

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061021\
 Data File : VY005085.D
 Acq On : 10 Jun 2021 18:25
 Operator : SY/MD
 Sample : M2672-08
 Misc : 7.68G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 05:07:46 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)

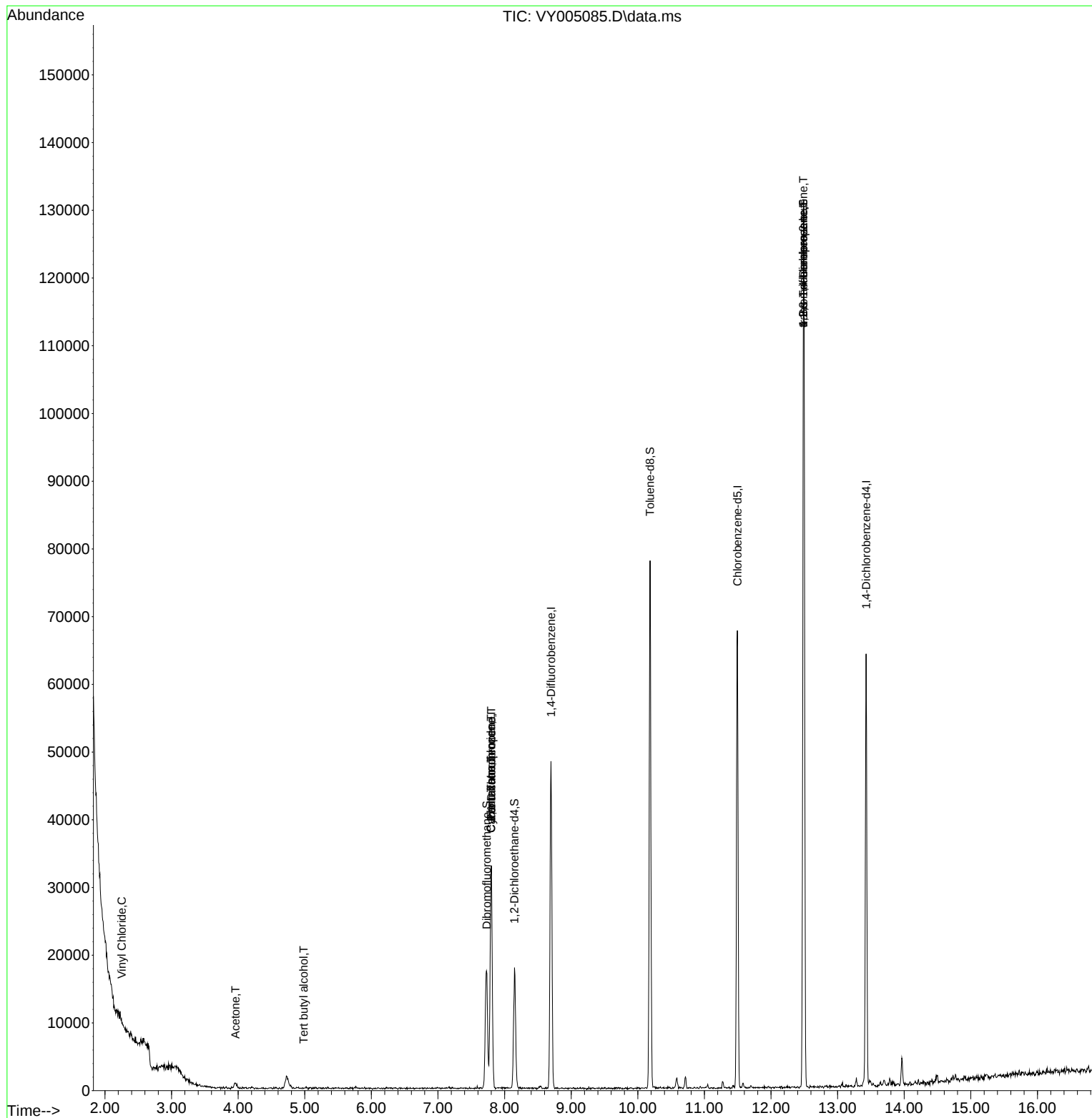
Internal Standards						
1) Pentafluorobenzene	7.801	168	24958	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	41449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	37537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	15996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	13610	51.582	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.160%	
35) Dibromofluoromethane	7.734	113	13186	59.130	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 118.260%	
50) Toluene-d8	10.185	98	50655	54.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.483	95	14905	46.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.580%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.253	62	443	1.488	ug/l #	43
11) Tert butyl alcohol	4.985	59	43	1.417	ug/l #	74
16) Acetone	3.960	43	1395	21.963	ug/l	91
20) Methylene Chloride	4.735	84	1488	Below Cal	#	75
31) Cyclohexane	7.795	56	542	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	2048	5.049	ug/l #	49
38) Carbon Tetrachloride	7.795	117	2709	7.674	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	8256	47.084	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	8256	86.529	ug/l #	17

