

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082021\
 Data File : VY005789.D
 Acq On : 20 Aug 2021 13:45
 Operator : SY/MD
 Sample : M3418-14RE
 Misc : 5.66G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 02:48:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

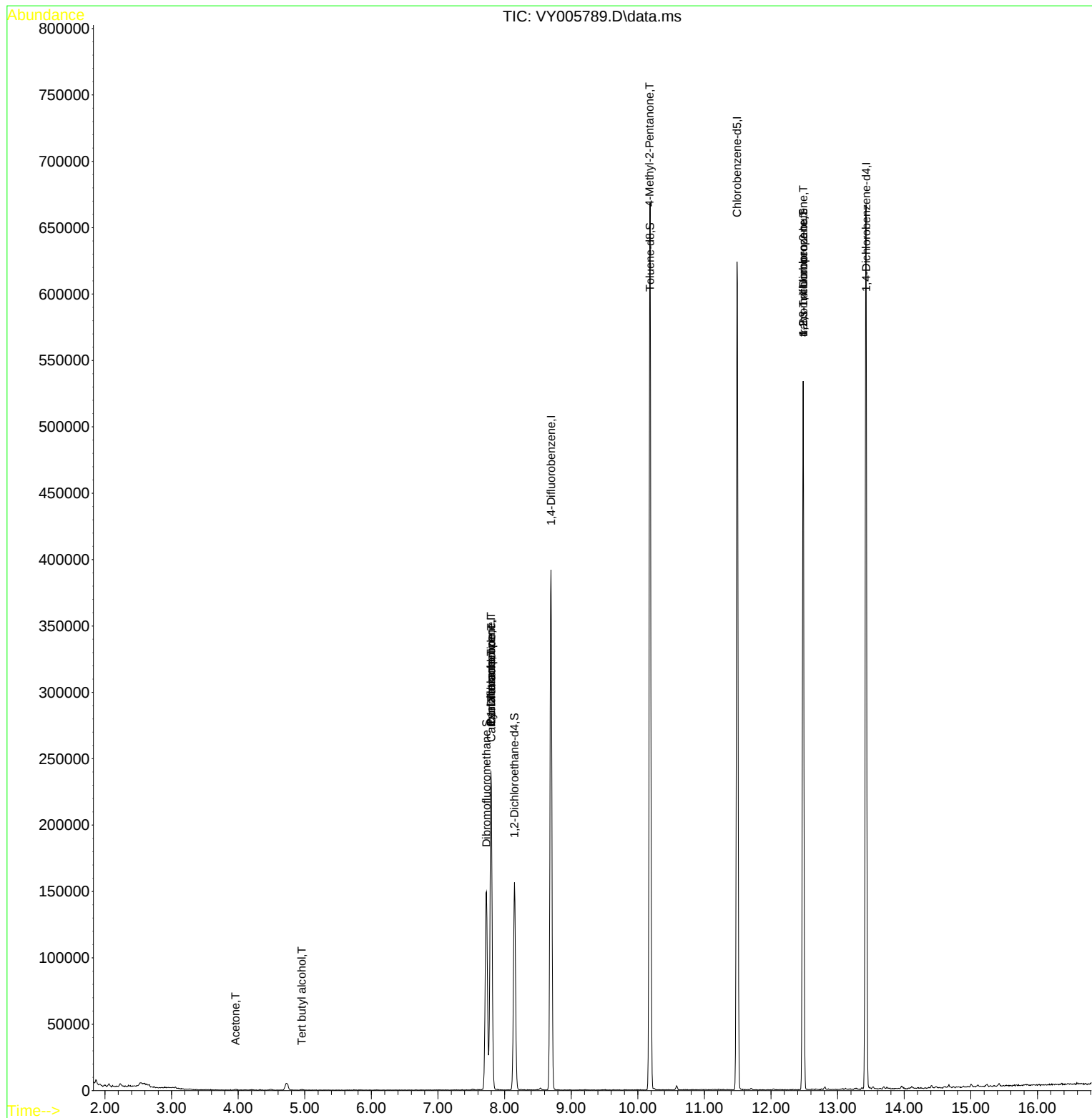
Internal Standards						
1) Pentafluorobenzene	7.795	168	194644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	333288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	342083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	174233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	125899	63.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.800%	
35) Dibromofluoromethane	7.728	113	101791	54.550	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.100%	
50) Toluene-d8	10.185	98	430101	54.959	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.920%	
62) 4-Bromofluorobenzene	12.483	95	149040	57.510	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.020%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	955	4.903	ug/l #	73
16) Acetone	3.960	43	856	1.723	ug/l #	80
20) Methylene Chloride	4.722	84	4008	Below Cal		87
31) Cyclohexane	7.795	56	3730	1.104	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	13817	4.420	ug/l #	49
38) Carbon Tetrachloride	7.801	117	17443	5.134	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1941	1.028	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	82239	45.548	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	82239	91.818	ug/l #	11

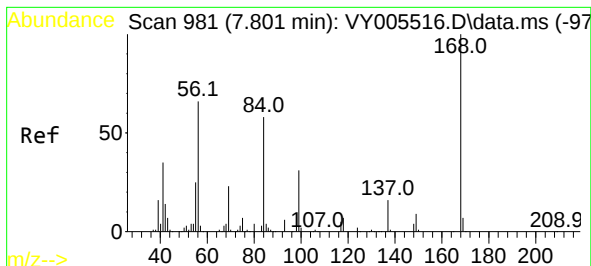
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.006 min

