

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050321\
 Data File : VY004697.D
 Acq On : 03 May 2021 17:18
 Operator : SY/MD
 Sample : M2256-03
 Misc : 6.64G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 04 01:15:08 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)

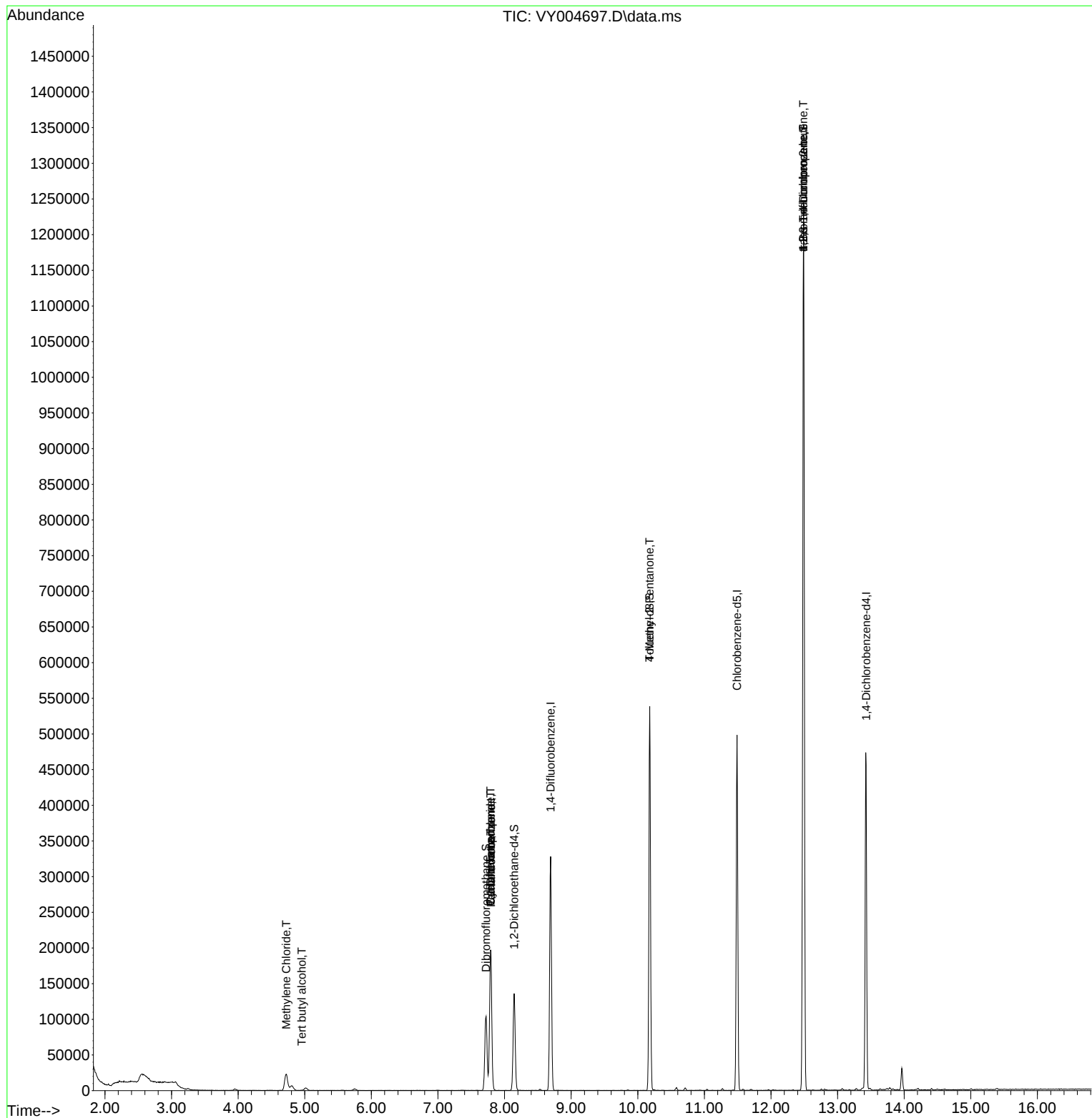
Internal Standards						
1) Pentafluorobenzene	7.795	168	151907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	264789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	252965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104574	61.96	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.92%	
35) Dibromofluoromethane	7.722	113	72753	49.51	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.02%	
50) Toluene-d8	10.179	98	327351	52.37	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.74%	
62) 4-Bromofluorobenzene	12.483	95	117615	55.45	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	507	3.05	ug/l #	73
16) Acetone	3.954	43	3494	Below	Cal	96
20) Methylene Chloride	4.723	84	16838	10.33	ug/l	95
31) Cyclohexane	7.789	56	3942	1.27	ug/l #	30
36) 1,1-Dichloropropene	7.789	75	12477	4.74	ug/l #	50
38) Carbon Tetrachloride	7.789	117	15458	6.80	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1676	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	74487	60.76	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74487	108.70	ug/l #	14

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

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 04 01:15:08 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

