

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081021\
 Data File : VY005606.D
 Acq On : 10 Aug 2021 19:18
 Operator : SY/MD
 Sample : M3331-05
 Misc : 5.73G/5ML/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 11 03:39:08 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)

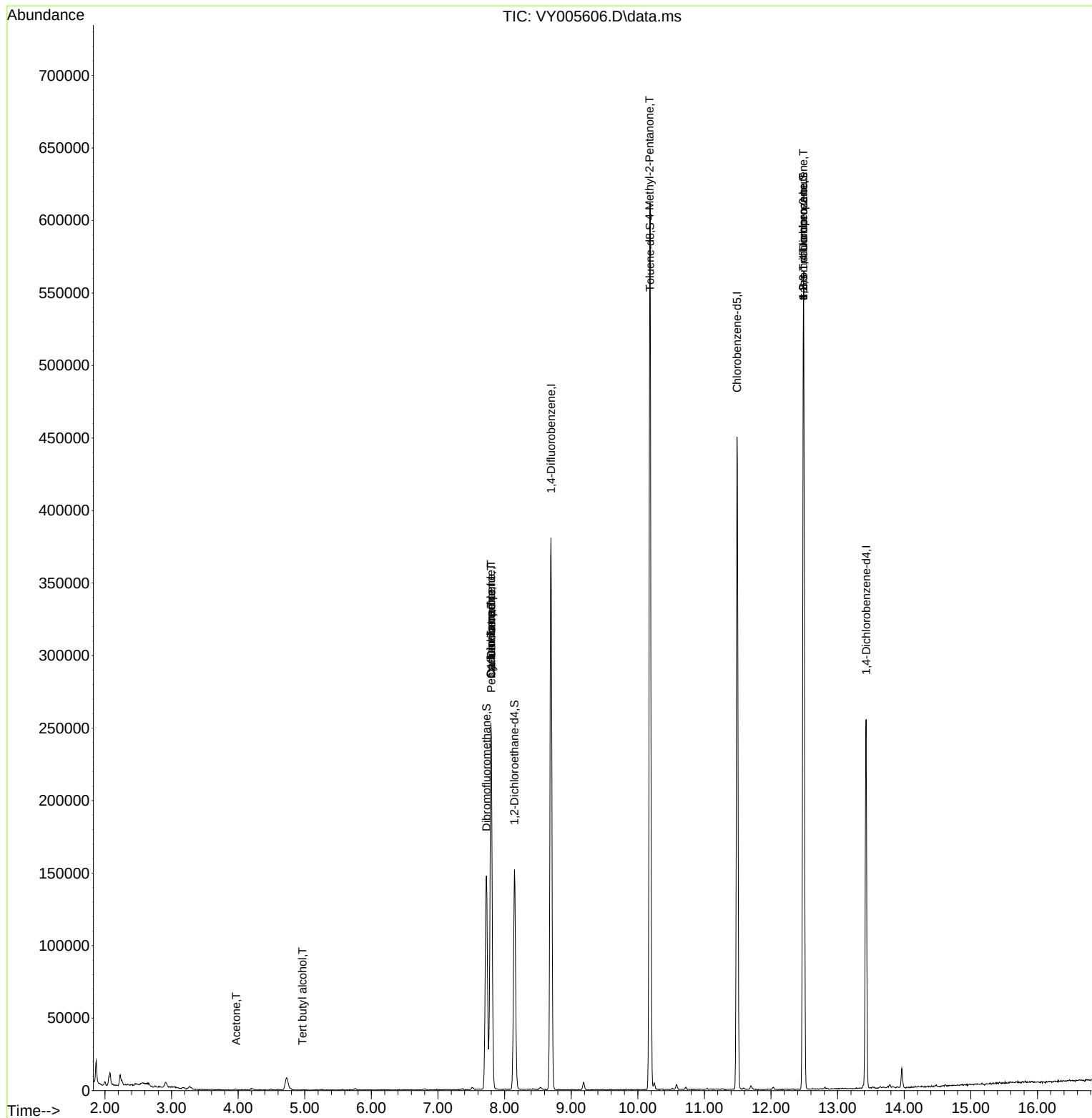
Internal Standards						
1) Pentafluorobenzene	7.801	168	202386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322181	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	242011	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	65637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	120739	58.94	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.88%
35) Dibromofluoromethane	7.728	113	100930	55.95	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.90%
50) Toluene-d8	10.185	98	392194	51.84	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.68%
62) 4-Bromofluorobenzene	12.483	95	81970	32.72	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.44%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	361	1.78	ug/l #	73
16) Acetone	3.972	43	943	1.83	ug/l	97
20) Methylene Chloride	4.734	84	6060	Below Cal	#	87
31) Cyclohexane	7.795	56	5122	1.46	ug/l #	17
36) 1,1-Dichloropropene	7.795	75	14661	4.85	ug/l #	50
38) Carbon Tetrachloride	7.795	117	18328	5.58	ug/l #	18
51) 4-Methyl-2-Pentanone	10.179	43	1869	1.02	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46107	67.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46107	136.65	ug/l #	12

