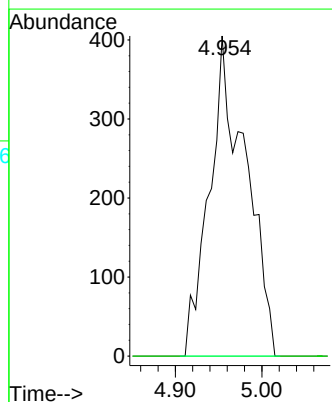
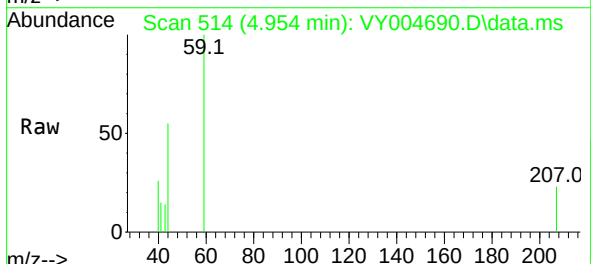
Instrument :
MSVOA_Y
ClientSampled :

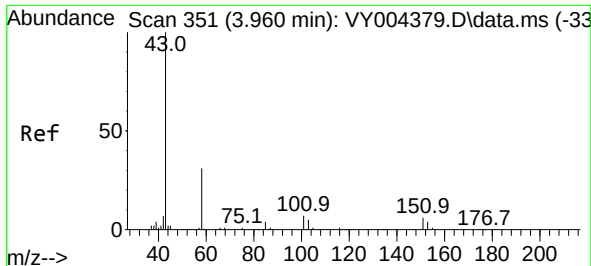
Tgt Ion:168 Resp: 177157
Ion Ratio Lower Upper
168 100
99 56.4 45.5 68.3



#11
Tert butyl alcohol
Concen: 6.10 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

Tgt Ion: 59 Resp: 1183
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

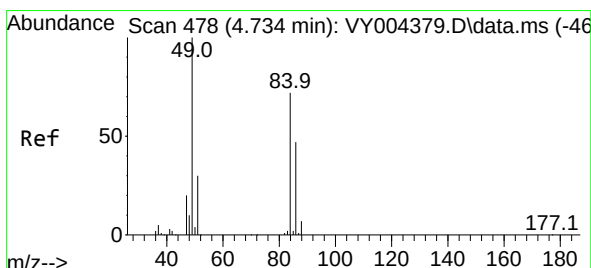
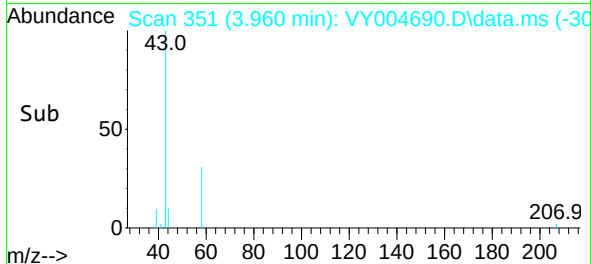
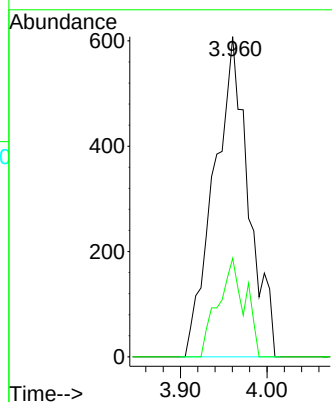
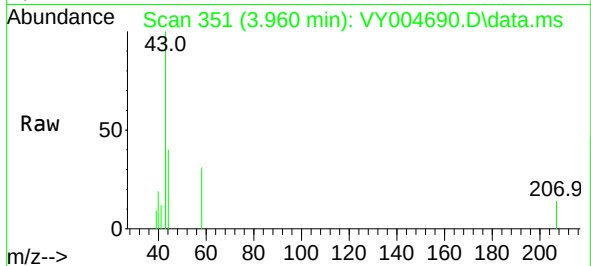