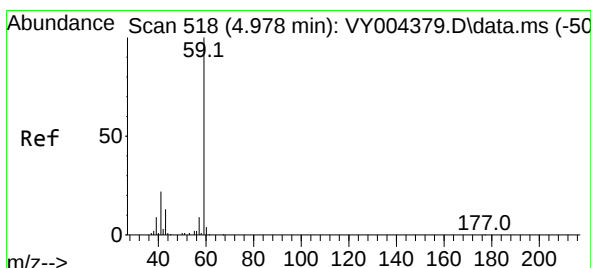
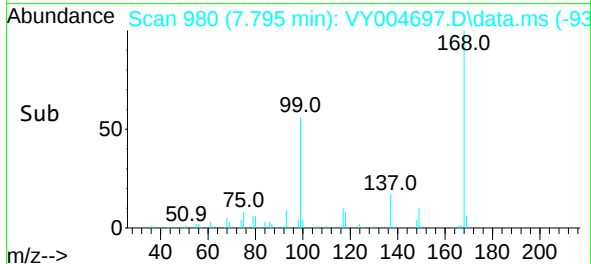
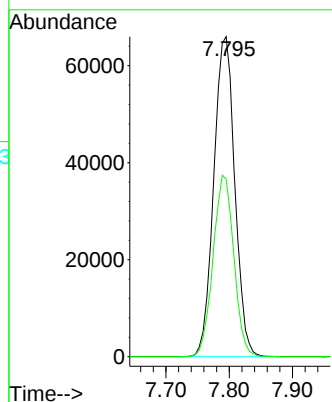
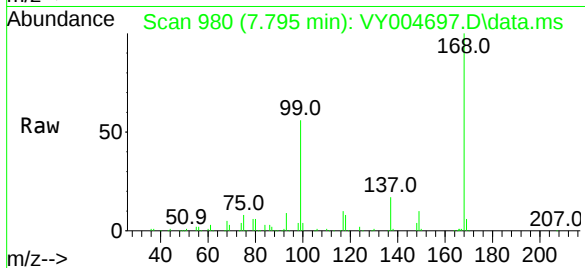




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

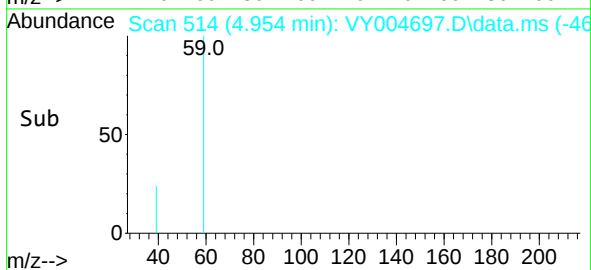
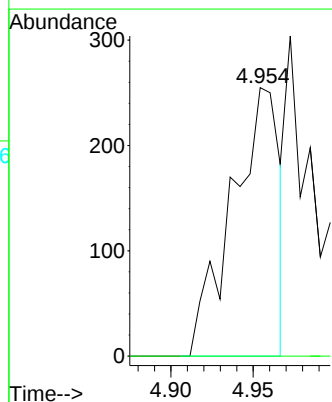
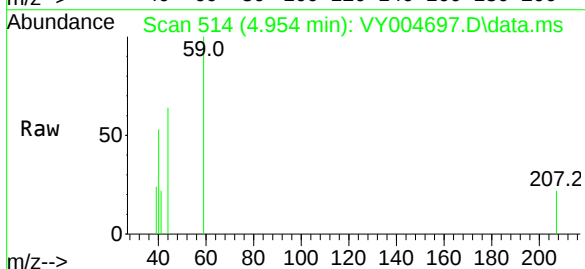
Instrument :
MSVOA_Y
ClientSampleId :

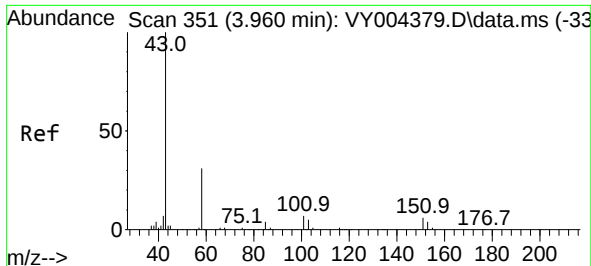
Tgt Ion:168 Resp: 151907
Ion Ratio Lower Upper
168 100
99 55.5 45.5 68.3



#11
Tert butyl alcohol
Concen: 3.05 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.024 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

Tgt Ion: 59 Resp: 507
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

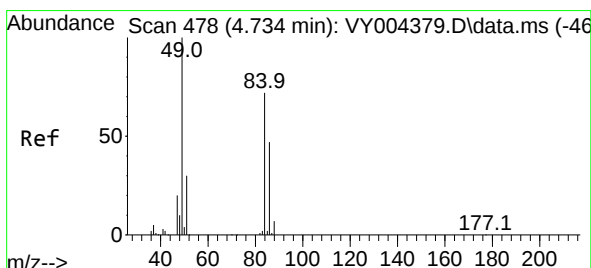
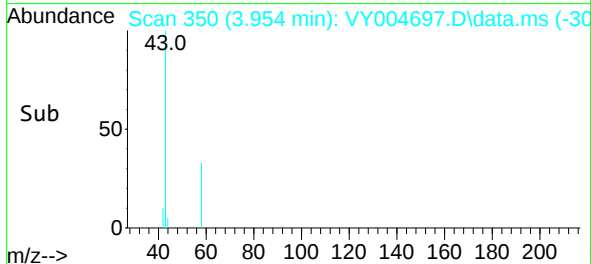
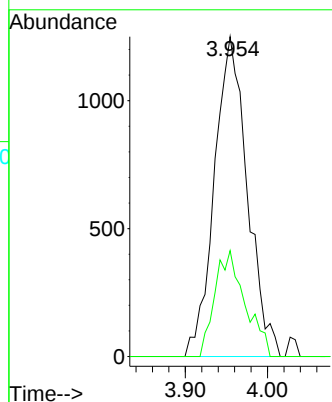
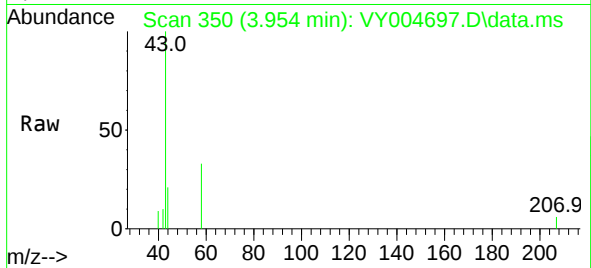