Lab File: VY005789.D

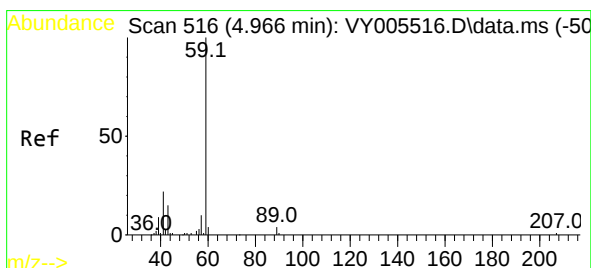
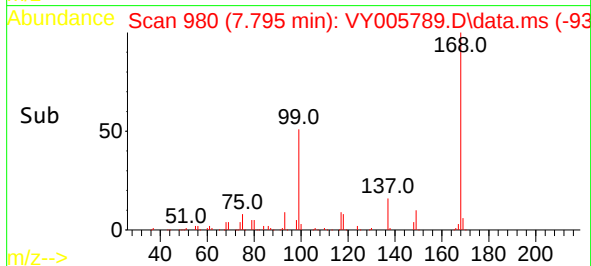
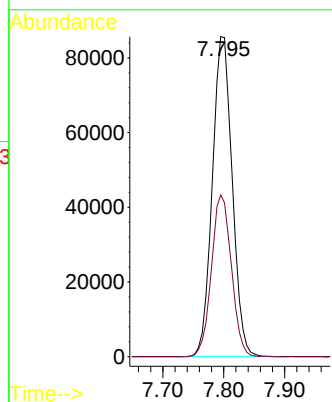
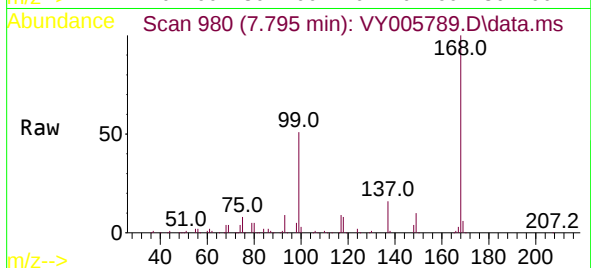
Acq: 20 Aug 2021 13:45

Tgt Ion:168 Resp: 194644

Ion Ratio Lower Upper

168 100

99 50.6 38.9 58.3



#11

Tert butyl alcohol

Concen: 4.903 ug/l

RT: 4.954 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY005789.D

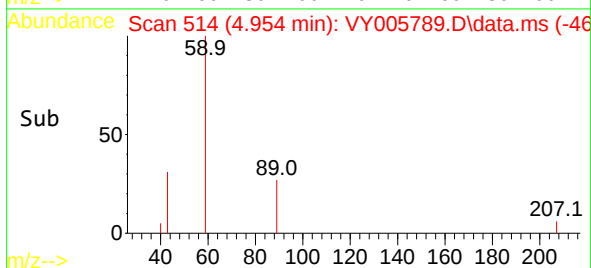
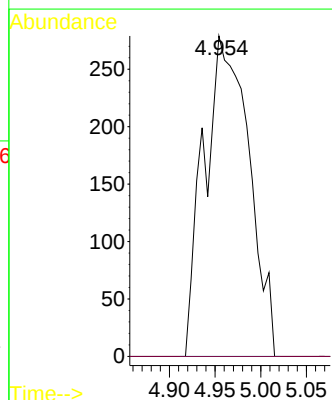
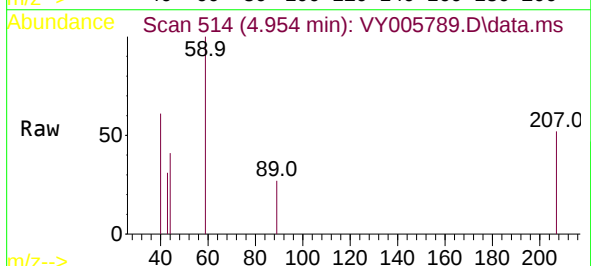
Acq: 20 Aug 2021 13:45

