

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY005006.D
 Acq On : 07 Jun 2021 20:24
 Operator : SY/MD
 Sample : M2626-03
 Misc : 5.84G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:11:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

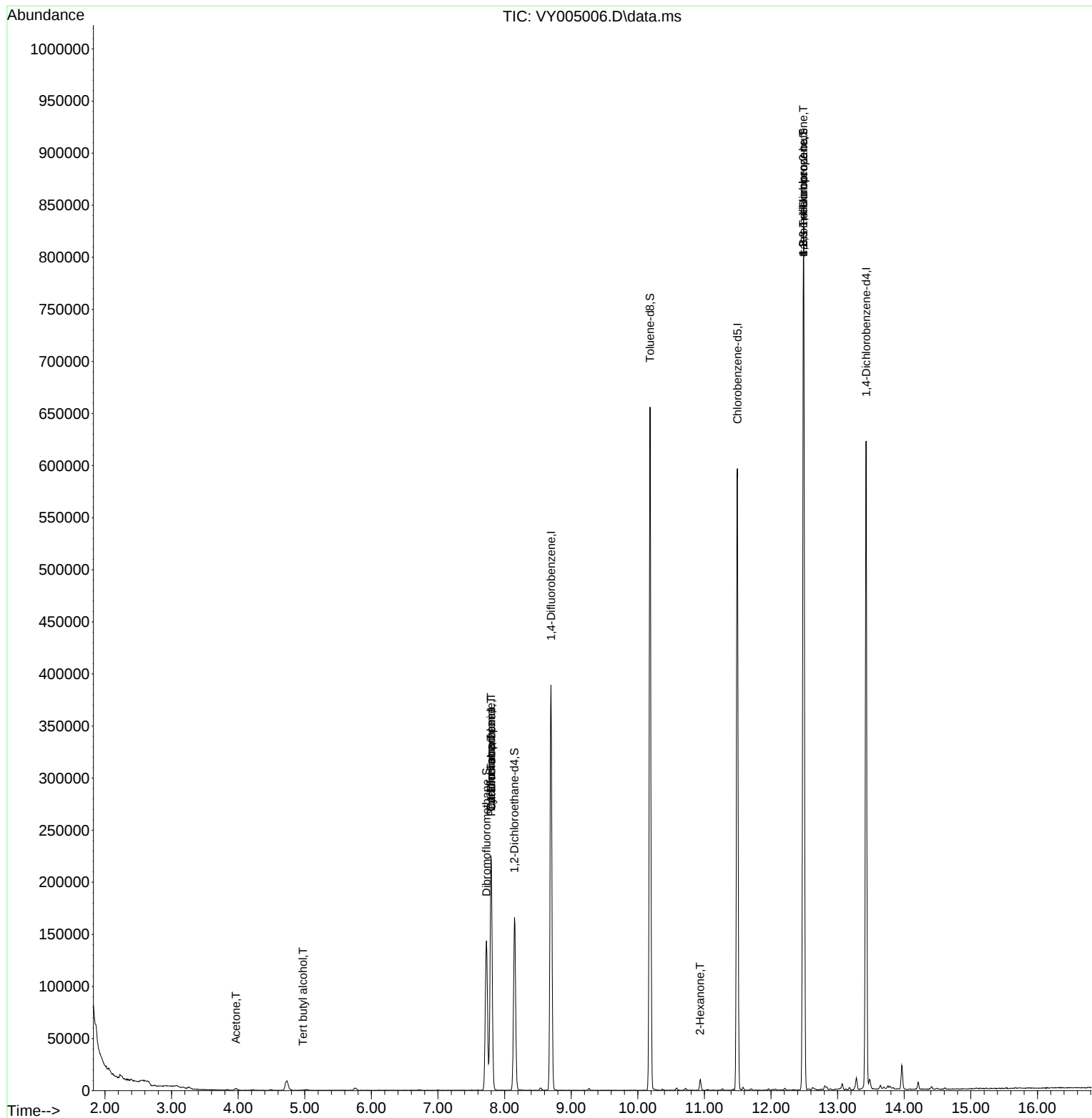
Internal Standards						
1) Pentafluorobenzene	7.801	168	169505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	322513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	323009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	149061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	124485	69.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.940%	
35) Dibromofluoromethane	7.728	113	101733	58.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.260%	
50) Toluene-d8	10.184	98	409292	56.796	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 113.600%	
62) 4-Bromofluorobenzene	12.483	95	145233	58.600	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	515	2.499	ug/l #	74
16) Acetone	3.966	43	2851	6.609	ug/l	89
20) Methylene Chloride	4.734	84	6949	Below Cal		94
31) Cyclohexane	7.795	56	4097	1.299	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13924	4.411	ug/l #	49
38) Carbon Tetrachloride	7.795	117	17423	6.343	ug/l #	17
59) 2-Hexanone	10.934	43	2175	1.647	ug/l #	41
76) 1,2,3-Trichloropropane	12.483	75	80969	49.553	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80969	91.067	ug/l #	16