#16
Acetone
Concen: Below Cal
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

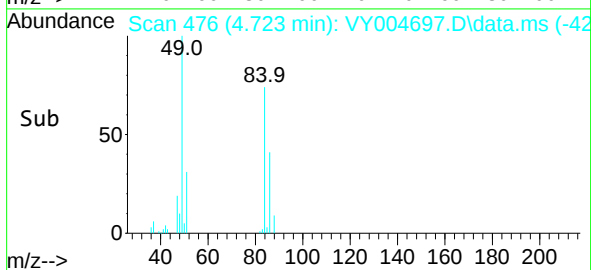
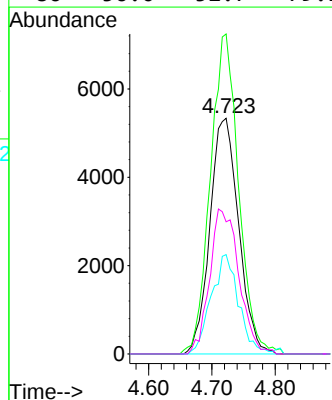
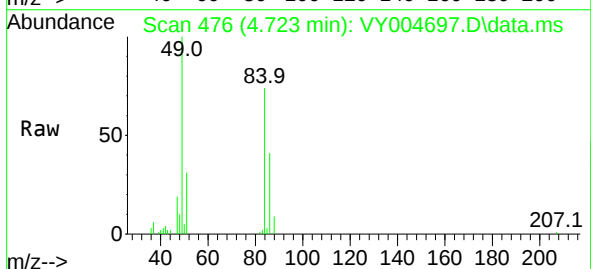
Instrument :
MSVOA_Y
ClientSampled :

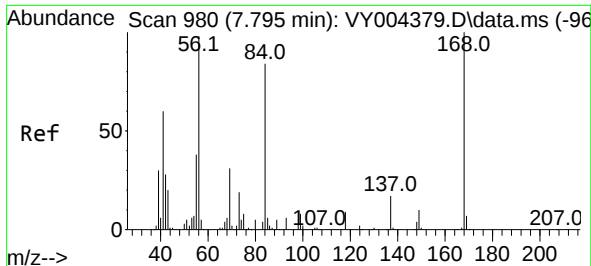
Tgt Ion: 43 Resp: 3494
Ion Ratio Lower Upper
43 100
58 33.1 24.6 37.0



#20
Methylene Chloride
Concen: 10.33 ug/l
RT: 4.723 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

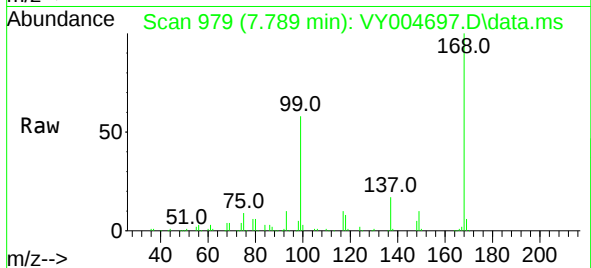
Tgt Ion: 84 Resp: 16838
Ion Ratio Lower Upper
84 100
49 135.8 111.2 166.8
51 42.2 33.4 50.2
86 56.0 52.7 79.1



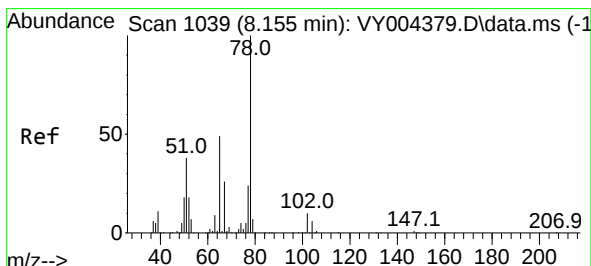
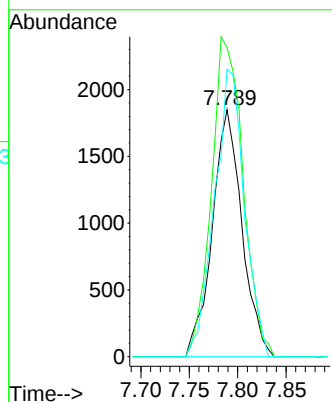
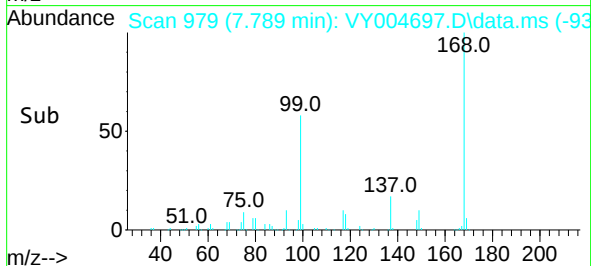