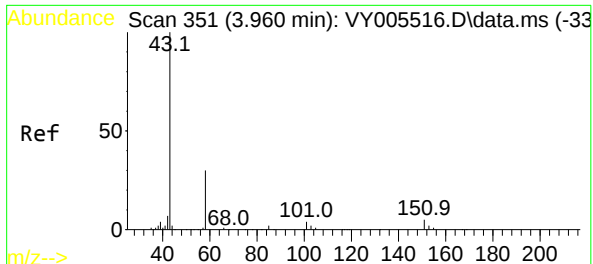
Tgt Ion: 59 Resp: 955

Ion Ratio Lower Upper

59 100

57 0.0 8.0 12.0#

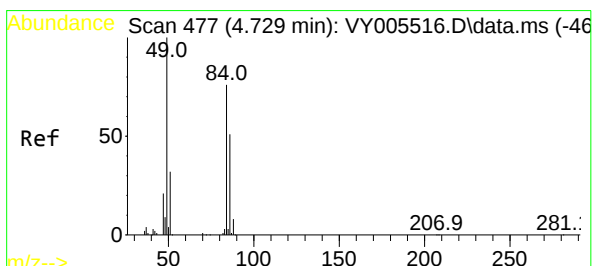
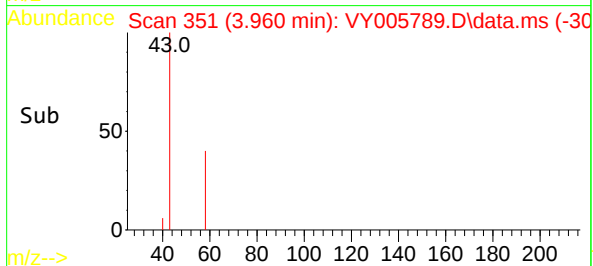
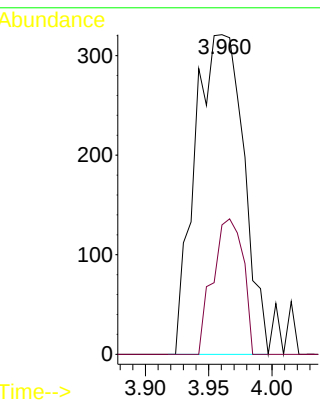
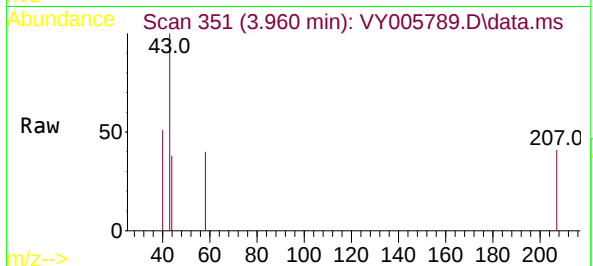




#16
Acetone
Concen: 1.723 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

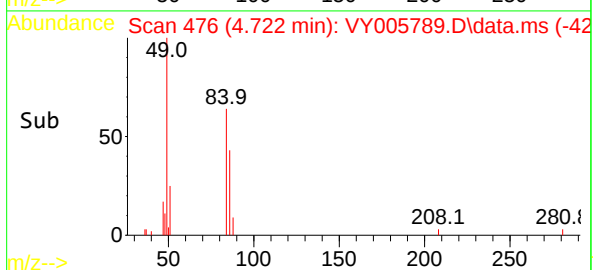
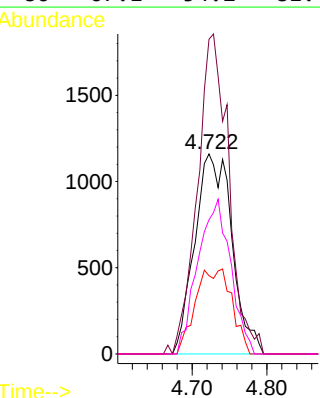
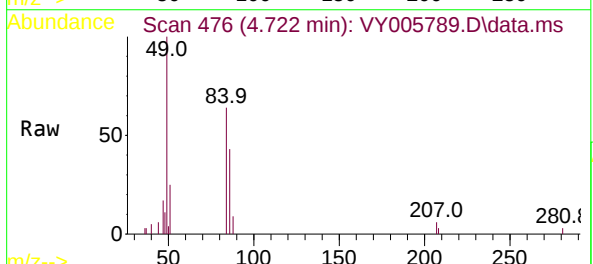
Instrument :
MSVOA_Y
ClientSampled :

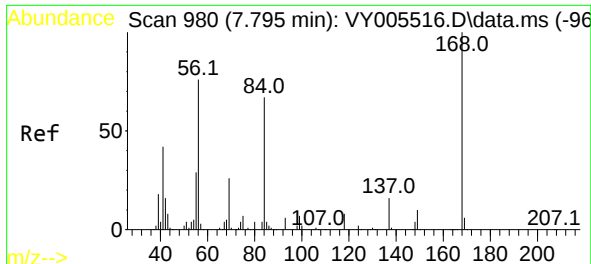
Tgt Ion: 43 Resp: 856
Ion Ratio Lower Upper
43 100
58 40.5 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

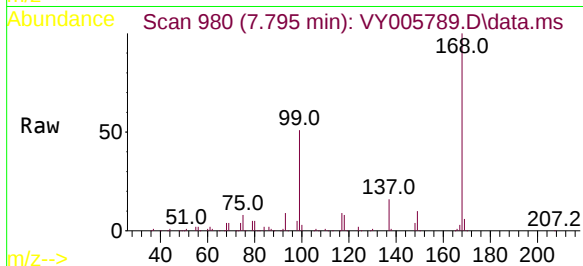
Tgt Ion: 84 Resp: 4008
Ion Ratio Lower Upper
84 100
49 157.3 105.8 158.6
51 39.1 33.4 50.2
86 67.1 54.2 81.4



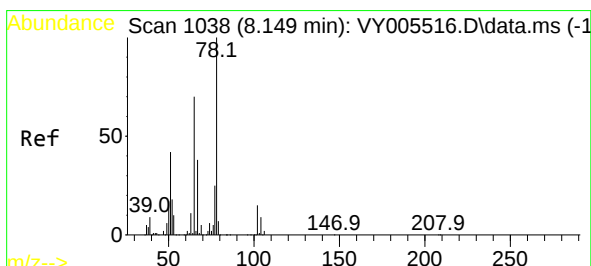
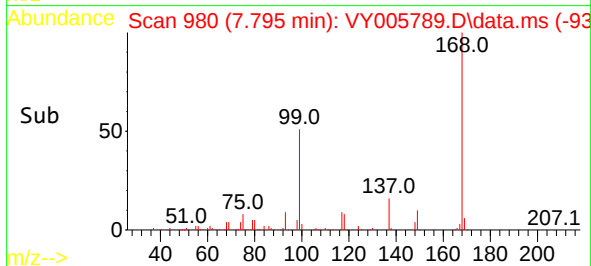
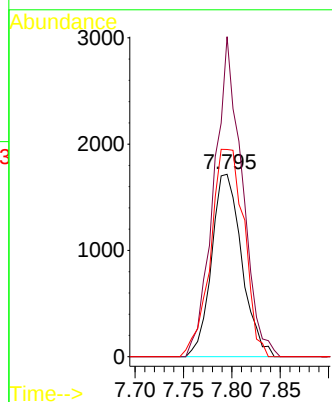