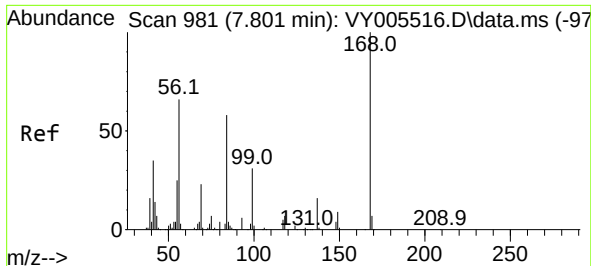
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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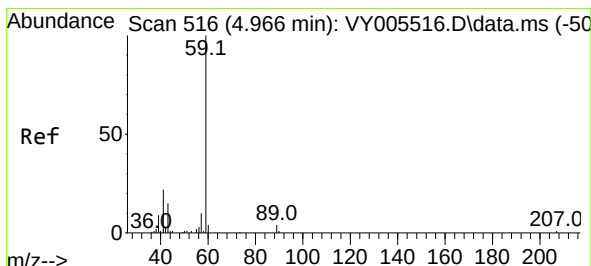
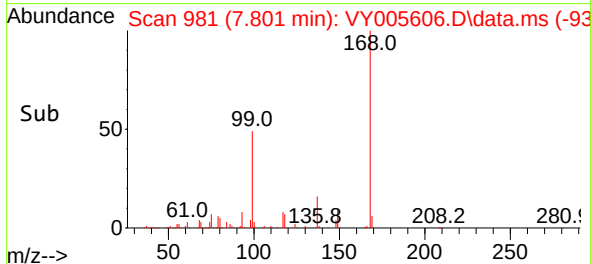
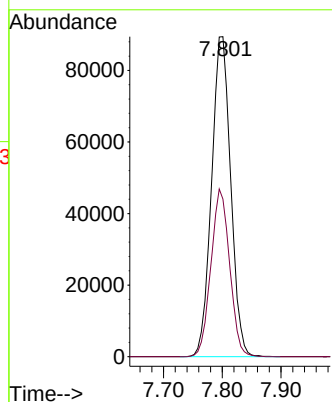
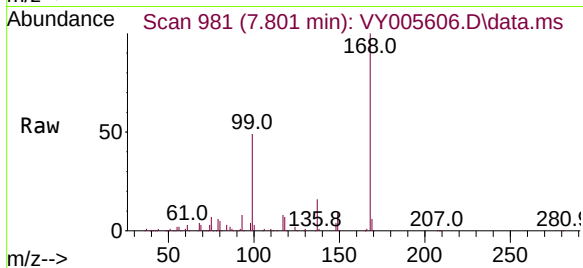




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

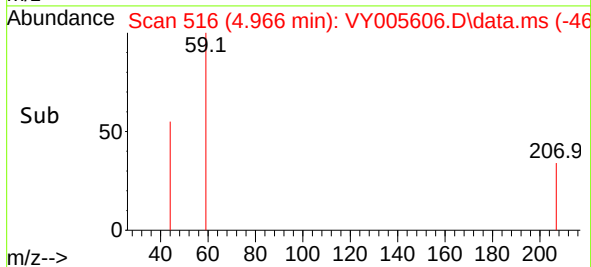
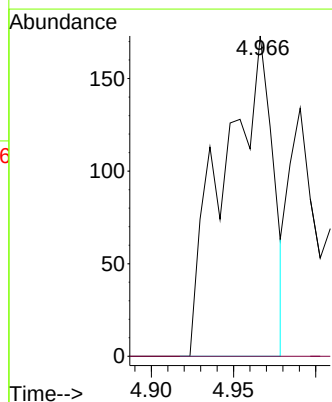
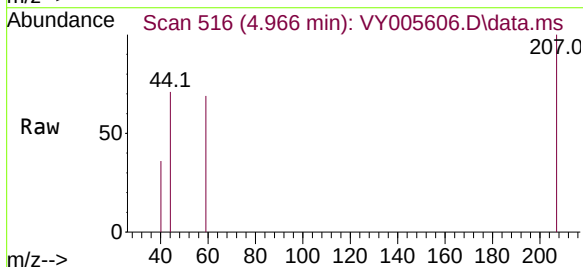
Instrument :
MSVOA_Y
ClientSampled :

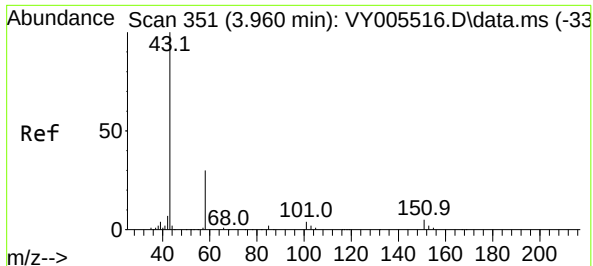
Tgt Ion:168 Resp: 202386
Ion Ratio Lower Upper
168 100
99 49.3 38.9 58.3



#11
Tert butyl alcohol
Concen: 1.78 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