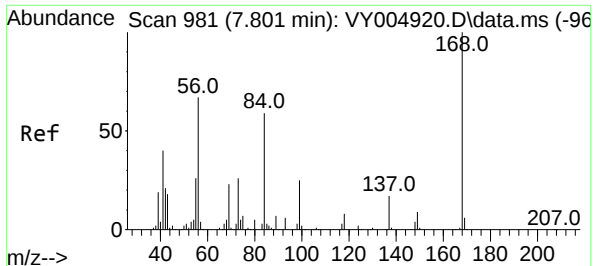
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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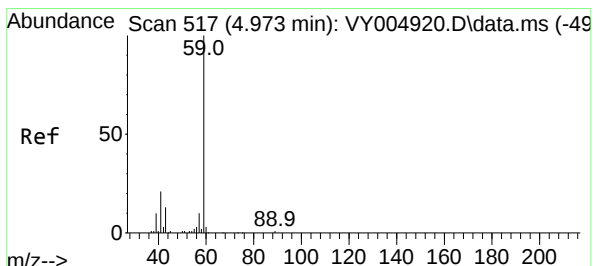
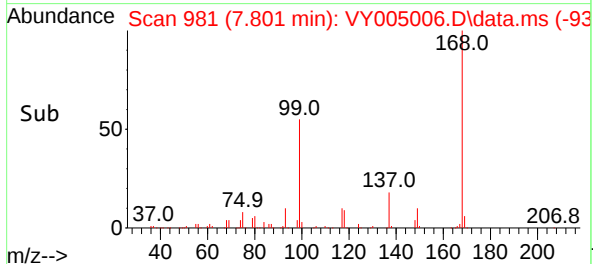
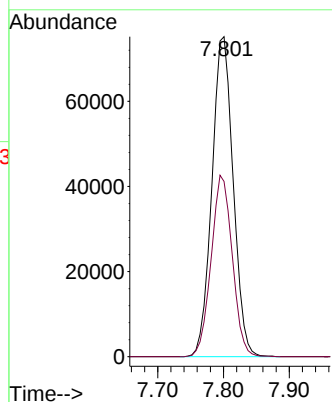
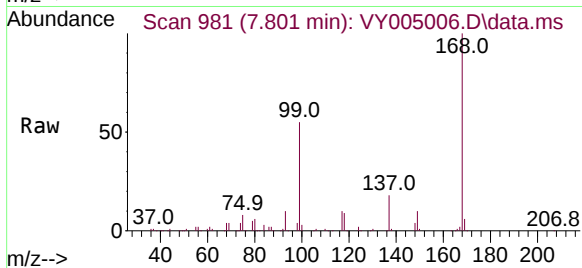




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

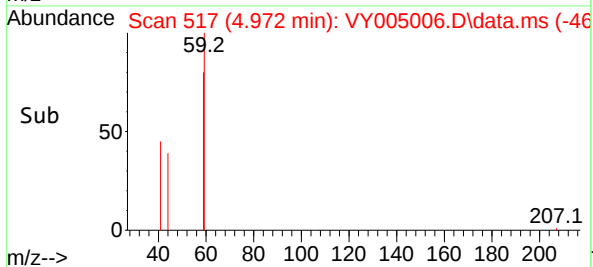
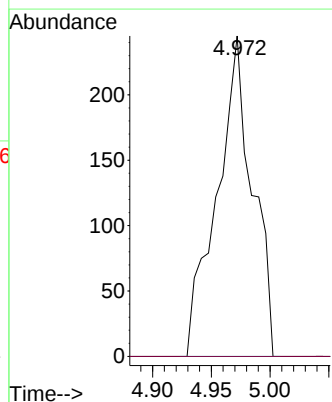
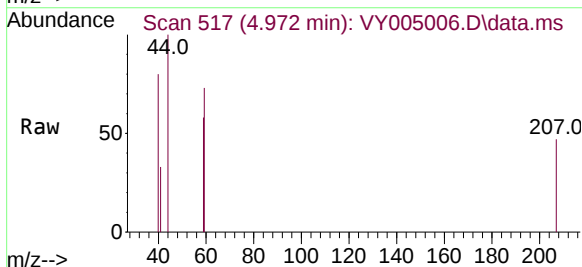
Instrument :
MSVOA_Y
ClientSampleId :

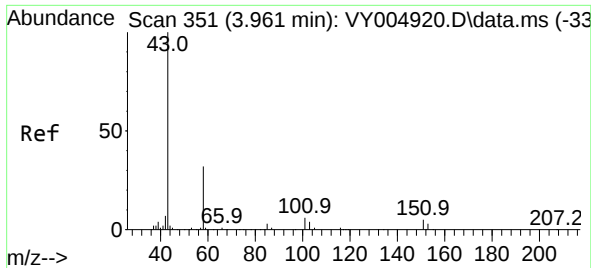
Tgt Ion:168 Resp: 169505
Ion Ratio Lower Upper
168 100
99 54.7 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.499 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