#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

Instrument :
MSVOA_Y
ClientSampleId :

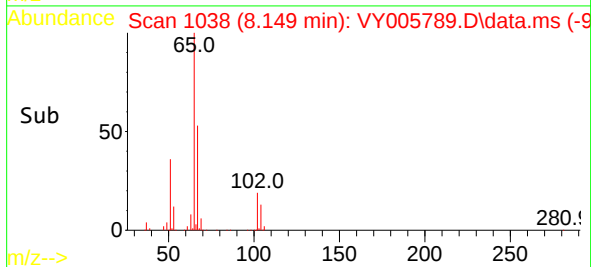
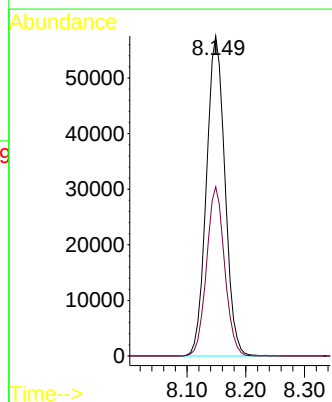
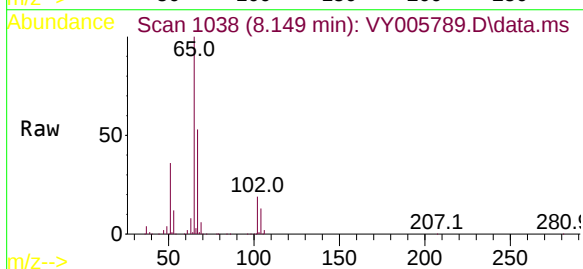


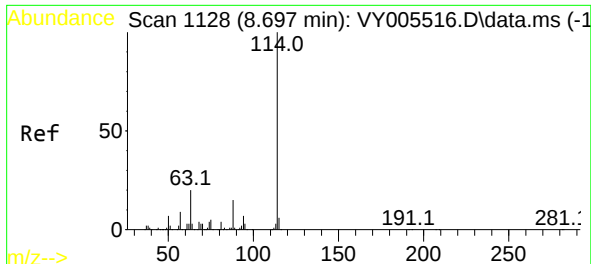
Tgt Ion: 56 Resp: 3730
Ion Ratio Lower Upper
56 100
69 175.4 27.7 41.5#
84 113.6 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 63.899 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

Tgt Ion: 65 Resp: 125899
Ion Ratio Lower Upper
65 100
67 51.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005789.D

Acq: 20 Aug 2021 13:45

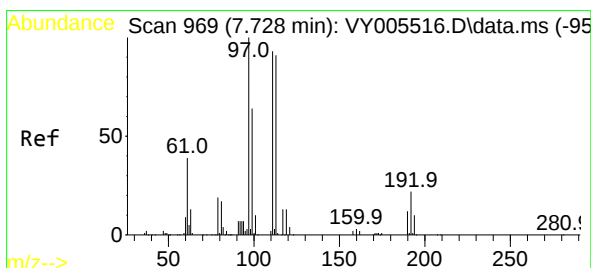
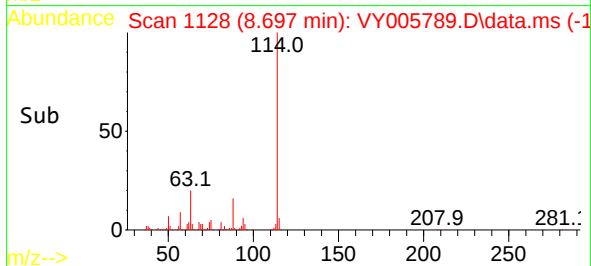
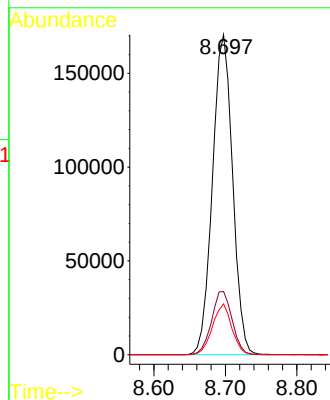
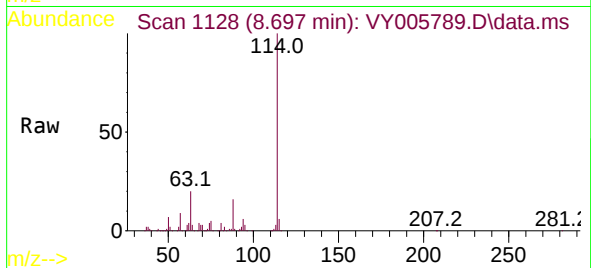
Tgt Ion:114 Resp: 333288