#16
Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

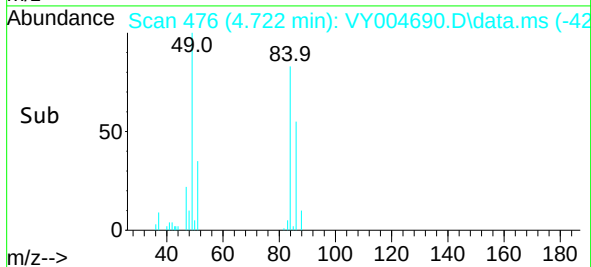
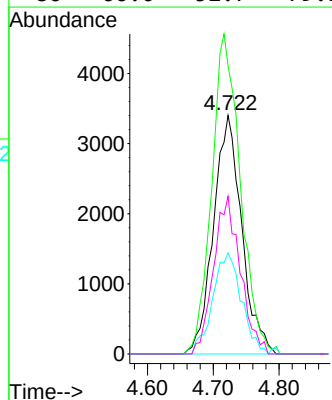
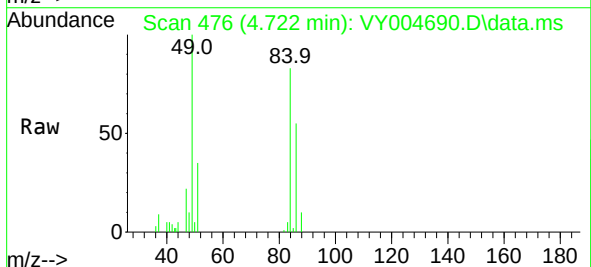
Instrument :
MSVOA_Y
ClientSampled :

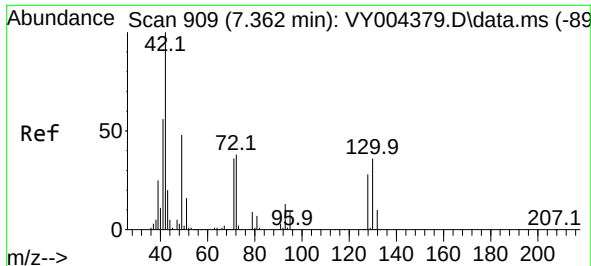
Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 30.8 24.6 37.0



#20
Methylene Chloride
Concen: 5.35 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

Tgt Ion: 84 Resp: 10165
Ion Ratio Lower Upper
84 100
49 120.8 111.2 166.8
51 42.3 33.4 50.2
86 66.0 52.7 79.1





#29

Tetrahydrofuran

Concen: 2.02 ug/l

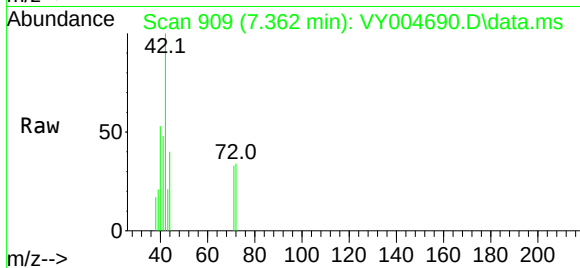
RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

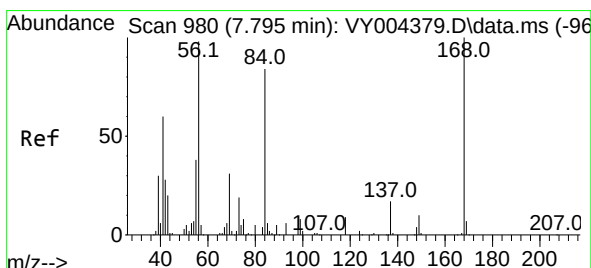
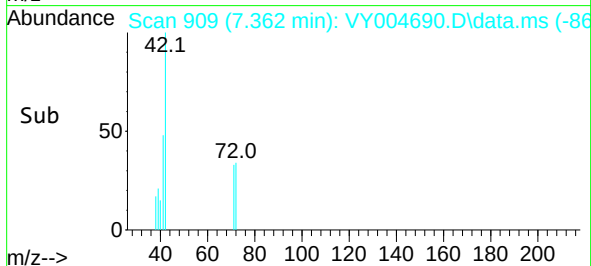
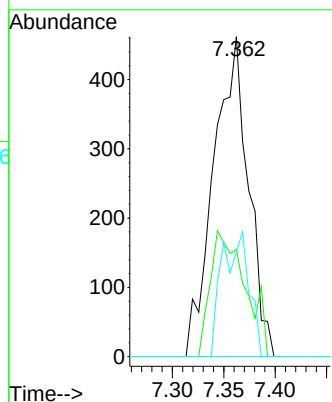
Lab File: VY004690.D