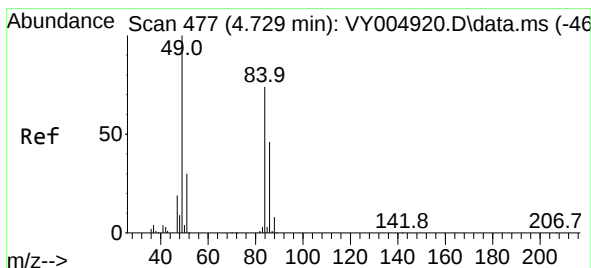
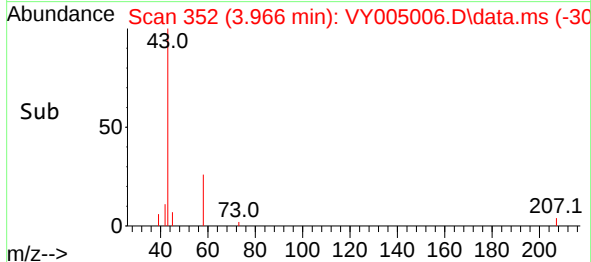
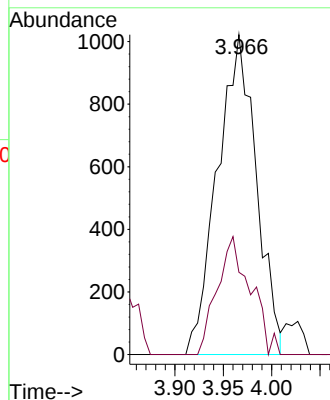
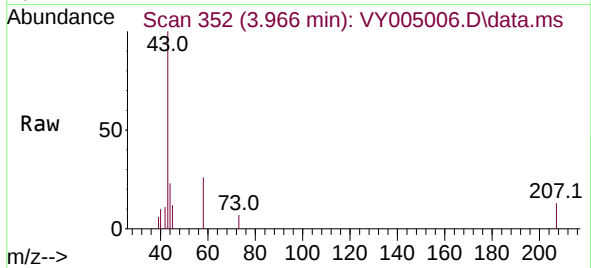




#16
Acetone
Concen: 6.609 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

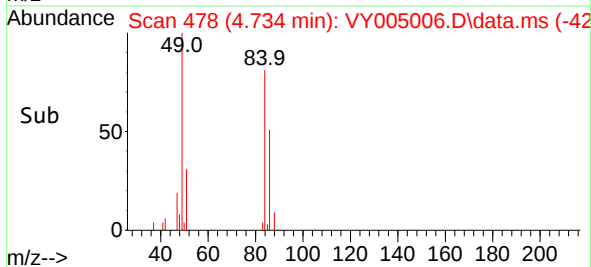
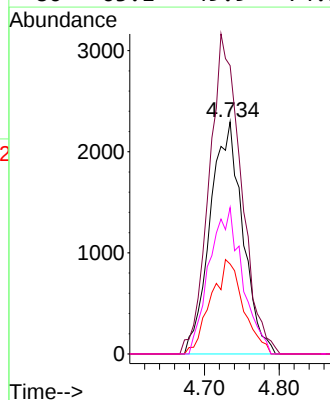
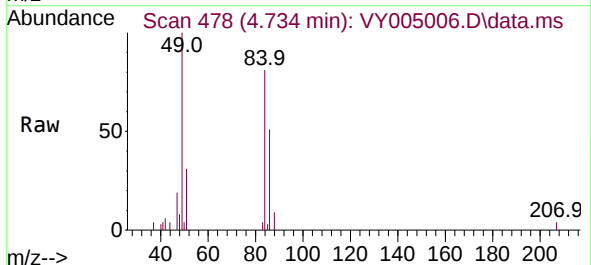
Instrument :
MSVOA_Y
ClientSampled :

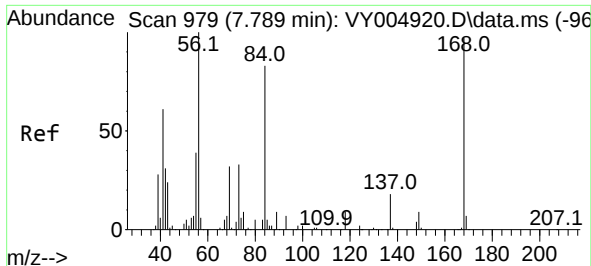
Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
58 25.7 25.3 37.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.005 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

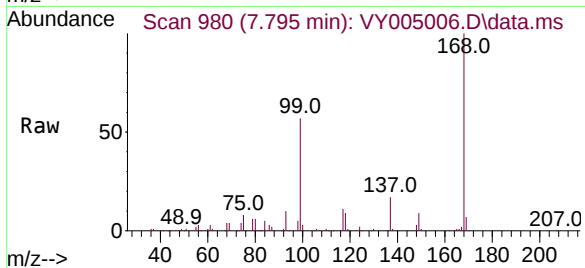
Tgt Ion: 84 Resp: 6949
Ion Ratio Lower Upper
84 100
49 124.2 108.0 162.0
51 38.8 32.6 48.8
86 63.1 49.9 74.9



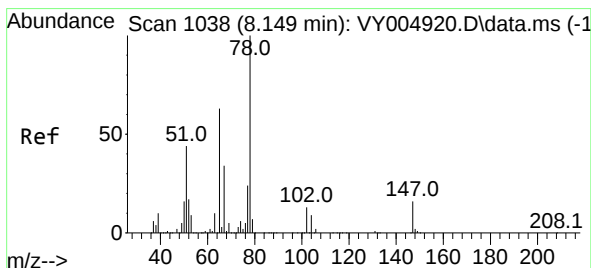
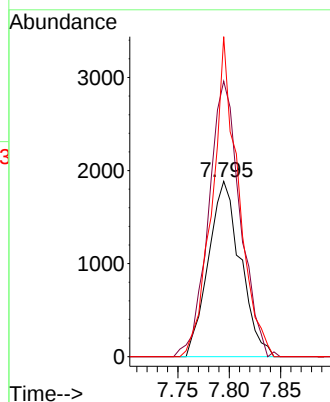
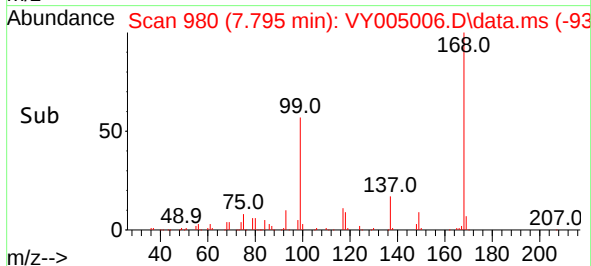