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.2

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.550 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005789.D

Acq: 20 Aug 2021 13:45

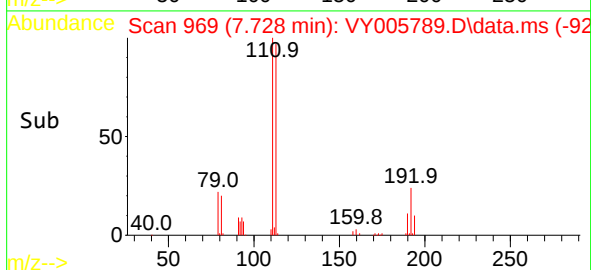
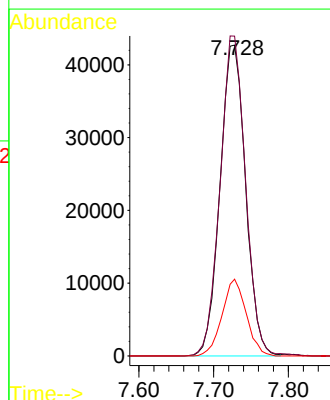
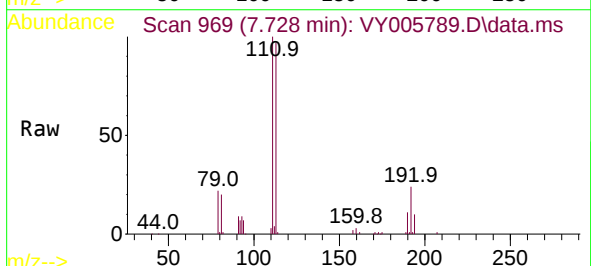
Tgt Ion:113 Resp: 101791

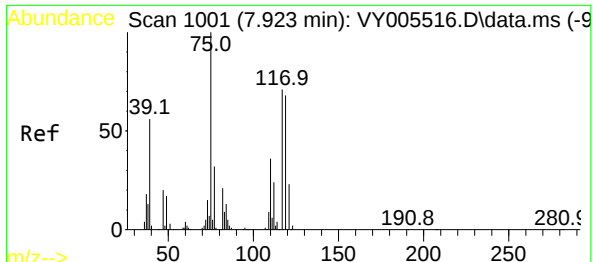
Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

192 23.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.420 ug/l

RT: 7.795 min Scan# 980

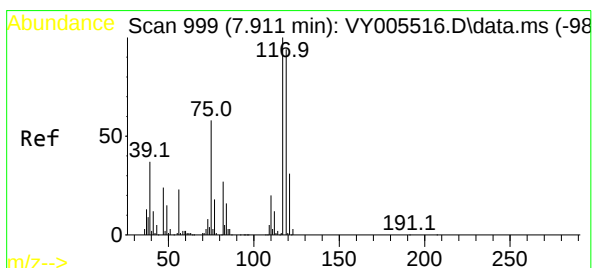
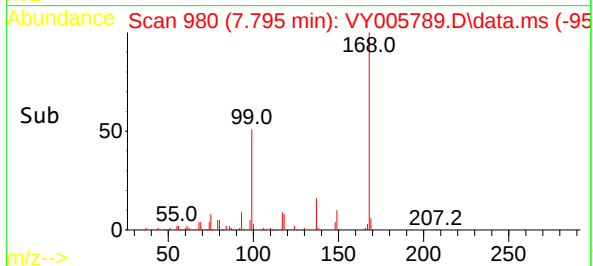
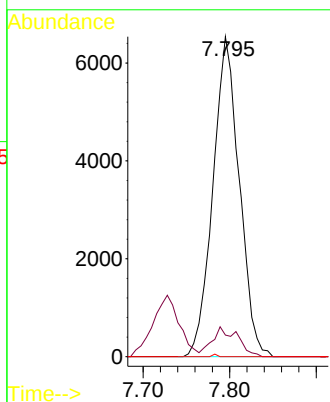
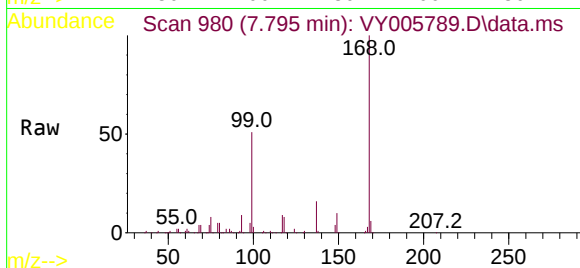
Delta R.T. -0.128 min

Lab File: VY005789.D

Acq: 20 Aug 2021 13:45

Tgt Ion: 75	Resp: 13817
Ion Ratio	Lower Upper
75 100	
110 9.0	18.1 54.1#
77 0.1	25.1 37.7#

Instrument :
MSVOA_Y
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.134 ug/l