Acq: 03 May 2021 11:01

Instrument :
MSVOA_Y
ClientSampled :



Tgt Ion:	42	Resp:	1081
Ion Ratio	Lower	Upper	
42	100		
72	0.0	31.0	46.4#
71	30.2	28.8	43.2



#31

Cyclohexane

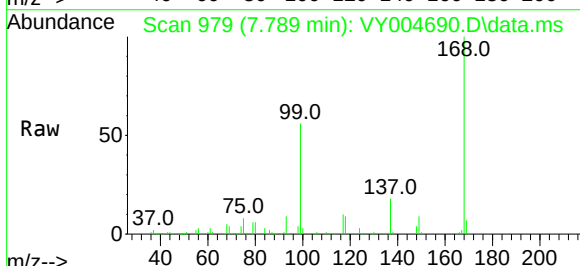
Concen: 1.22 ug/l

RT: 7.789 min Scan# 979

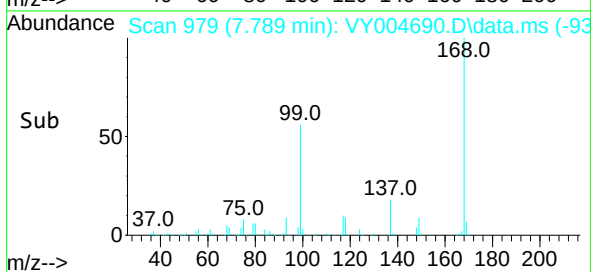
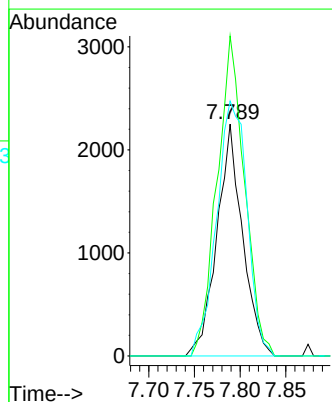
Delta R.T. -0.006 min

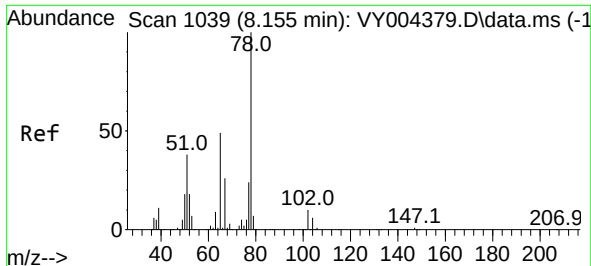
Lab File: VY004690.D

Acq: 03 May 2021 11:01



Tgt Ion:	56	Resp:	4400
Ion Ratio	Lower	Upper	
56	100		
69	138.0	25.8	38.6#
84	113.3	68.2	102.4#

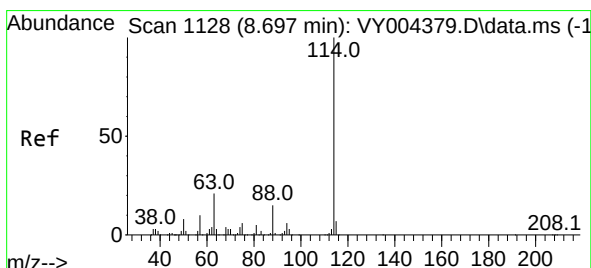
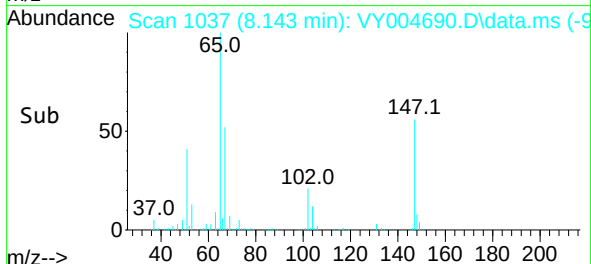
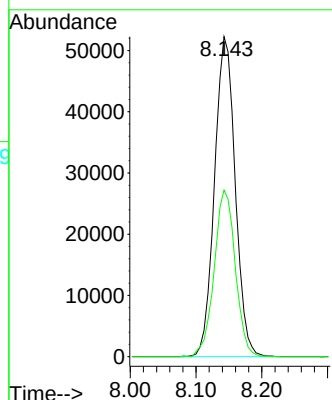
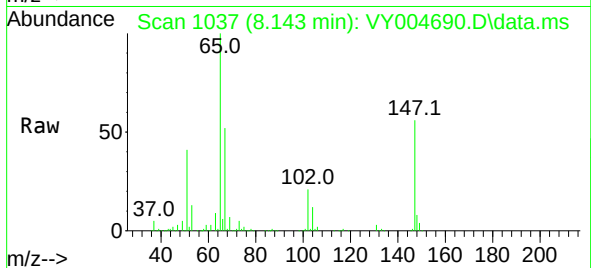