Tgt Ion: 59 Resp: 361
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

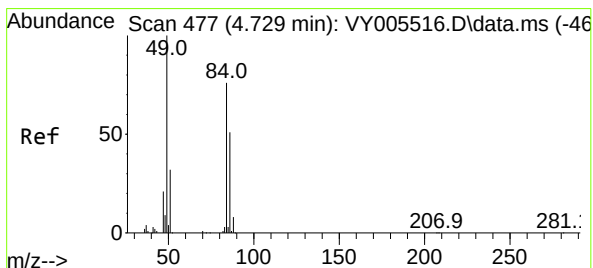
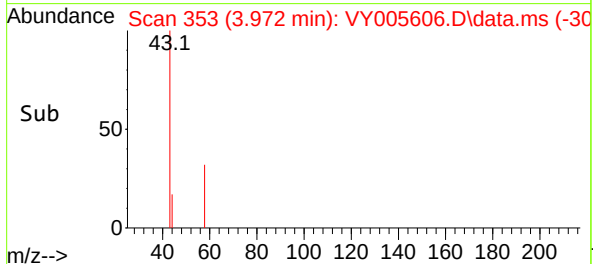
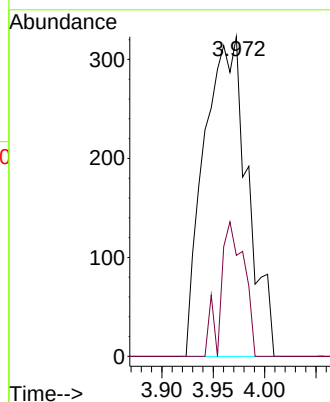
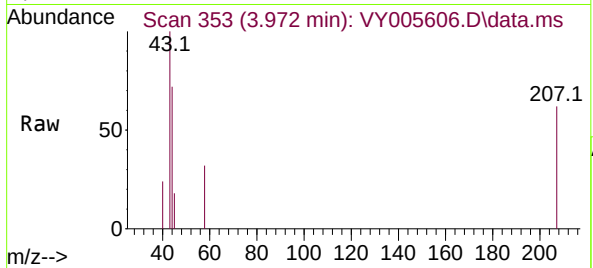




#16
Acetone
Concen: 1.83 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.012 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

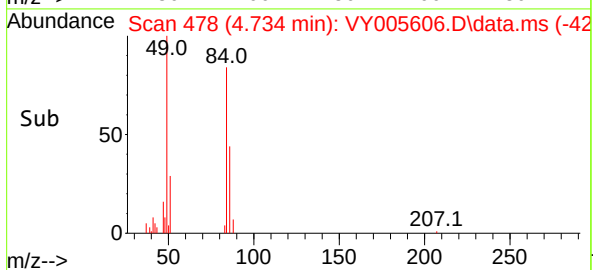
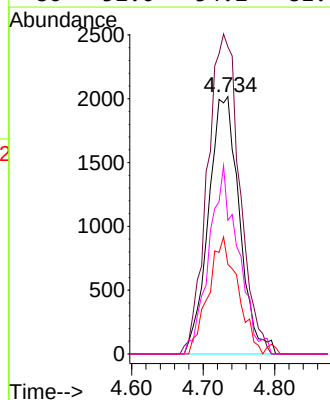
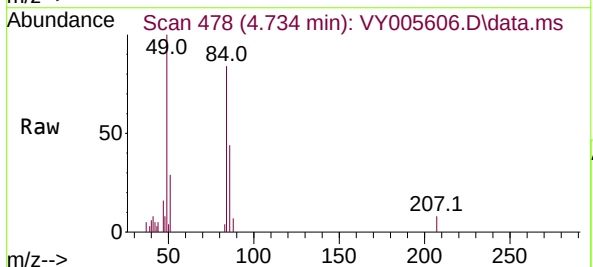
Instrument :
MSVOA_Y
ClientSampled :

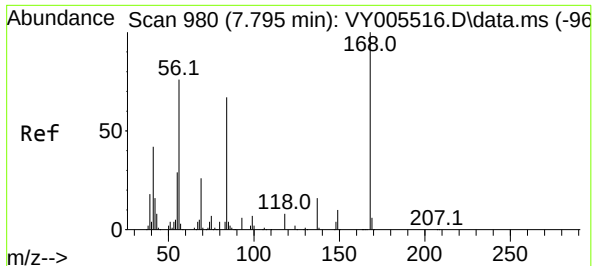
Tgt Ion: 43 Resp: 943
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

Tgt Ion: 84 Resp: 6060
Ion Ratio Lower Upper
84 100
49 119.3 105.8 158.6
51 34.9 33.4 50.2
86 52.0 54.2 81.4#

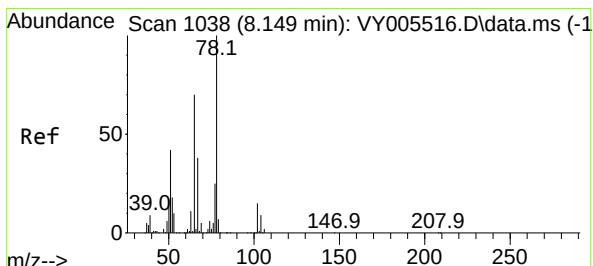
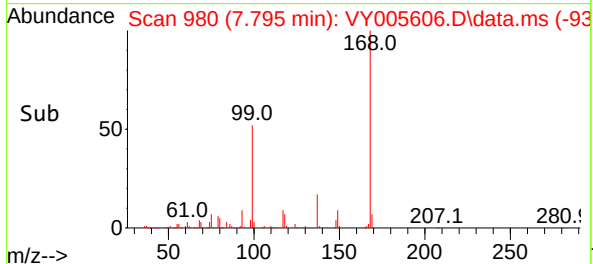
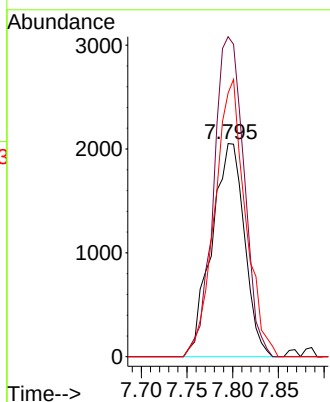
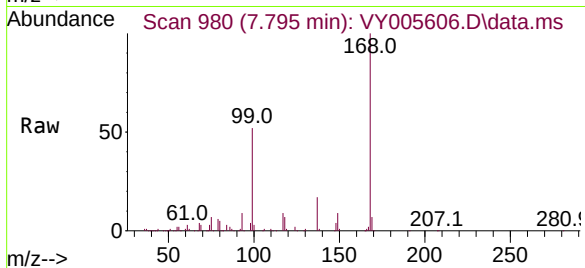