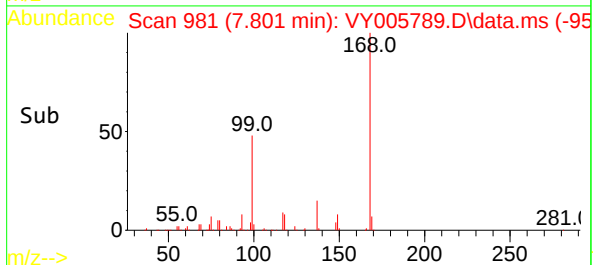
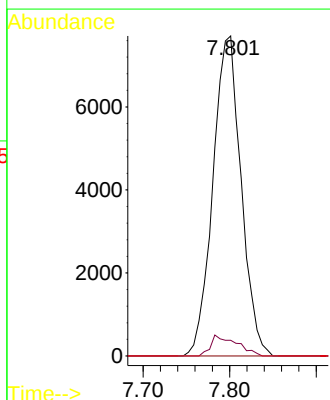
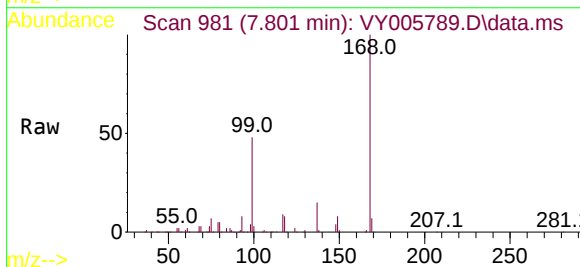
RT: 7.801 min Scan# 981

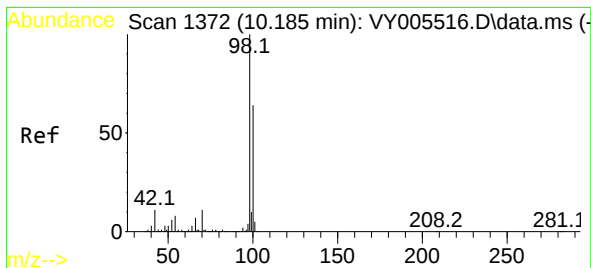
Delta R.T. -0.110 min

Lab File: VY005789.D

Acq: 20 Aug 2021 13:45

Tgt Ion: 117	Resp: 17443
Ion Ratio	Lower Upper
117 100	
119 4.9	75.4 113.0#
121 0.0	25.1 37.7#

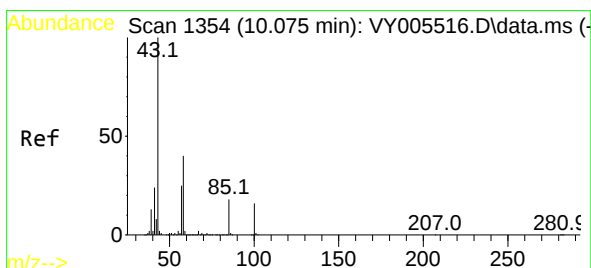
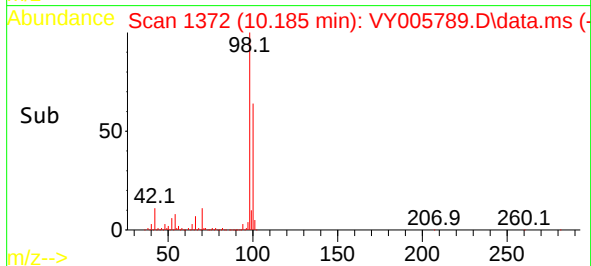
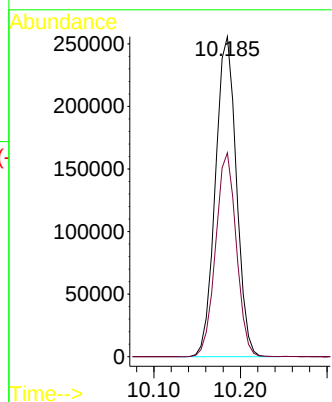
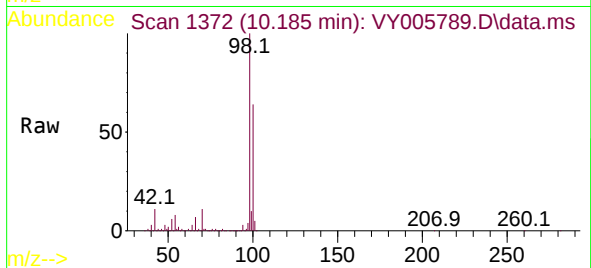




#50
Toluene-d8
Concen: 54.959 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

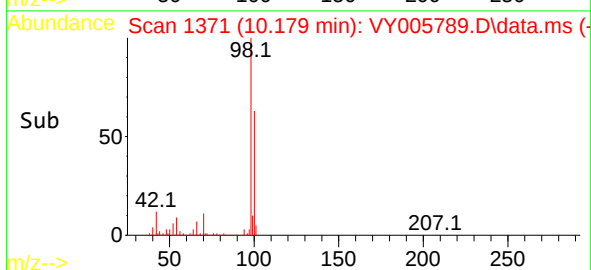
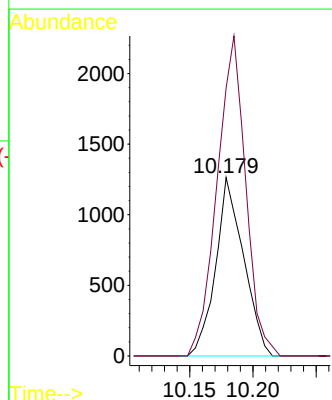
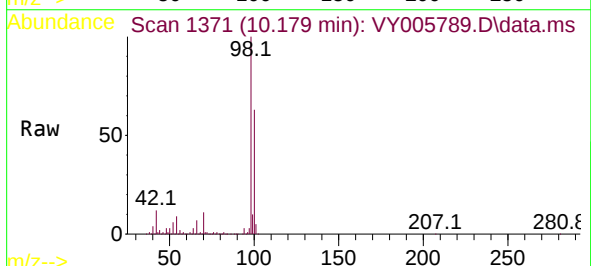
Instrument :
MSVOA_Y
ClientSampled :