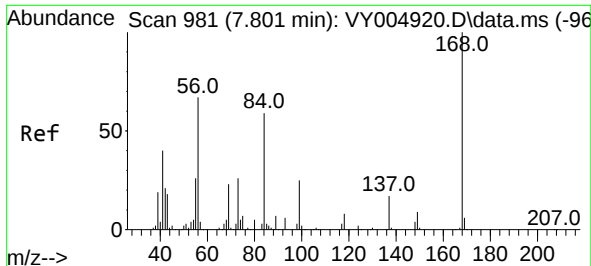
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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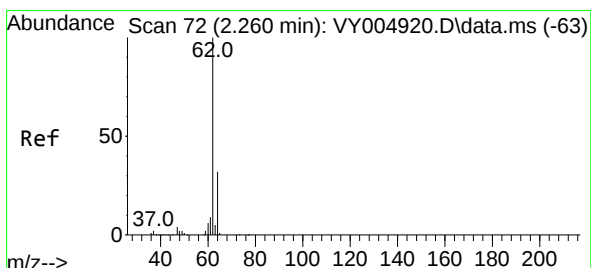
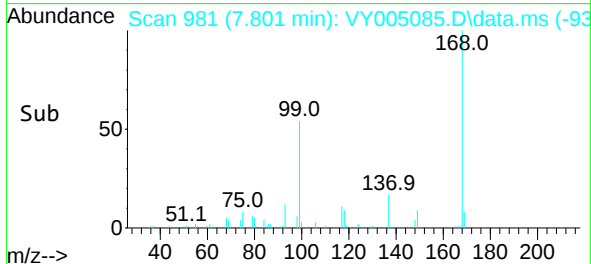
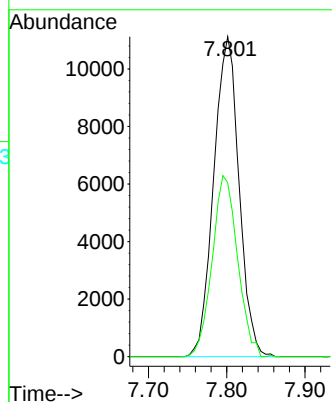
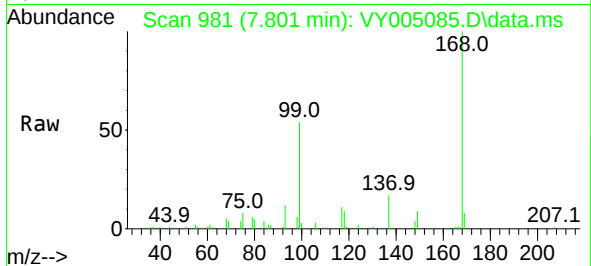




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

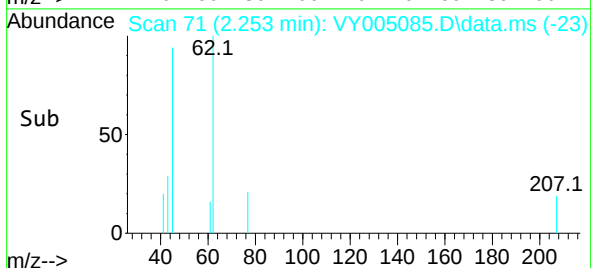
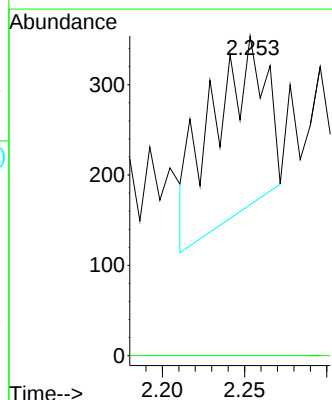
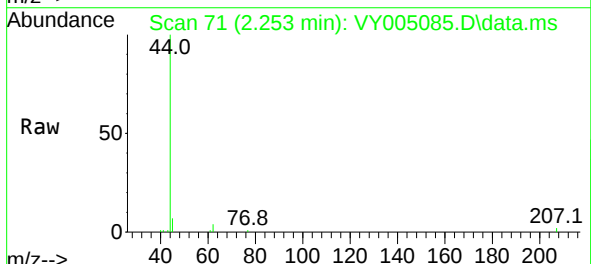
Instrument :
MSVOA_Y
ClientSampled :