#33
1,2-Dichloroethane-d4
Concen: 58.10 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

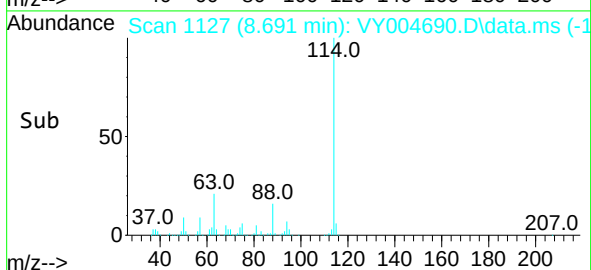
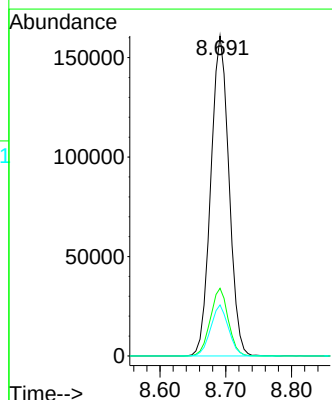
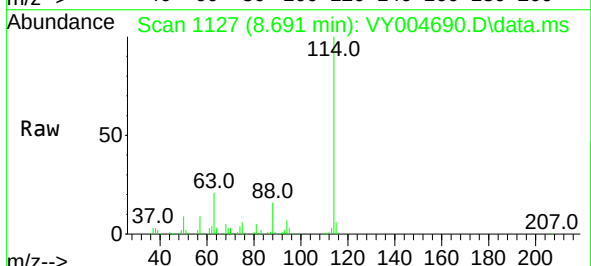
Instrument :
MSVOA_Y
ClientSampled :

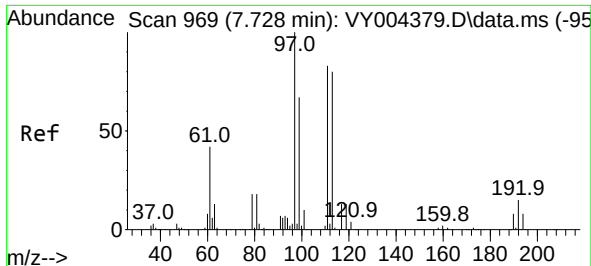
Tgt Ion: 65 Resp: 114356
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

Tgt Ion: 114 Resp: 308395
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.4
88 16.0 0.0 30.8

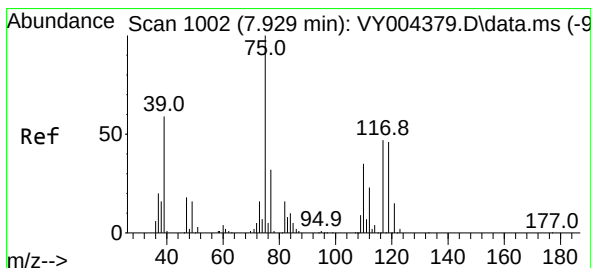
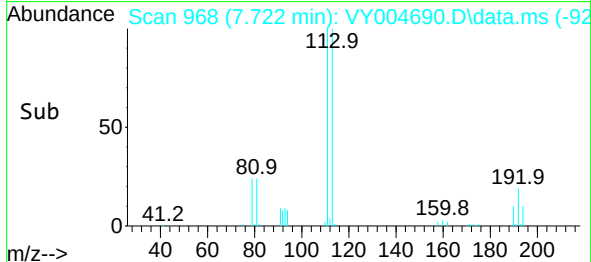
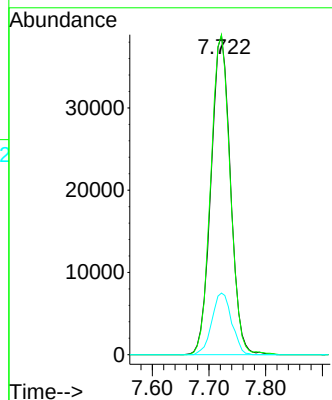
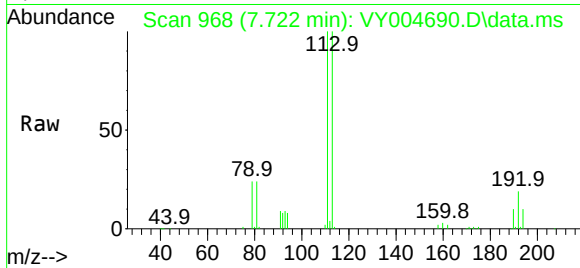