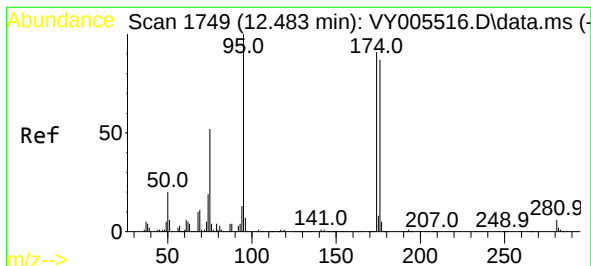
Tgt Ion: 98 Resp: 430101
Ion Ratio Lower Upper
98 100
100 62.8 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.028 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

Tgt Ion: 43 Resp: 1941
Ion Ratio Lower Upper
43 100
58 183.4 31.4 47.2#

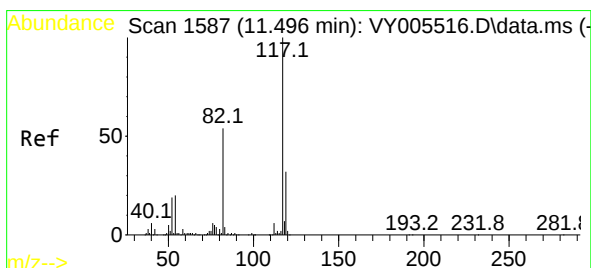
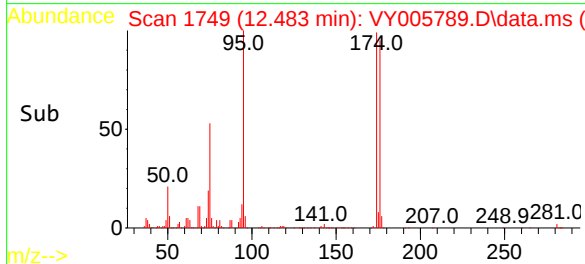
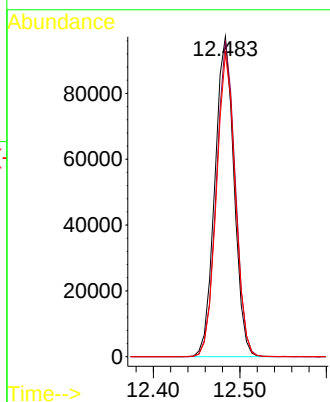
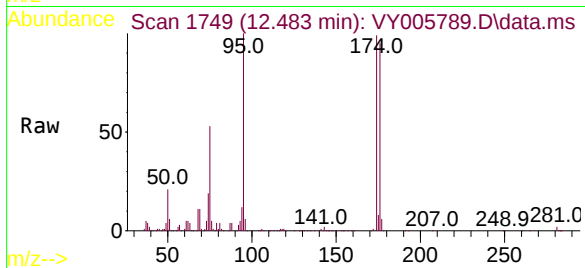




#62
4-Bromofluorobenzene
Concen: 57.510 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

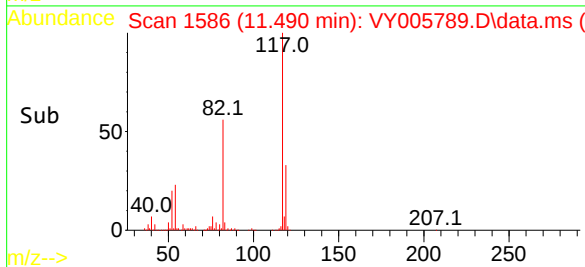
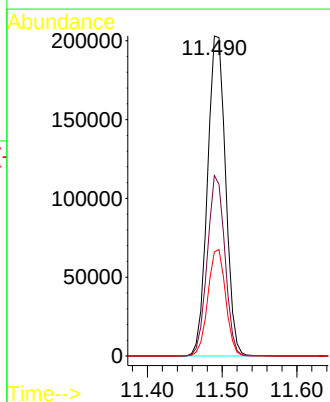
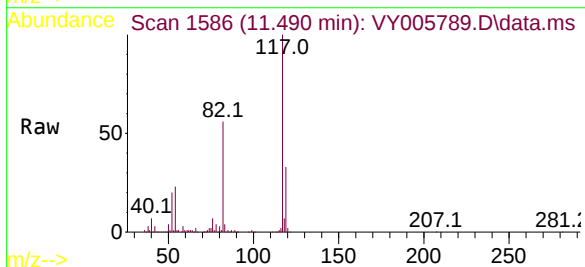
Instrument :
MSVOA_Y
ClientSampleId :

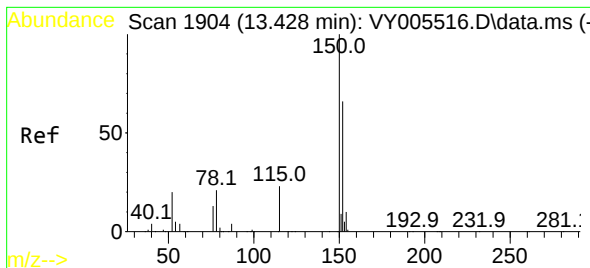
Tgt Ion: 95 Resp: 149040
Ion Ratio Lower Upper
95 100
174 97.2 0.0 191.4
176 93.4 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