#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

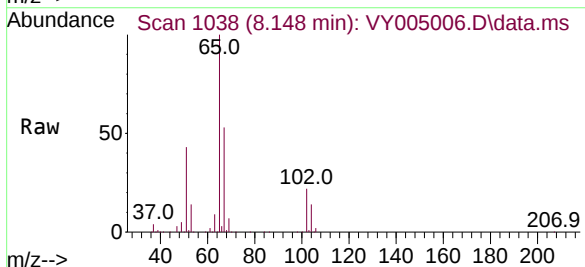
Instrument :
MSVOA_Y
ClientSampled :



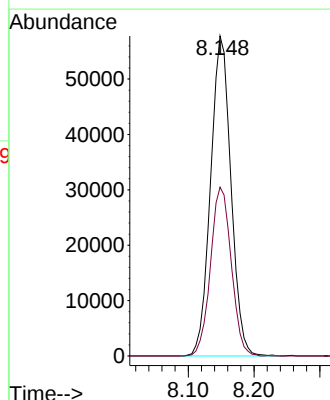
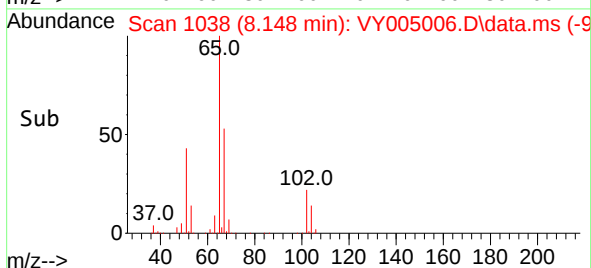
Tgt Ion: 56 Resp: 4097
Ion Ratio Lower Upper
56 100
69 157.2 25.3 37.9#
84 182.5 66.2 99.4#

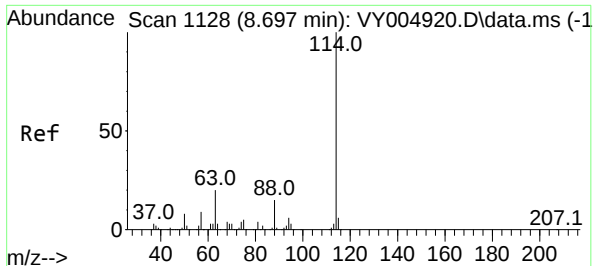


#33
1,2-Dichloroethane-d4
Concen: 69.468 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24



Tgt Ion: 65 Resp: 124485
Ion Ratio Lower Upper
65 100
67 53.7 0.0 110.6

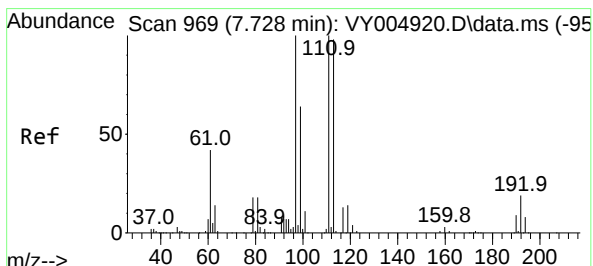
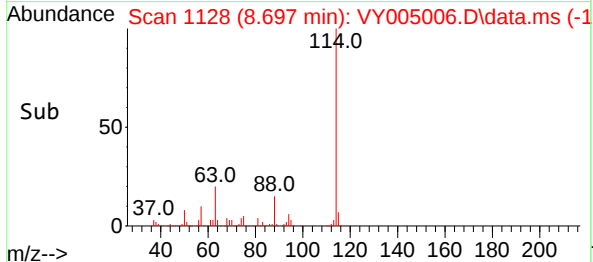
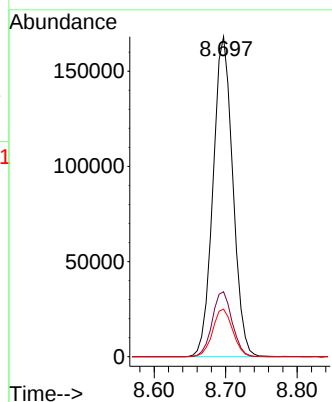
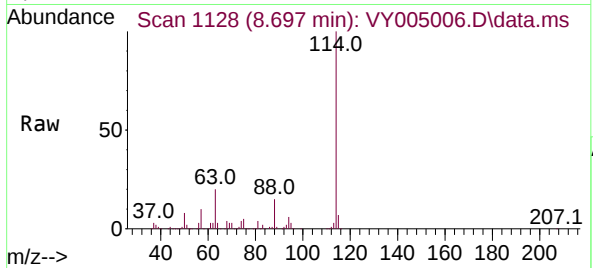