#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

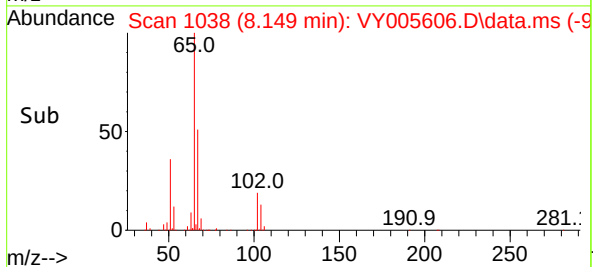
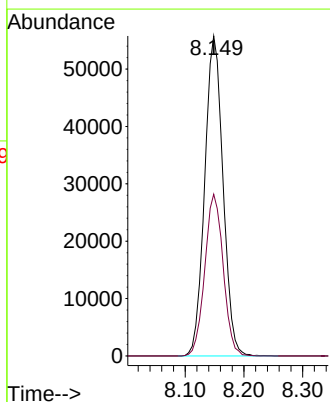
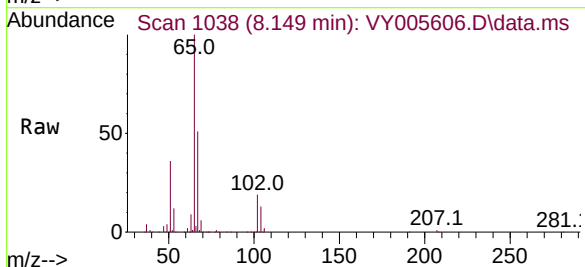
Instrument :
MSVOA_Y
ClientSampleId :

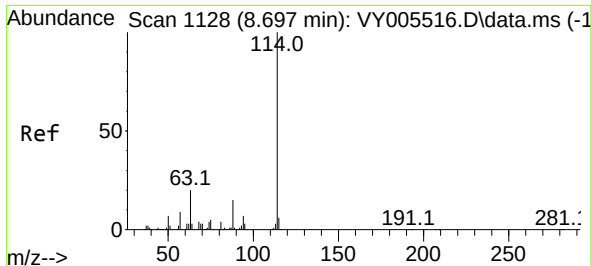
Tgt Ion: 56 Resp: 5122
Ion Ratio Lower Upper
56 100
69 150.1 27.7 41.5#
84 123.7 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 58.94 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

Tgt Ion: 65 Resp: 120739
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005606.D

Acq: 10 Aug 2021 19:18

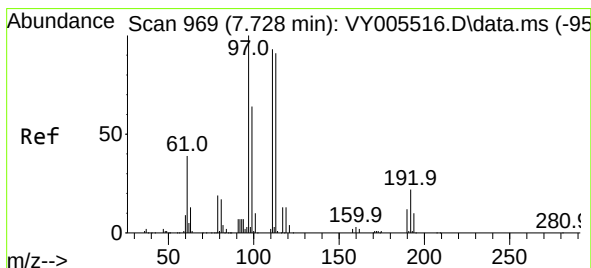
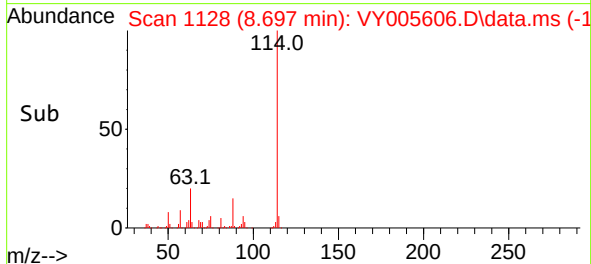
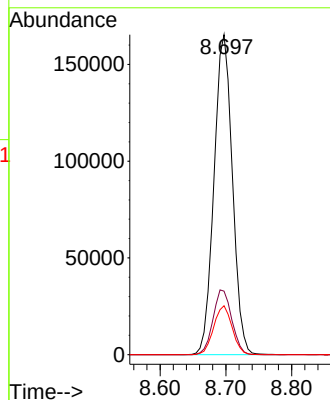
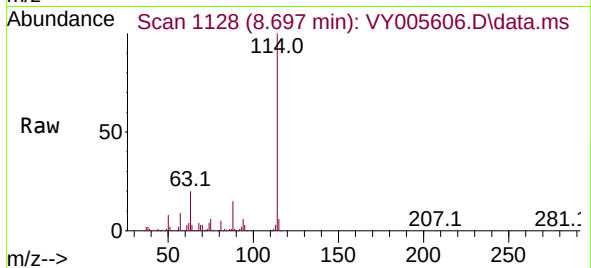
Tgt Ion:114 Resp: 322181