#35
Dibromofluoromethane
Concen: 53.93 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

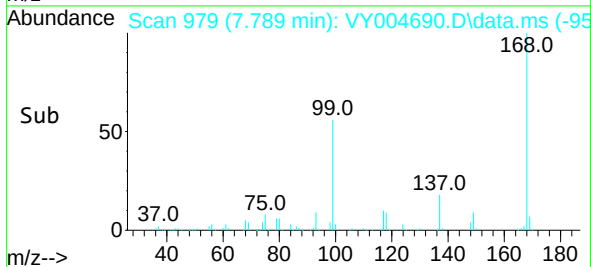
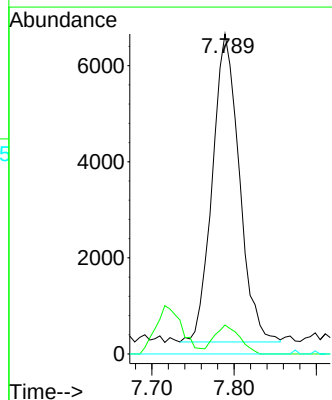
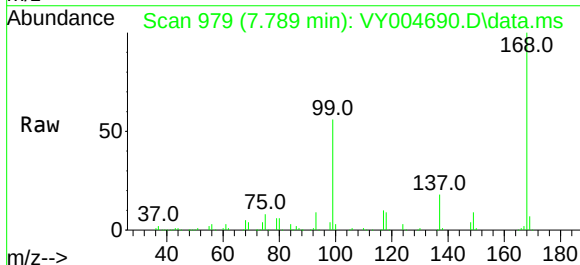
Instrument :
MSVOA_Y
ClientSampled :

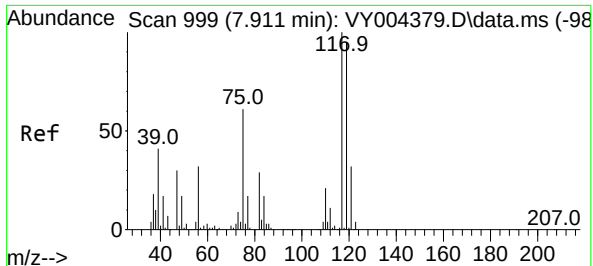
Tgt Ion:113 Resp: 92291
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.140 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

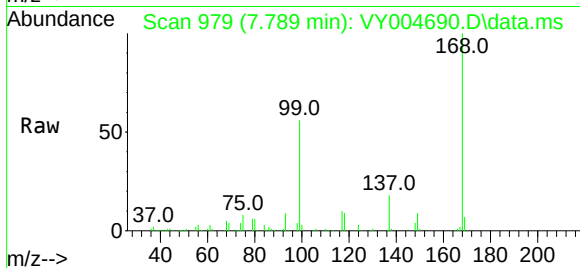
Tgt Ion: 75 Resp: 14614
Ion Ratio Lower Upper
75 100
110 8.7 17.3 51.7#
77 0.0 24.3 36.5#