Tgt Ion: 117 Resp: 342083
Ion Ratio Lower Upper
117 100
82 56.4 43.5 65.3
119 32.5 25.5 38.3

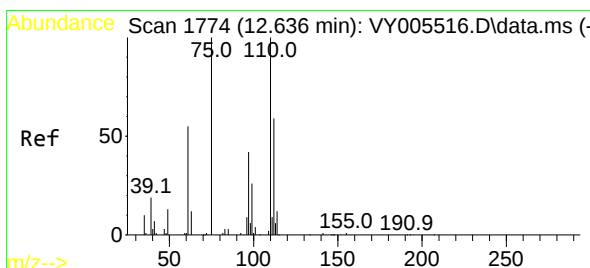
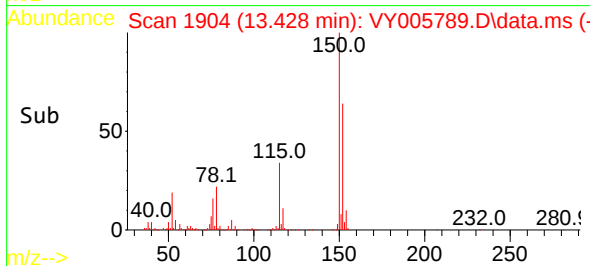
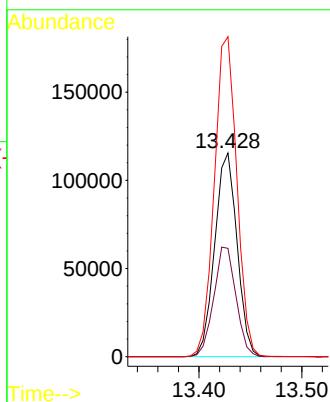
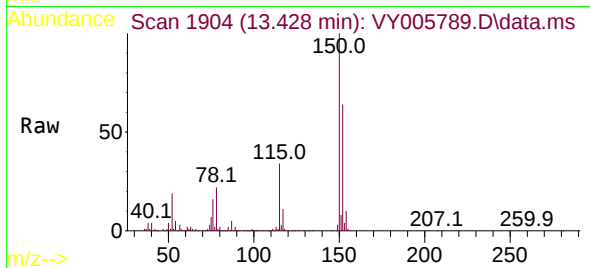




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

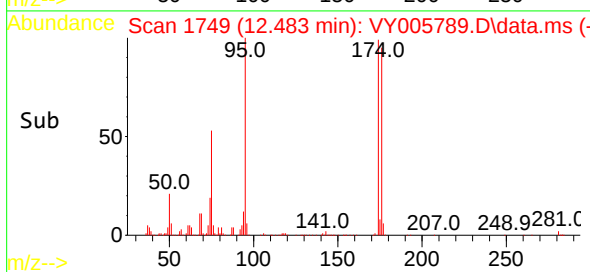
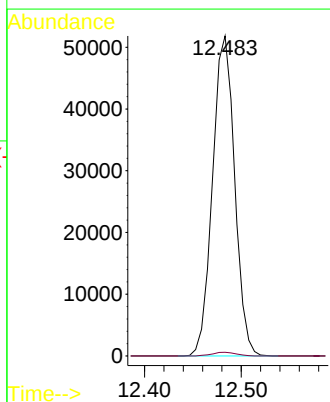
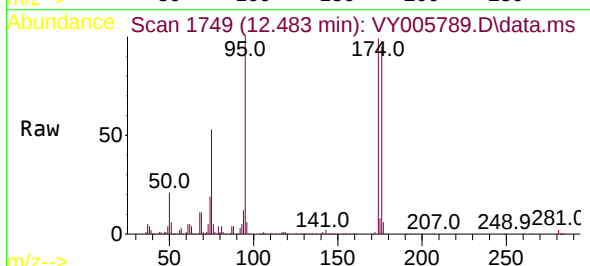
Instrument :
MSVOA_Y
ClientSampled :

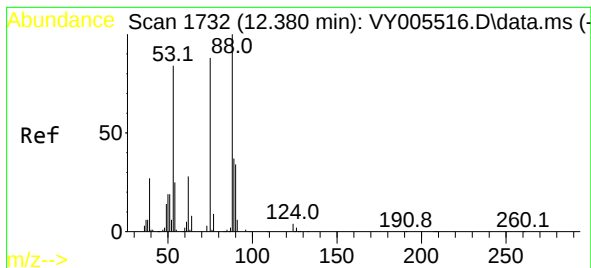
Tgt Ion:152 Resp: 174233
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 158.1 0.0 350.2



#76
1,2,3-Trichloropropane
Concen: 45.548 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005789.D
Acq: 20 Aug 2021 13:45

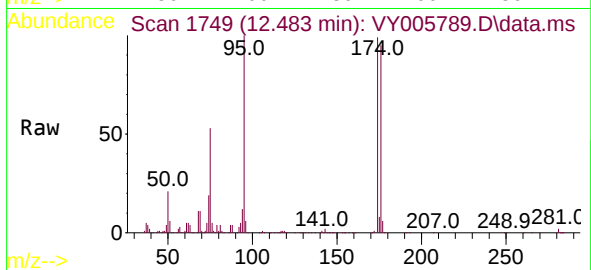
Tgt Ion: 75 Resp: 82239
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.818 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005789.D
 Acq: 20 Aug 2021 13:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 82239
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.7 115.1#
 89 0.0 38.4 57.6#