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

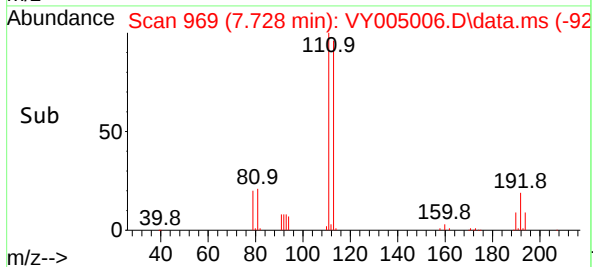
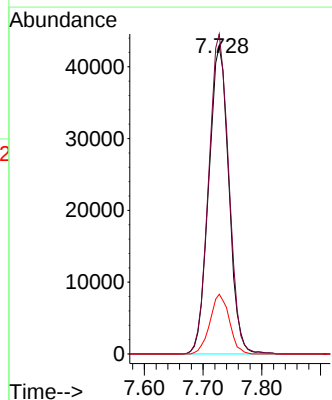
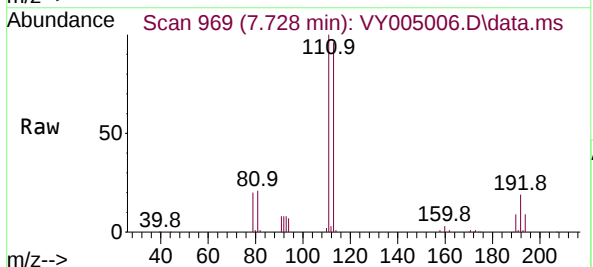
Instrument :
MSVOA_Y
ClientSampled :

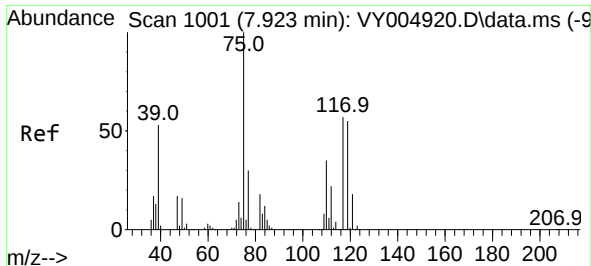
Tgt Ion:	114	Resp:	322513
Ion Ratio	Lower	Upper	
114	100		
63	20.3	0.0	41.0
88	14.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 58.630 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

Tgt Ion:	113	Resp:	101733
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.8	122.8
192	18.7	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.411 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.129 min

Lab File: VY005006.D

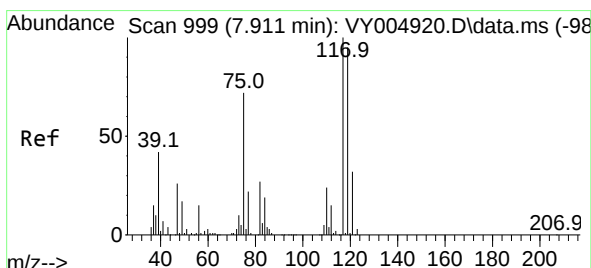
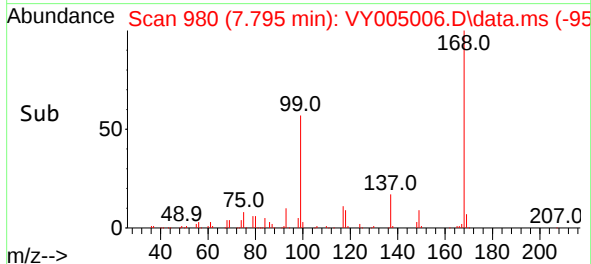
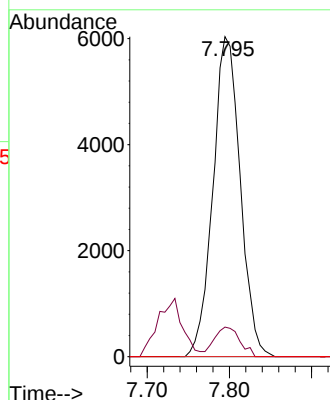
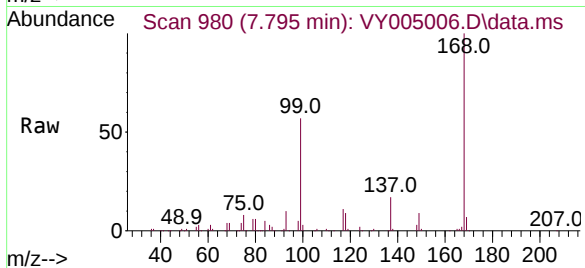
Acq: 07 Jun 2021 20:24

Instrument :

MSVOA_Y

ClientSampled :

Tgt Ion:	75	Resp:	13924
Ion	Ratio	Lower	Upper
75	100		
110	8.5	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 6.343 ug/l