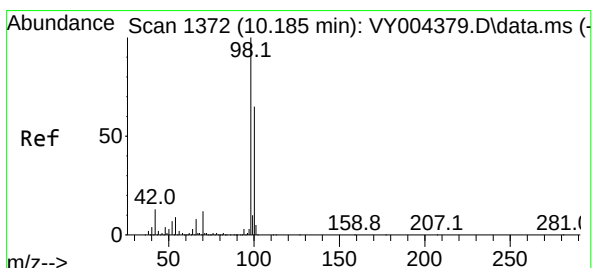
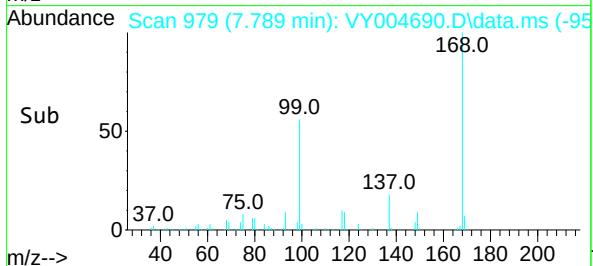
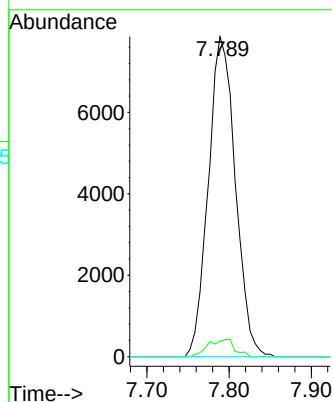


#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

Instrument :
MSVOA_Y
ClientSampleId :

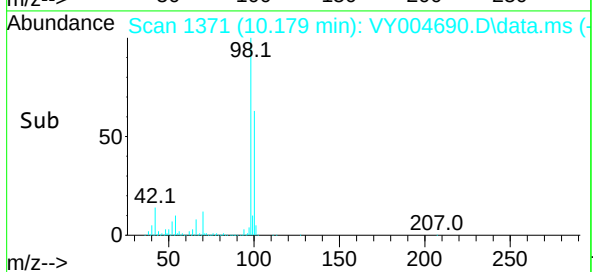
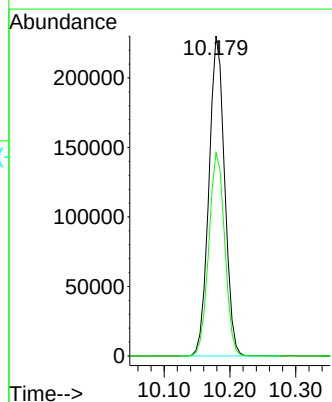
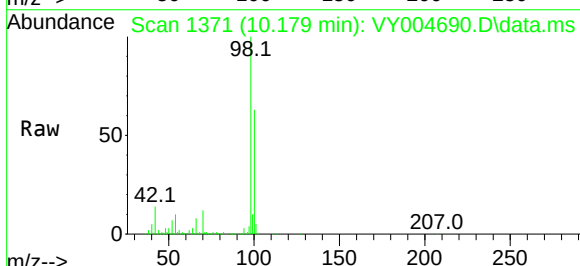


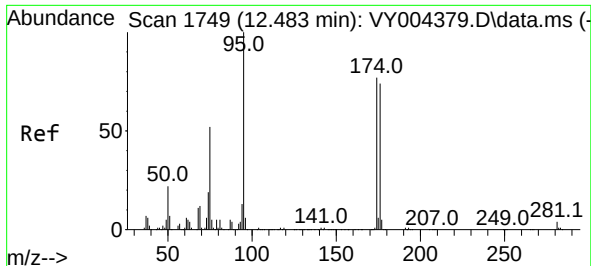
Tgt Ion:117 Resp: 17944
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.41 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

Tgt Ion: 98 Resp: 381514
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.6

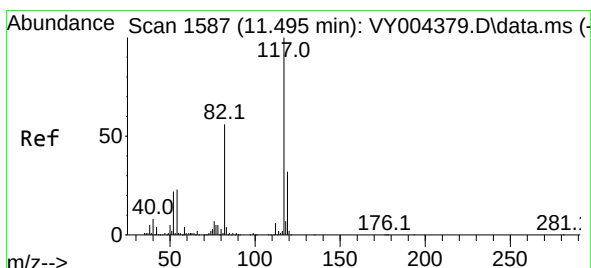
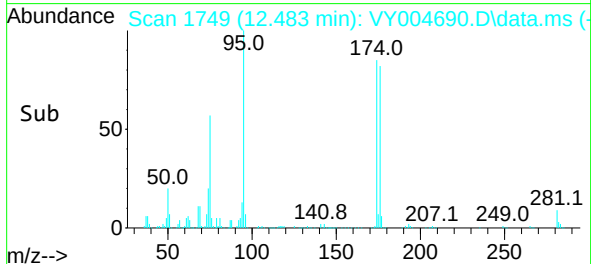
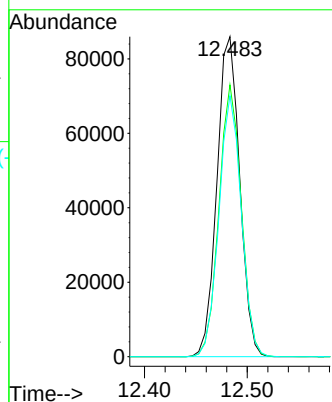
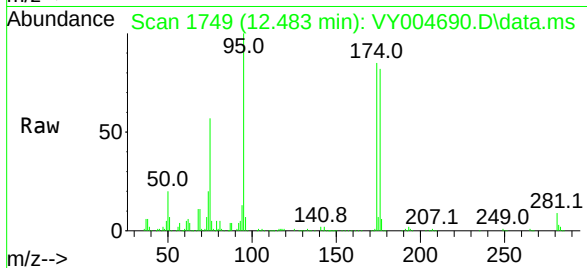