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

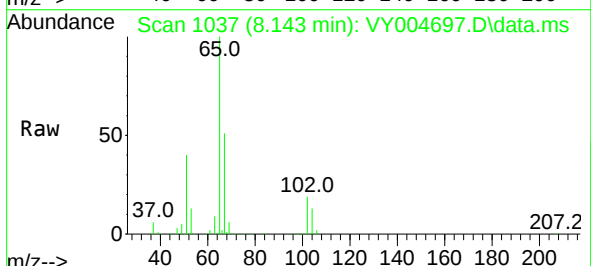
Instrument :
MSVOA_Y
ClientSampleId :



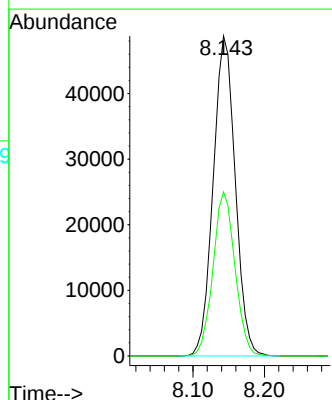
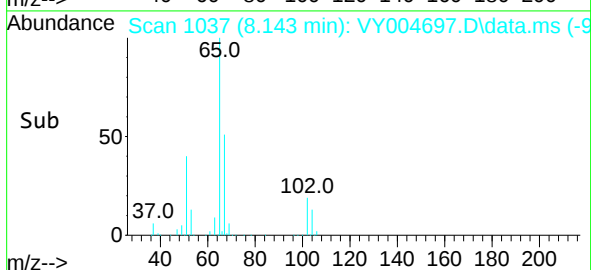
Tgt Ion: 56 Resp: 3942
Ion Ratio Lower Upper
56 100
69 125.2 25.8 38.6#
84 116.5 68.2 102.4#

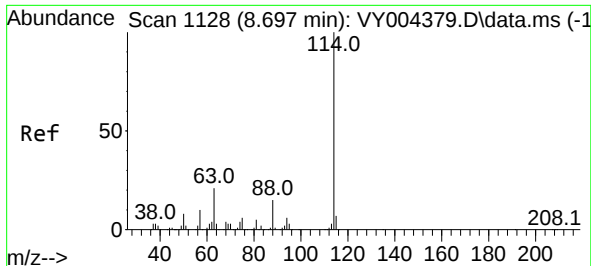


#33
1,2-Dichloroethane-d4
Concen: 61.96 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18



Tgt Ion: 65 Resp: 104574
Ion Ratio Lower Upper
65 100
67 51.0 0.0 106.4

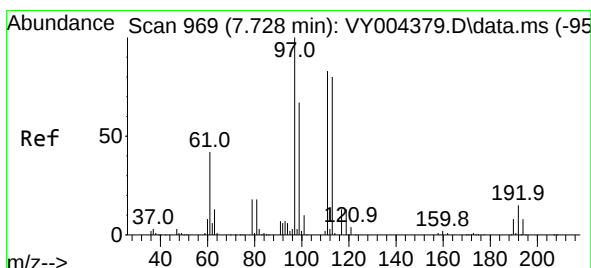
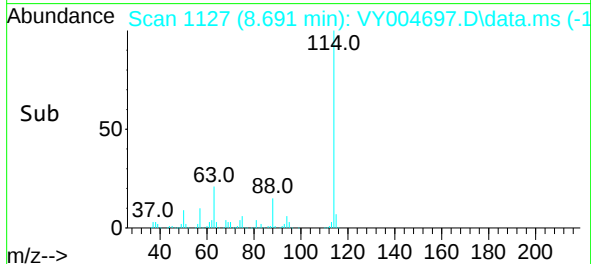
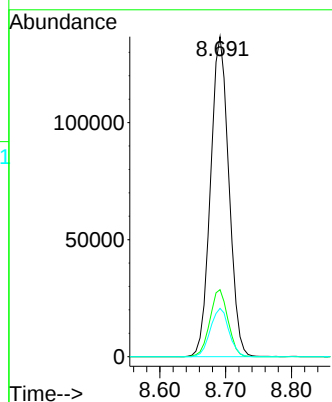
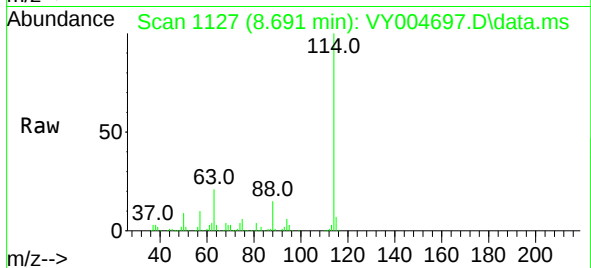