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.3 0.0 30.8



#35

Dibromofluoromethane

Concen: 55.95 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005606.D

Acq: 10 Aug 2021 19:18

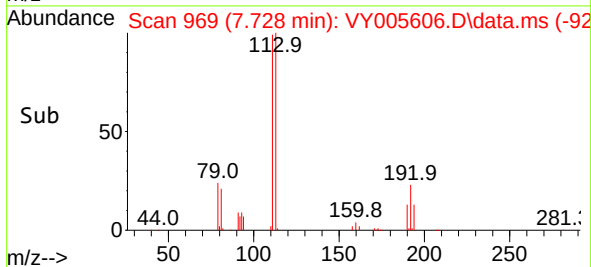
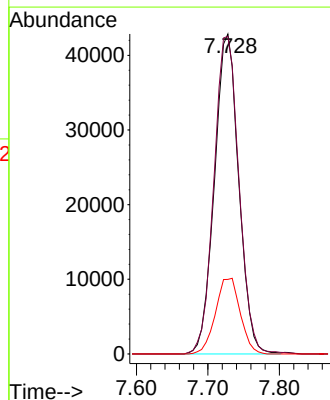
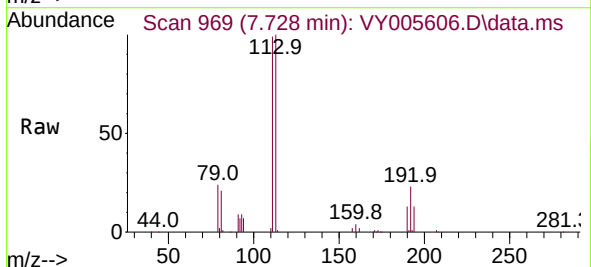
Tgt Ion:113 Resp: 100930

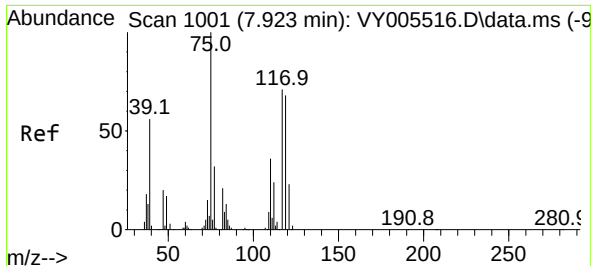
Ion Ratio Lower Upper

113 100

111 102.7 81.9 122.9

192 24.2 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.85 ug/l

RT: 7.795 min Scan# 980

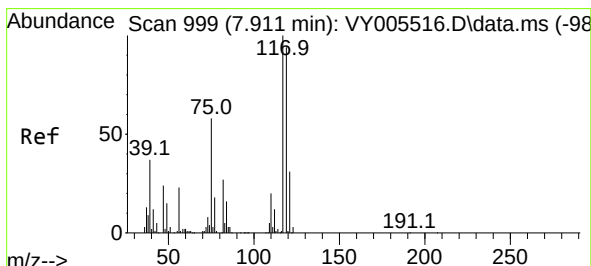
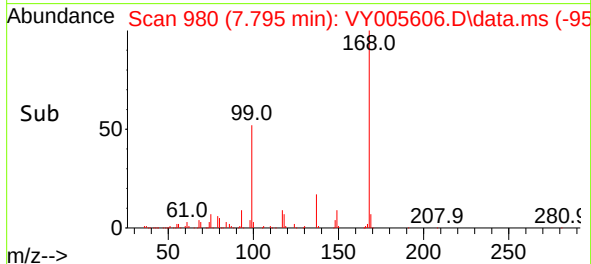
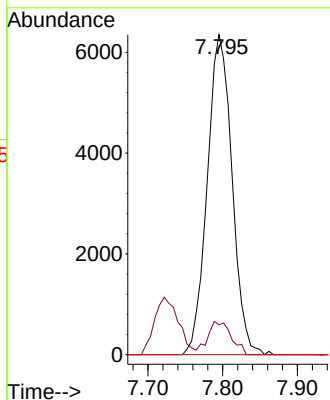
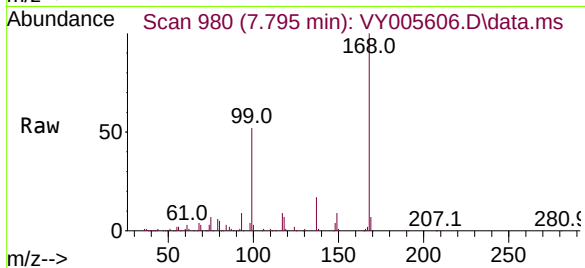
Delta R.T. -0.128 min

Lab File: VY005606.D

Acq: 10 Aug 2021 19:18

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75	Resp: 14661
Ion Ratio	Lower Upper
75 100	
110 9.7	18.1 54.1#
77 0.0	25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.58 ug/l

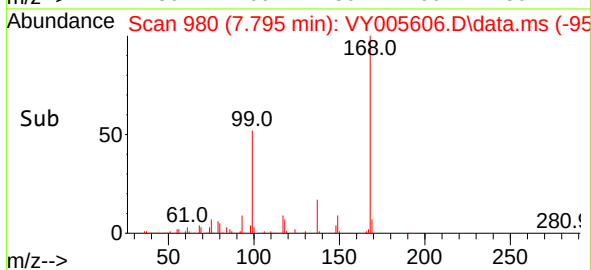
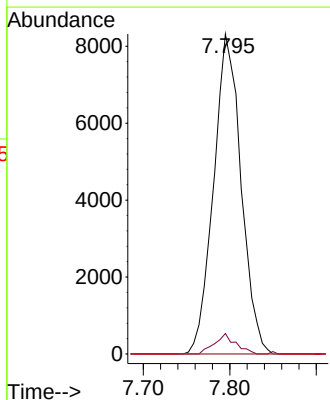
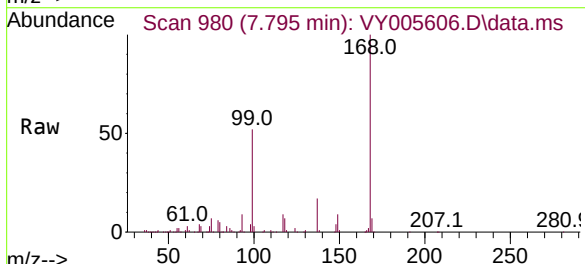
RT: 7.795 min Scan# 980