#62
4-Bromofluorobenzene
Concen: 53.47 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

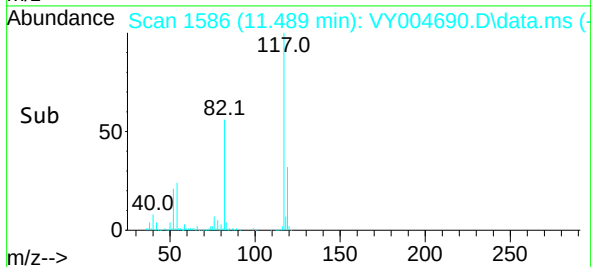
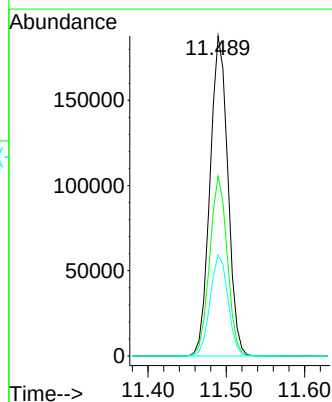
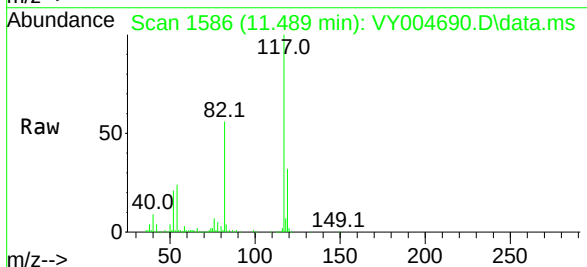
Instrument :
MSVOA_Y
ClientSampleId :

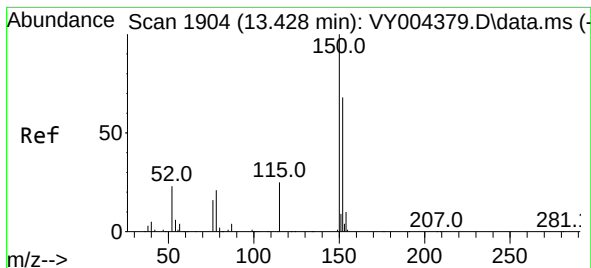
Tgt Ion: 95 Resp: 132080
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.4
176 80.2 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004690.D
Acq: 03 May 2021 11:01

Tgt Ion: 117 Resp: 296395
Ion Ratio Lower Upper
117 100
82 56.2 44.9 67.3
119 31.6 25.4 38.0