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

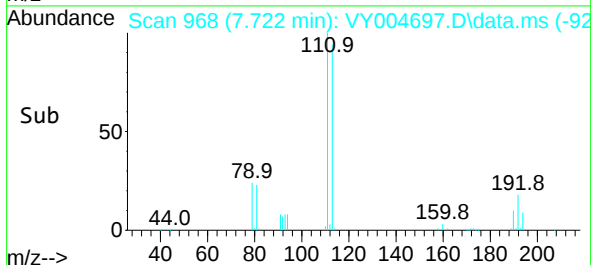
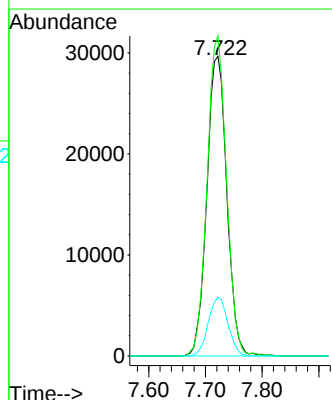
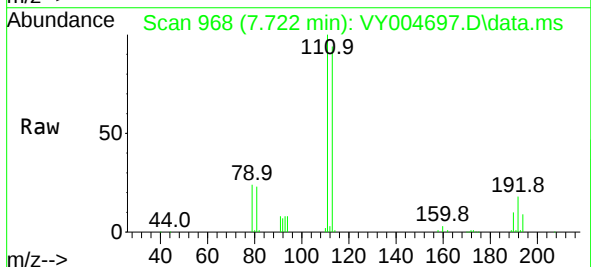
Instrument :
MSVOA_Y
ClientSampleId :

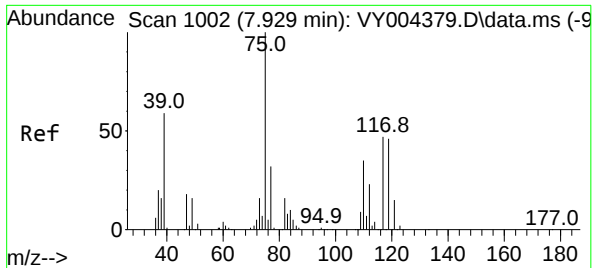
Tgt Ion:114 Resp: 264789
Ion Ratio Lower Upper
114 100
63 21.0 0.0 42.4
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 49.51 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

Tgt Ion:113 Resp: 72753
Ion Ratio Lower Upper
113 100
111 103.7 82.6 123.8
192 19.3 16.1 24.1

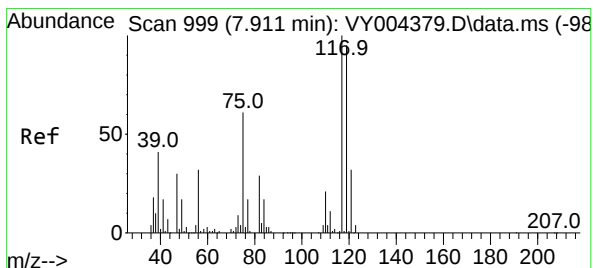
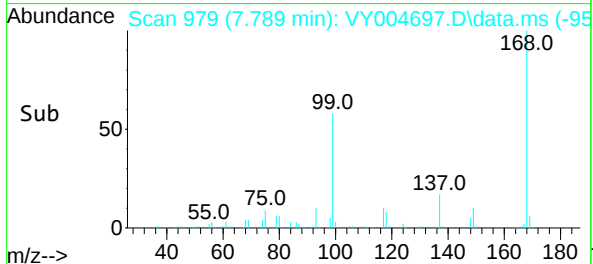
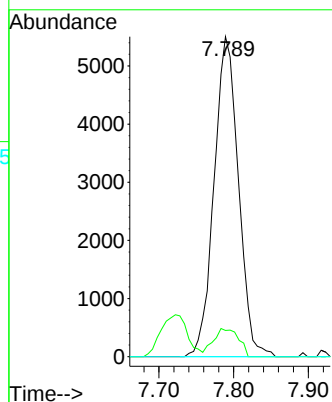
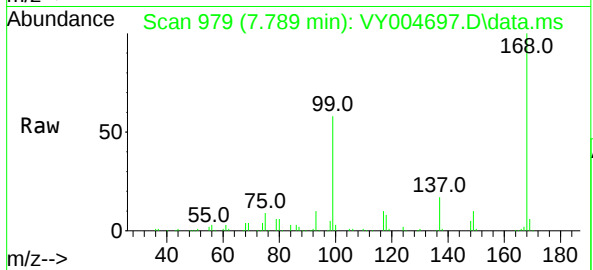




#36
 1,1-Dichloropropene
 Concen: 4.74 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.140 min
 Lab File: VY004697.D
 Acq: 03 May 2021 17:18

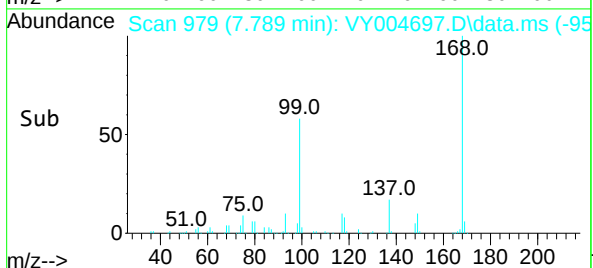
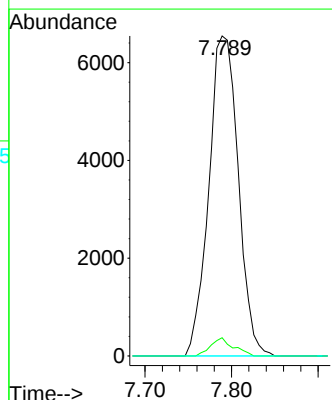
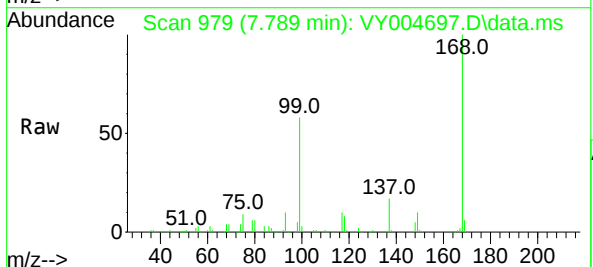
Instrument :
 MSVOA_Y
 ClientSampled :