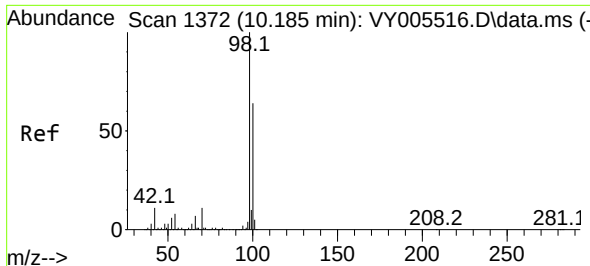
Delta R.T. -0.116 min

Lab File: VY005606.D

Acq: 10 Aug 2021 19:18

Tgt Ion: 117	Resp: 18328
Ion Ratio	Lower Upper
117 100	
119 6.4	75.4 113.0#
121 0.0	25.1 37.7#

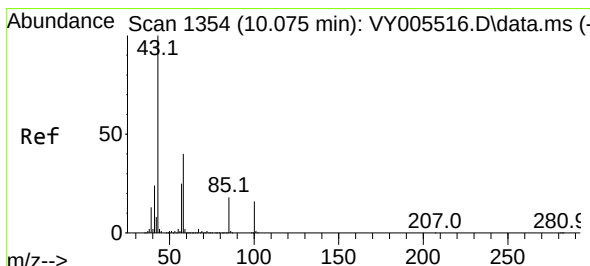
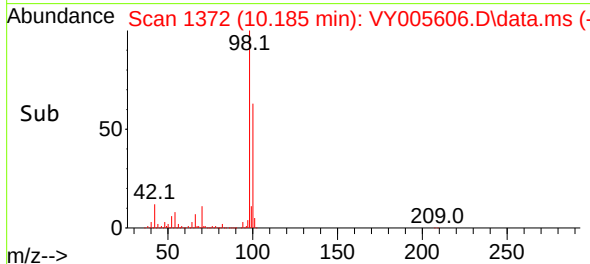
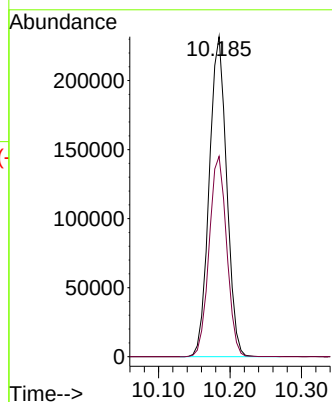
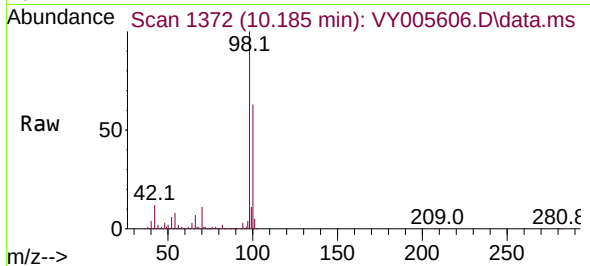




#50
Toluene-d8
Concen: 51.84 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

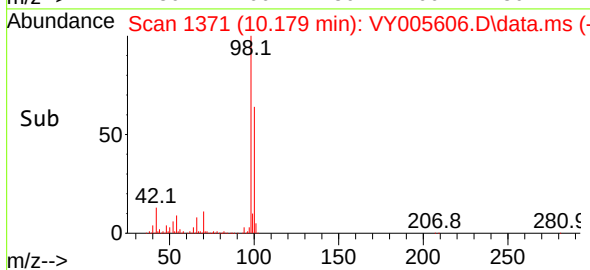
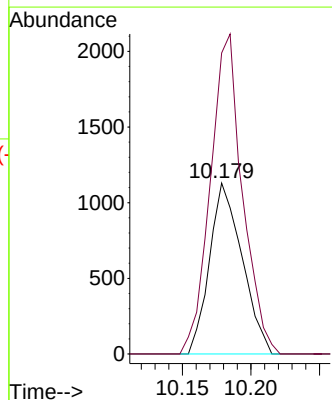
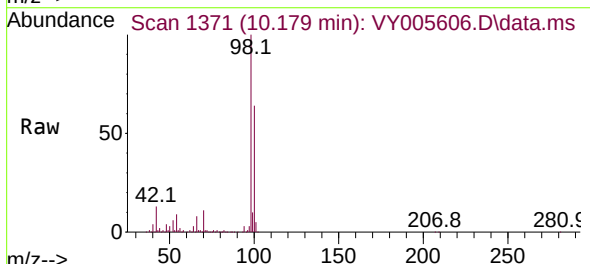
Instrument :
MSVOA_Y
ClientSampled :