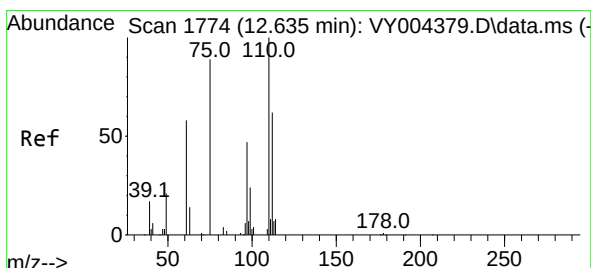
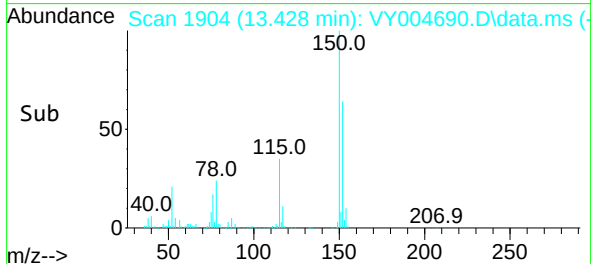
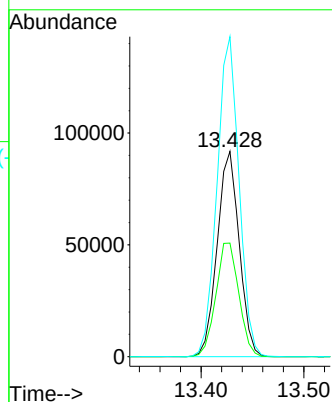
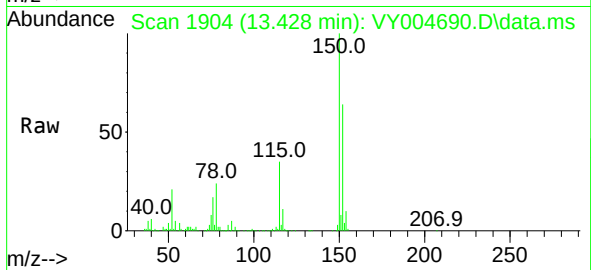




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004690.D
 Acq: 03 May 2021 11:01

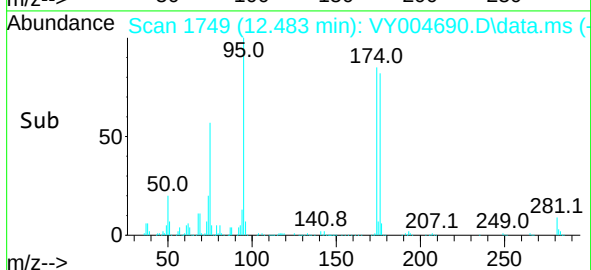
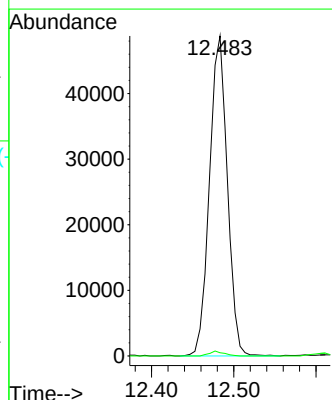
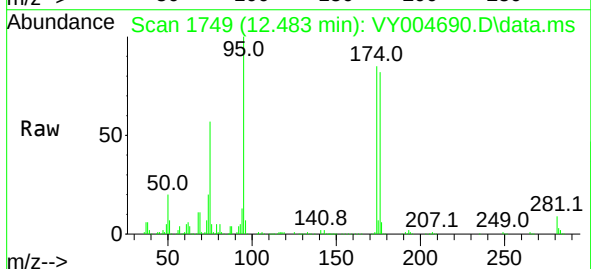
Instrument :
 MSVOA_Y
 ClientSampled :

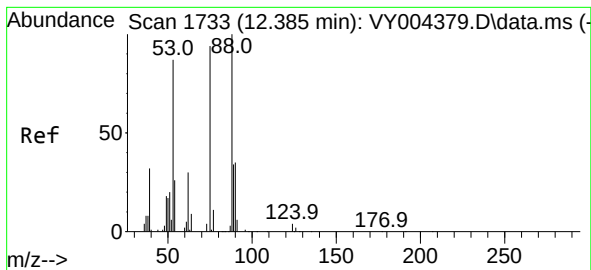
Tgt Ion:152 Resp: 136578
 Ion Ratio Lower Upper
 152 100
 115 57.8 29.6 88.8
 150 155.4 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 50.26 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004690.D
 Acq: 03 May 2021 11:01

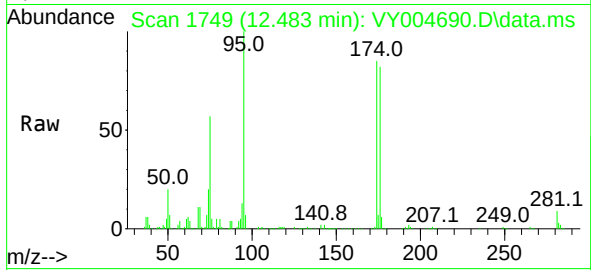
Tgt Ion: 75 Resp: 73677
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.91 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004690.D
 Acq: 03 May 2021 11:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 73677
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.2 36.1 54.1#