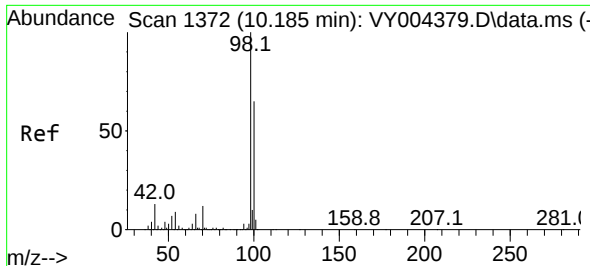
Tgt Ion: 75	Resp: 12477
Ion Ratio	Lower Upper
75 100	
110 9.0	17.3 51.7#
77 0.0	24.3 36.5#



#38
 Carbon Tetrachloride
 Concen: 6.80 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.122 min
 Lab File: VY004697.D
 Acq: 03 May 2021 17:18

Tgt Ion: 117	Resp: 15458
Ion Ratio	Lower Upper
117 100	
119 5.7	75.8 113.8#
121 0.0	25.3 37.9#

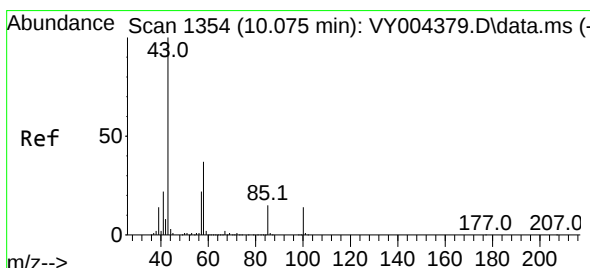
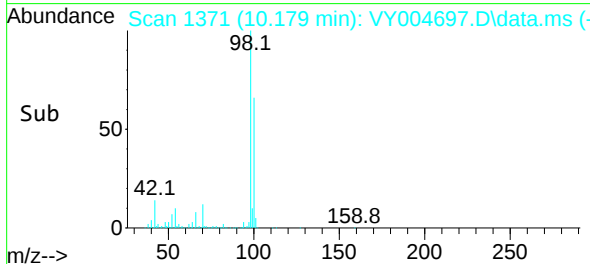
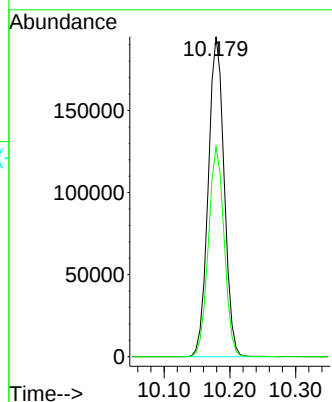
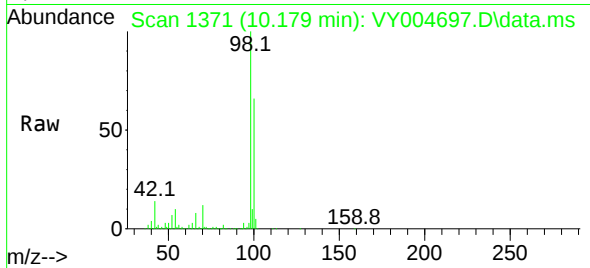




#50
Toluene-d8
Concen: 52.37 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

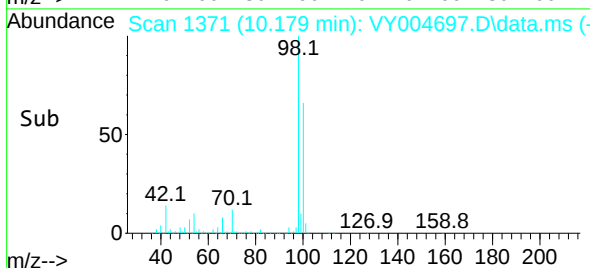
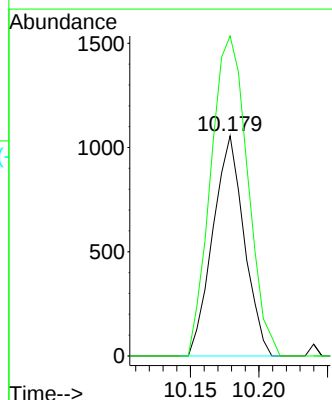
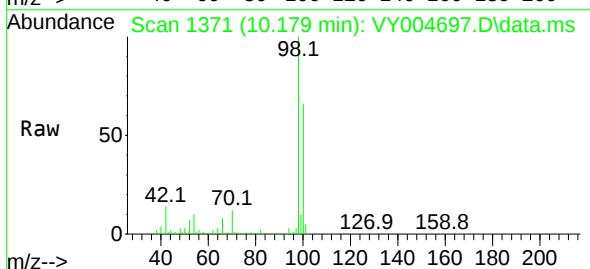
Instrument :
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ClientSampleId :