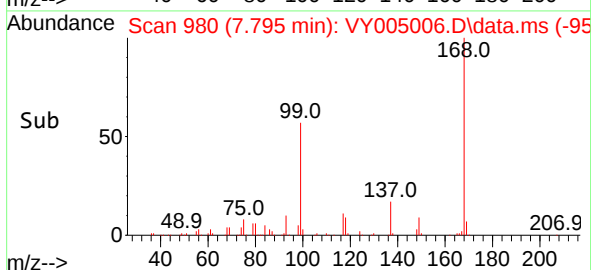
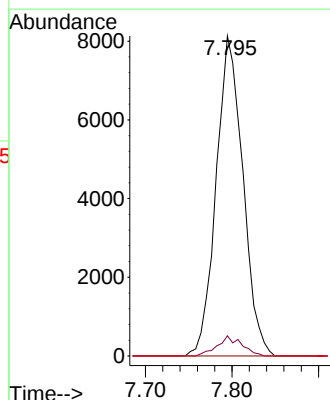
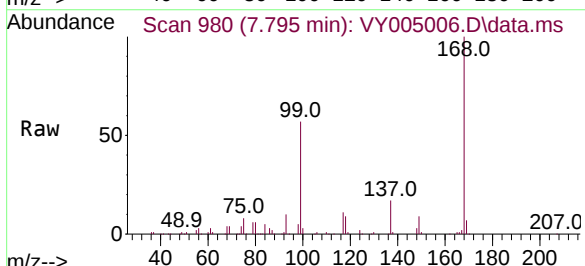
RT: 7.795 min Scan# 980

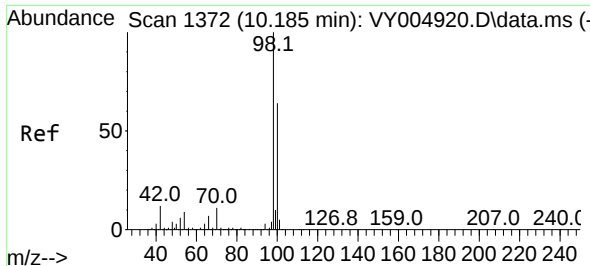
Delta R.T. -0.116 min

Lab File: VY005006.D

Acq: 07 Jun 2021 20:24

Tgt Ion:	117	Resp:	17423
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.1	114.1#
121	0.0	25.5	38.3#

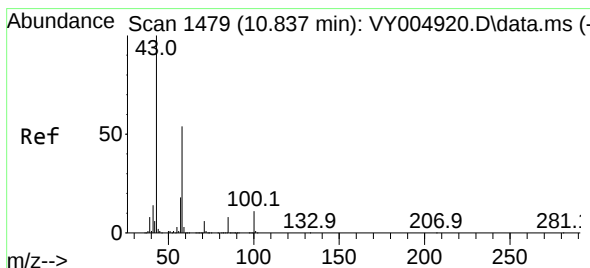
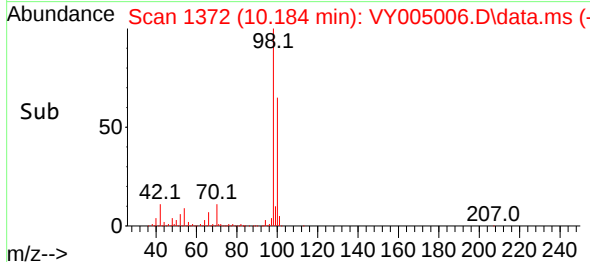
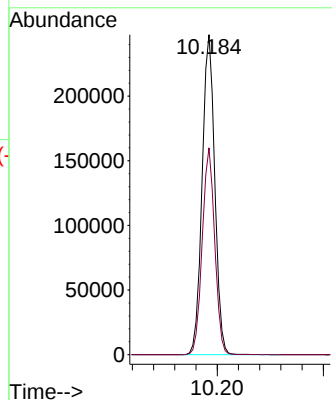
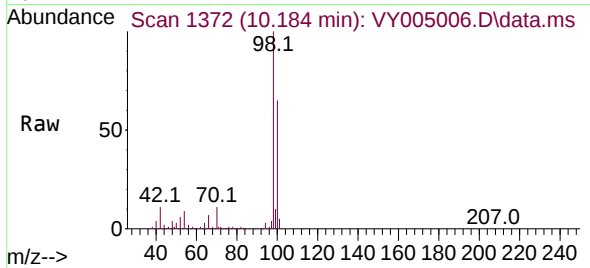




#50
Toluene-d8
Concen: 56.796 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

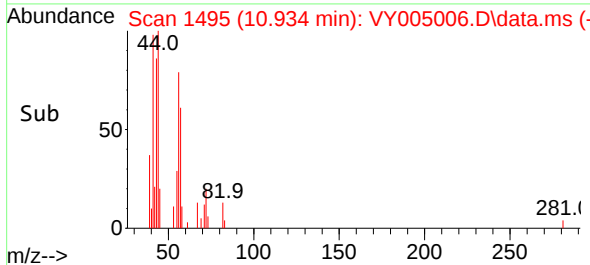
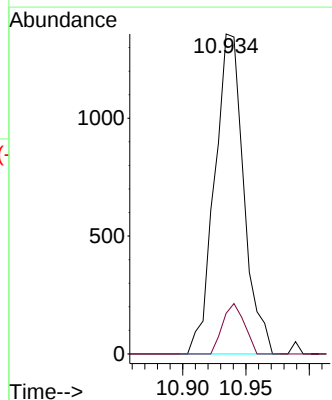
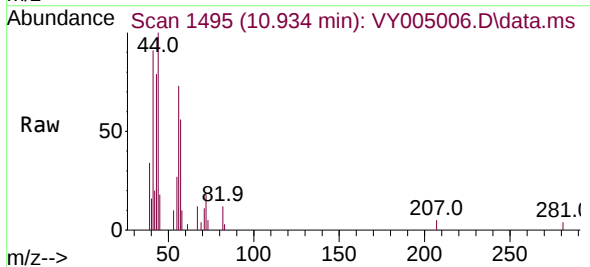
Instrument :
MSVOA_Y
ClientSampled :