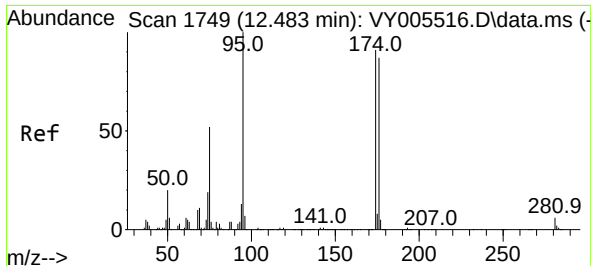
Tgt Ion: 98 Resp: 392194
Ion Ratio Lower Upper
98 100
100 63.1 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.02 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.103 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

Tgt Ion: 43 Resp: 1869
Ion Ratio Lower Upper
43 100
58 184.4 31.4 47.2#

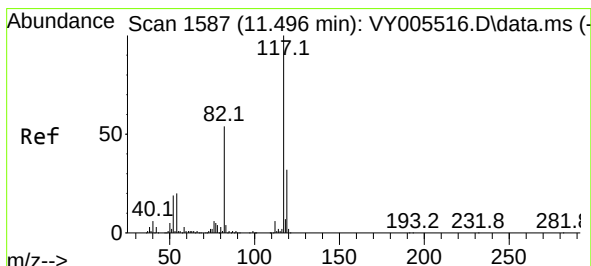
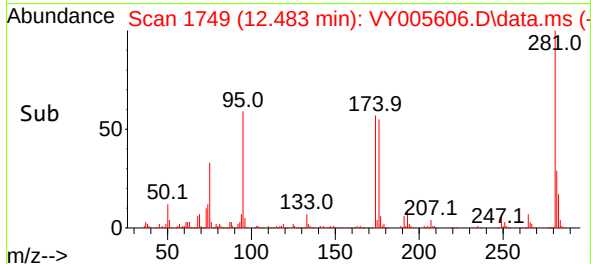
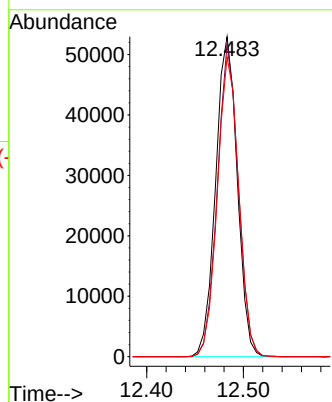
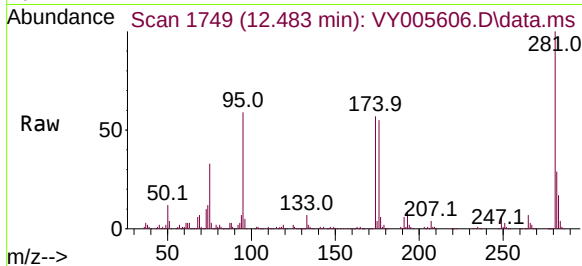




#62
4-Bromofluorobenzene
Concen: 32.72 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

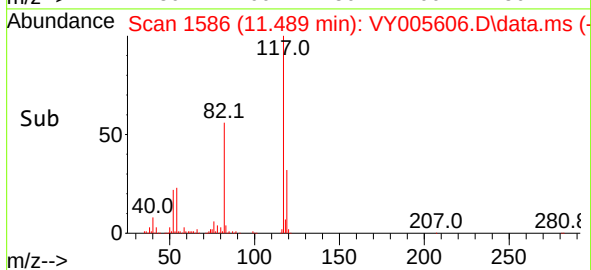
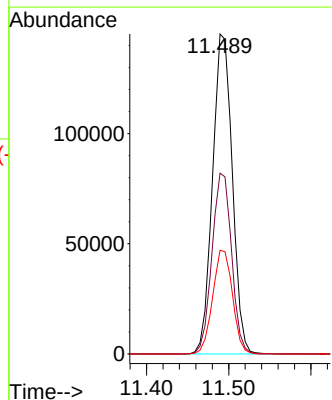
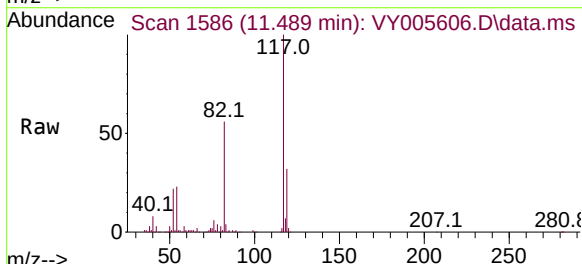
Instrument :
MSVOA_Y
ClientSampleId :

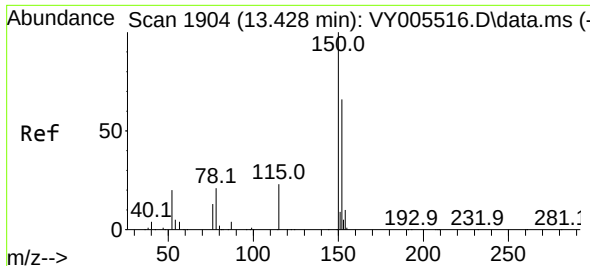
Tgt Ion:	95	Resp:	81970
Ion Ratio	Lower	Upper	
95	100		
174	94.8	0.0	191.4
176	92.7	0.0	183.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005606.D
Acq: 10 Aug 2021 19:18

Tgt Ion:	117	Resp:	242011
Ion Ratio	Lower	Upper	
117	100		
82	56.5	43.5	65.3
119	32.4	25.5	38.3