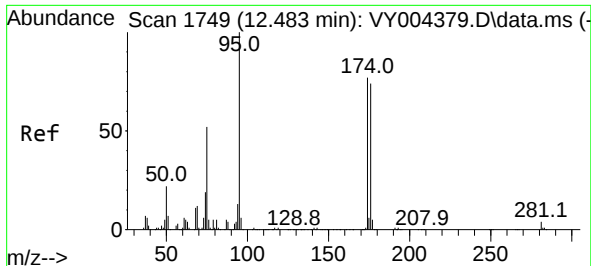
Tgt Ion: 98 Resp: 327351
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

Tgt Ion: 43 Resp: 1676
Ion Ratio Lower Upper
43 100
58 171.0 29.2 43.8#

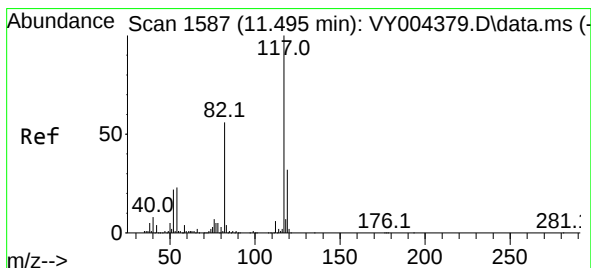
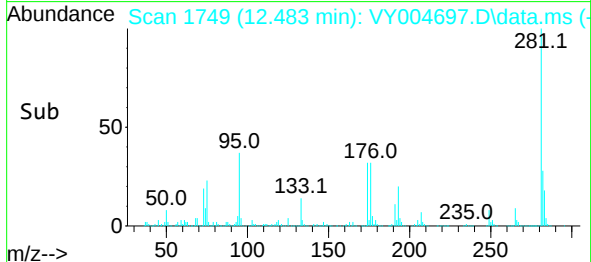
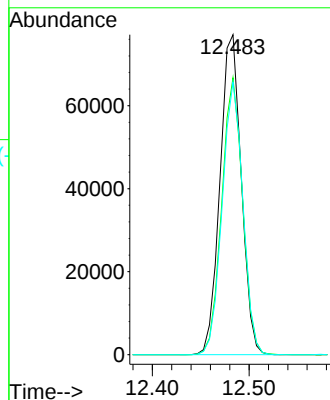
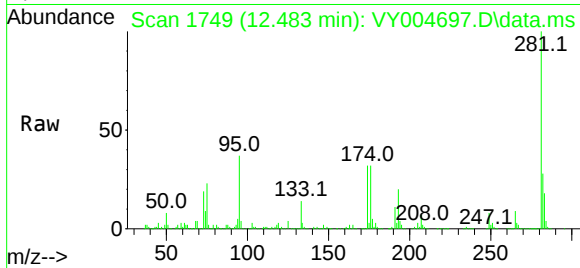




#62
4-Bromofluorobenzene
Concen: 55.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

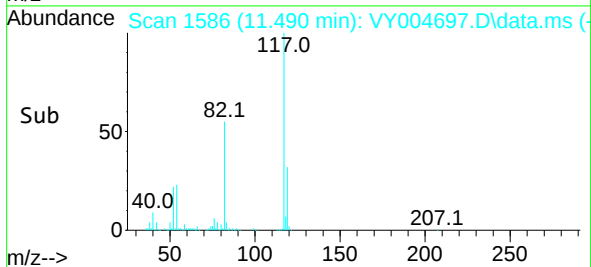
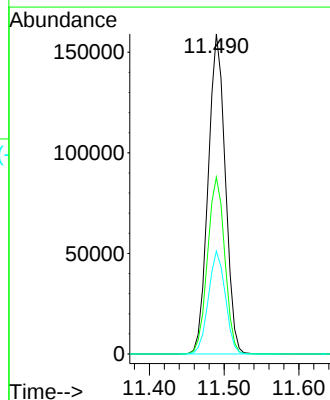
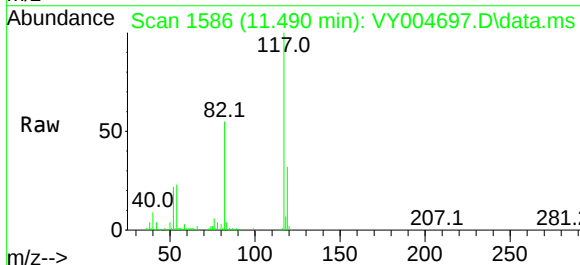
Instrument :
MSVOA_Y
ClientSampleId :

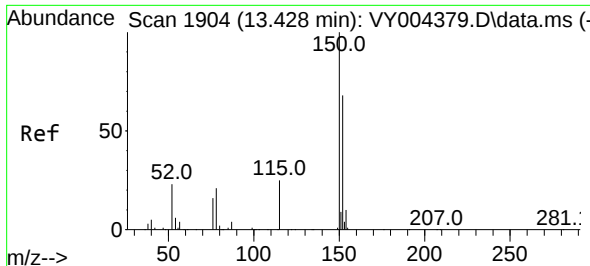
Tgt Ion: 95 Resp: 117615
Ion Ratio Lower Upper
95 100
174 84.7 0.0 162.4
176 83.0 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004697.D
Acq: 03 May 2021 17:18

Tgt Ion: 117 Resp: 252965
Ion Ratio Lower Upper
117 100
82 55.3 44.9 67.3
119 32.2 25.4 38.0