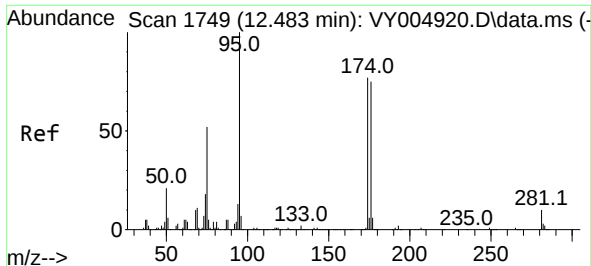
Tgt Ion: 98 Resp: 409292
Ion Ratio Lower Upper
98 100
100 63.8 51.8 77.6



#59
2-Hexanone
Concen: 1.647 ug/l
RT: 10.934 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 43 Resp: 2175
Ion Ratio Lower Upper
43 100
58 11.7 27.0 80.8#

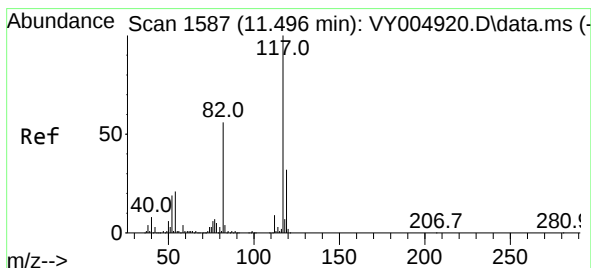
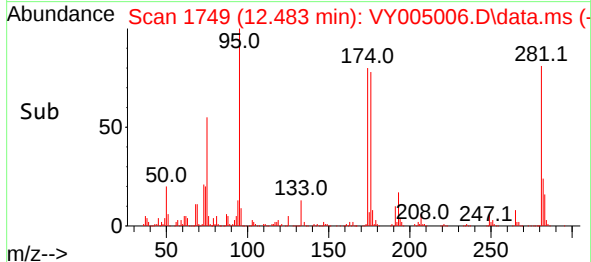
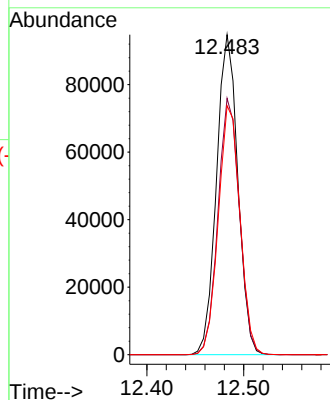
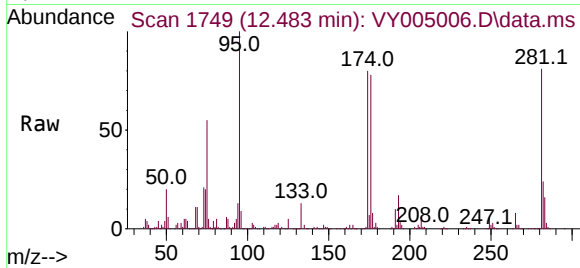




#62
4-Bromofluorobenzene
Concen: 58.600 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

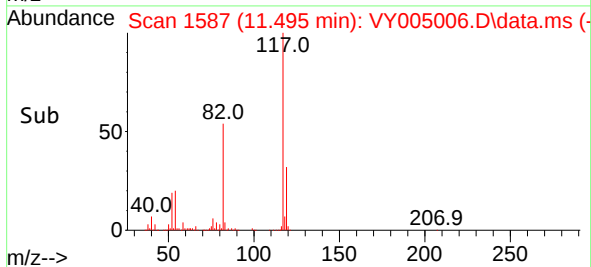
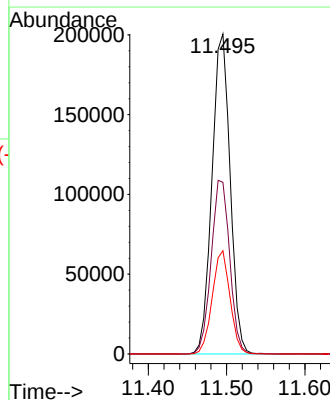
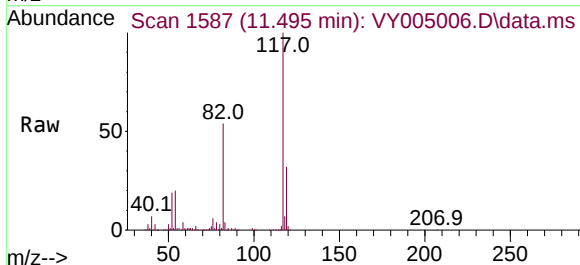
Instrument :
MSVOA_Y
ClientSampled :

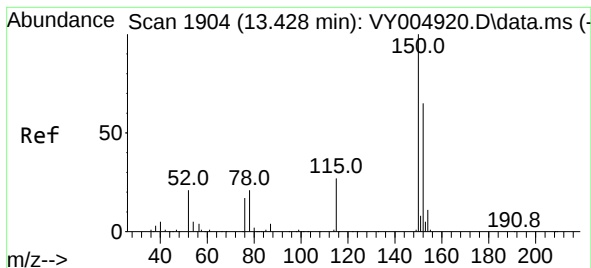
Tgt Ion: 95 Resp: 145233
Ion Ratio Lower Upper
95 100
174 80.2 0.0 160.8
176 79.0 0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