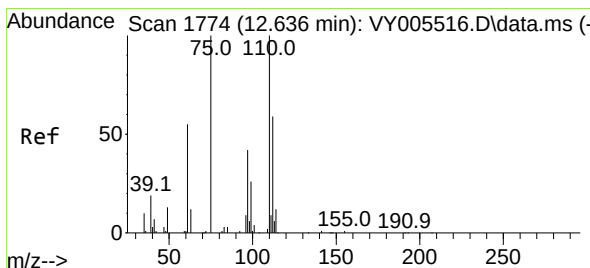
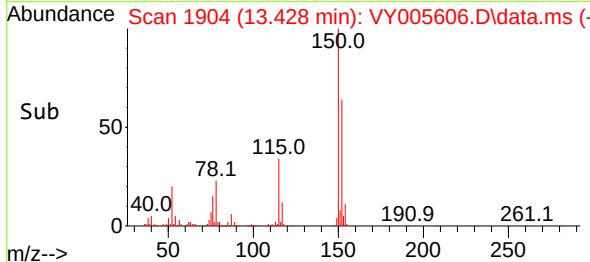
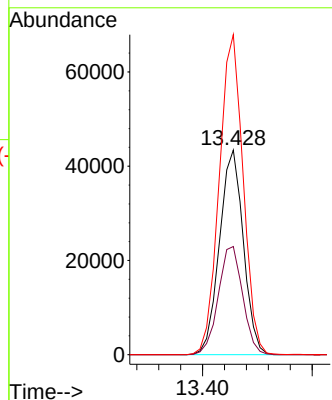
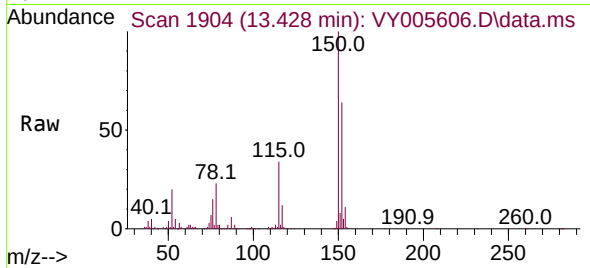




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005606.D
 Acq: 10 Aug 2021 19:18

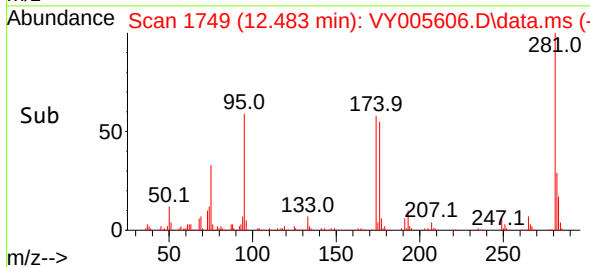
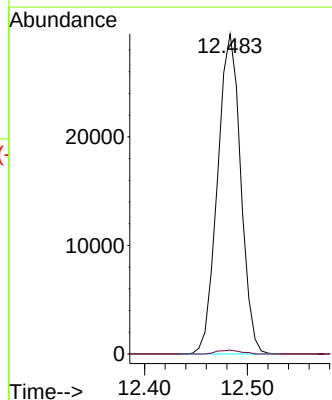
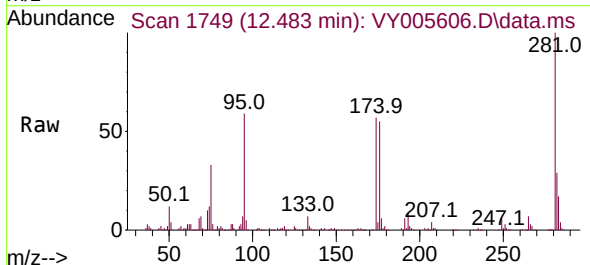
Instrument :
 MSVOA_Y
 ClientSampled :

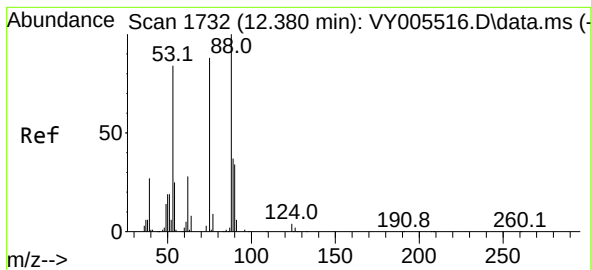
Tgt Ion:152 Resp: 65637
 Ion Ratio Lower Upper
 152 100
 115 54.0 27.3 81.9
 150 156.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 67.79 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005606.D
 Acq: 10 Aug 2021 19:18

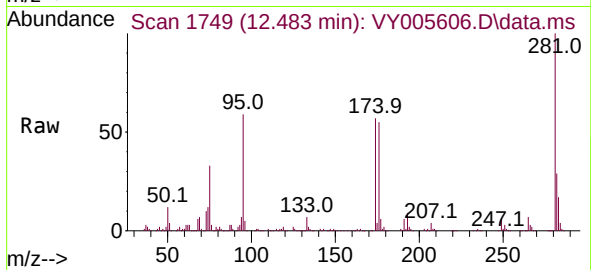
Tgt Ion: 75 Resp: 46107
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.65 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005606.D
 Acq: 10 Aug 2021 19:18

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 46107
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.7 115.1#
 89 1.7 38.4 57.6#