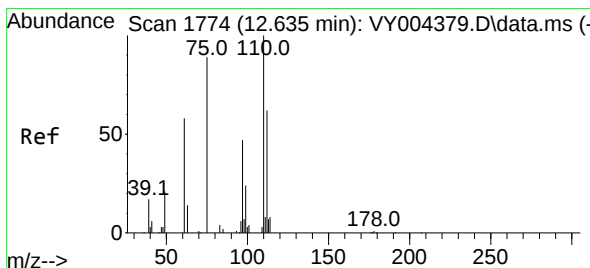
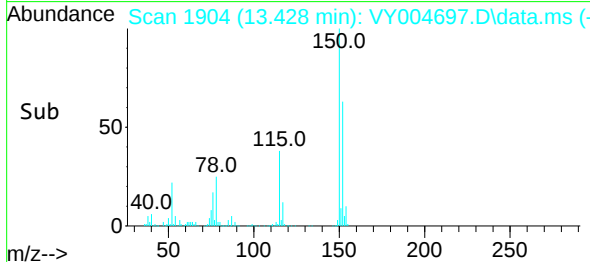
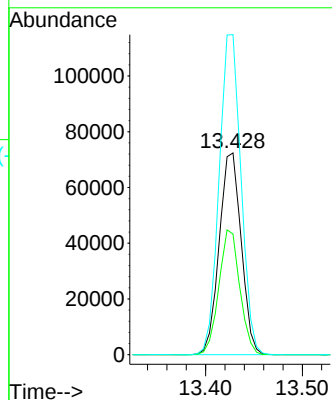
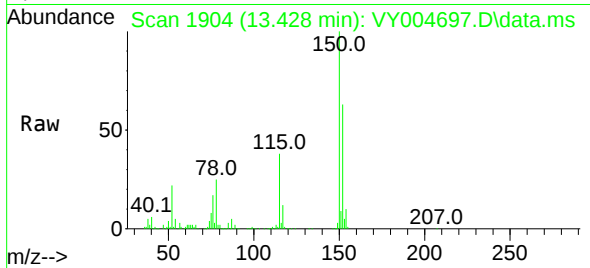




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004697.D
 Acq: 03 May 2021 17:18

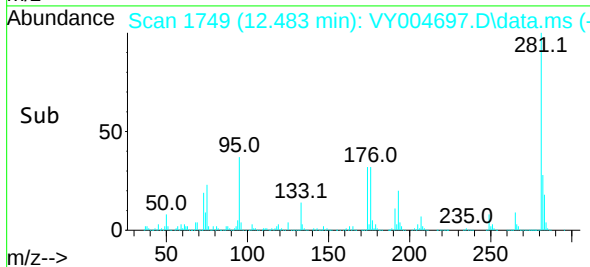
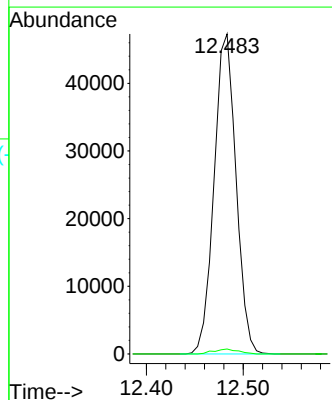
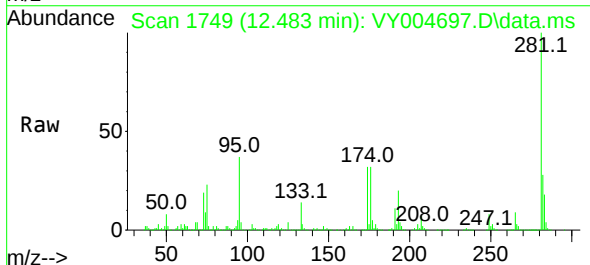
Instrument :
 MSVOA_Y
 ClientSampleId :

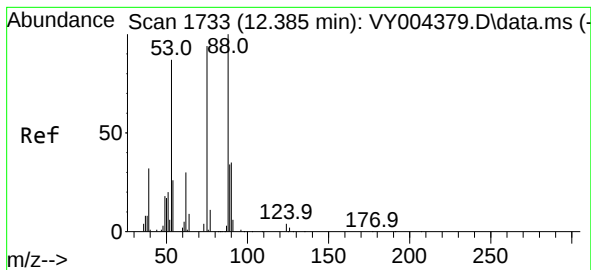
Tgt Ion:152 Resp: 114220
 Ion Ratio Lower Upper
 152 100
 115 58.9 29.6 88.8
 150 157.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 60.76 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004697.D
 Acq: 03 May 2021 17:18

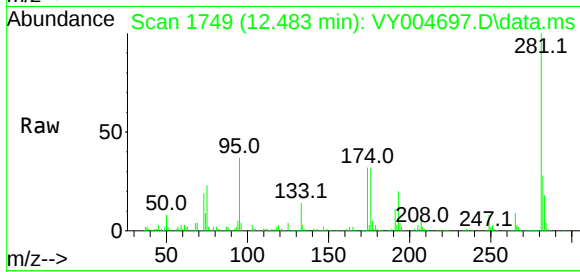
Tgt Ion: 75 Resp: 74487
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 108.70 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004697.D
 Acq: 03 May 2021 17:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 74487
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.0 112.6#
 89 3.9 36.1 54.1#