Tgt Ion: 117 Resp: 323009
Ion Ratio Lower Upper
117 100
82 53.6 44.8 67.2
119 32.3 25.2 37.8

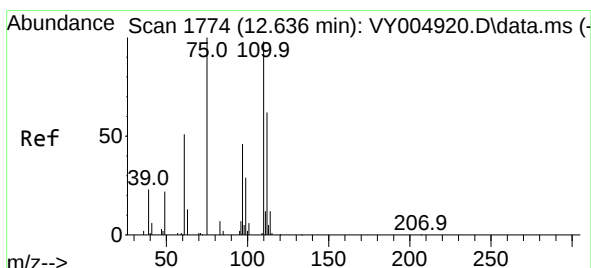
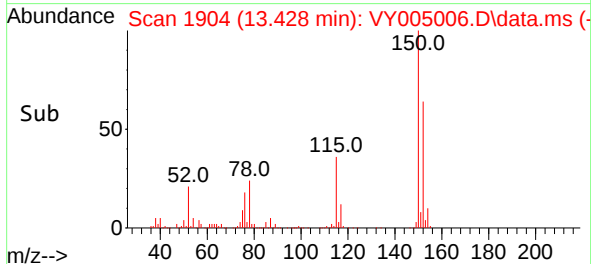
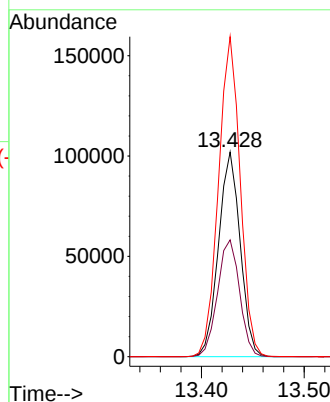
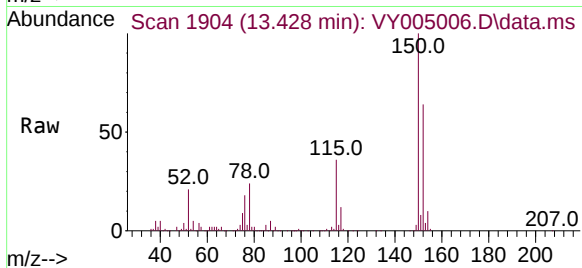




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.001 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

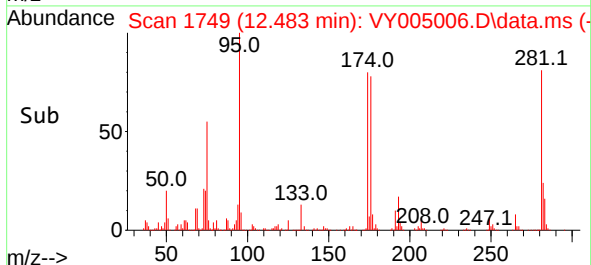
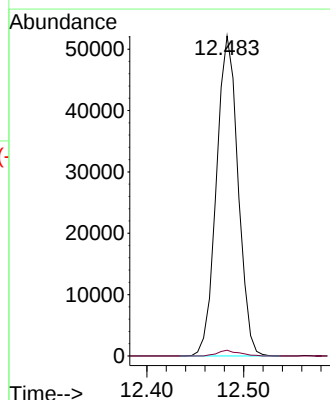
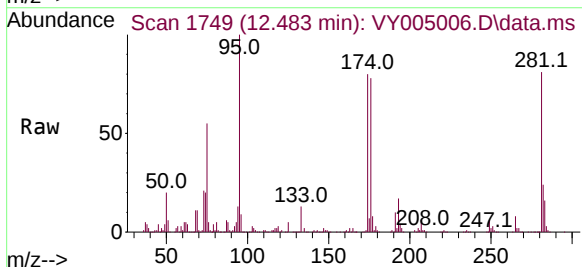
Instrument :
MSVOA_Y
ClientSampled :

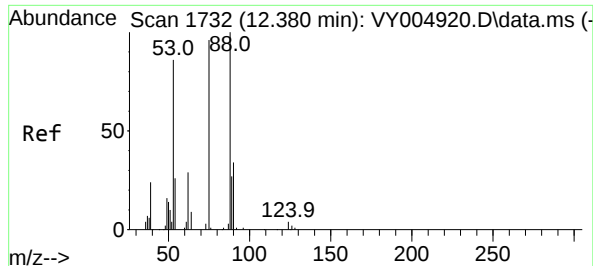
Tgt Ion:152 Resp: 149061
Ion Ratio Lower Upper
152 100
115 58.2 29.9 89.7
150 156.5 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 49.553 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005006.D
Acq: 07 Jun 2021 20:24

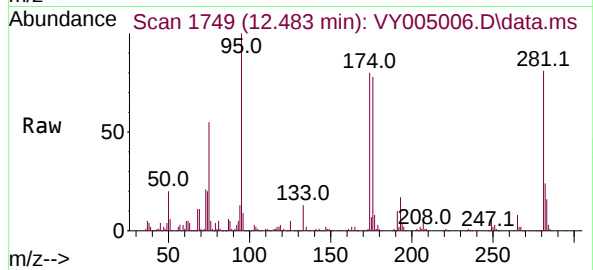
Tgt Ion: 75 Resp: 80969
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.067 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005006.D
 Acq: 07 Jun 2021 20:24

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 80969
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 2.1 35.0 52.6#