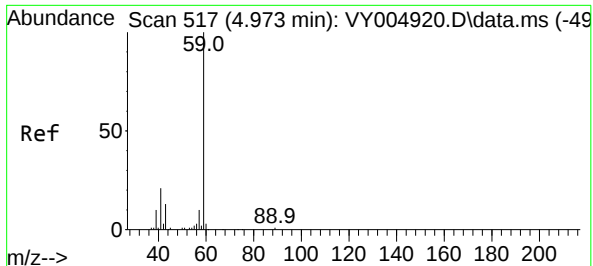
Tgt Ion:168 Resp: 24958
Ion Ratio Lower Upper
168 100
99 54.3 43.9 65.9



#4
Vinyl Chloride
Concen: 1.488 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Tgt Ion: 62 Resp: 443
Ion Ratio Lower Upper
62 100
64 0.0 25.4 38.0#



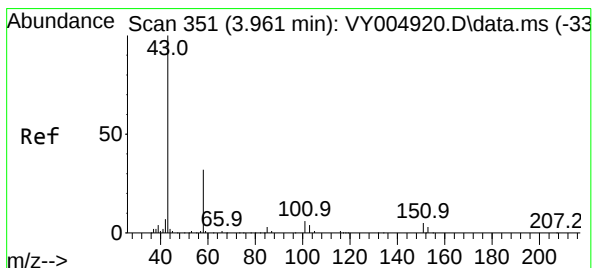
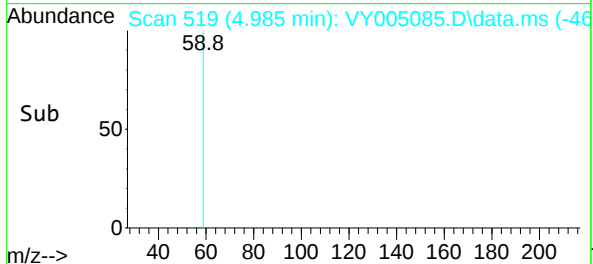
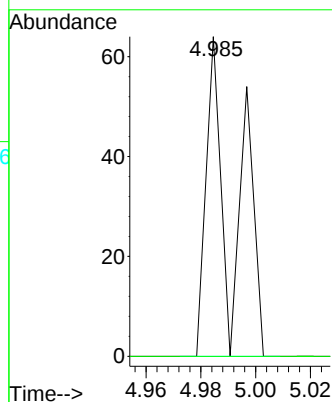
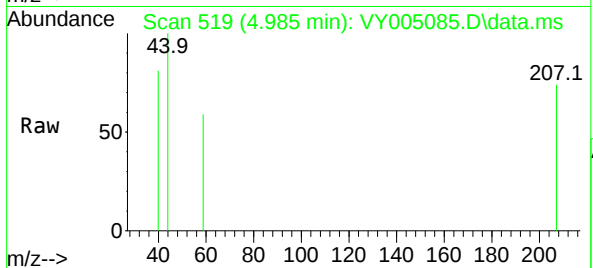


#11

Tert butyl alcohol
Concen: 1.417 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Instrument :
MSVOA_Y
ClientSampled :

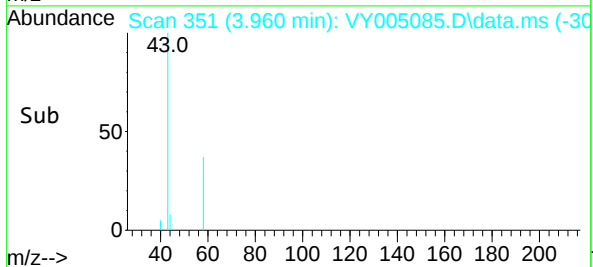
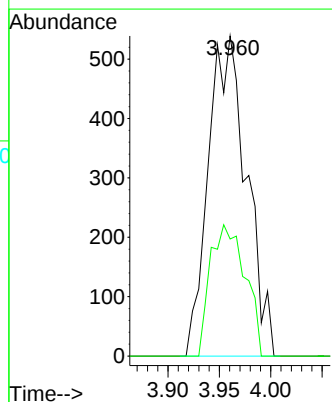
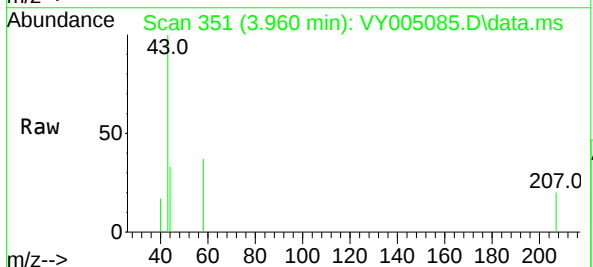
Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

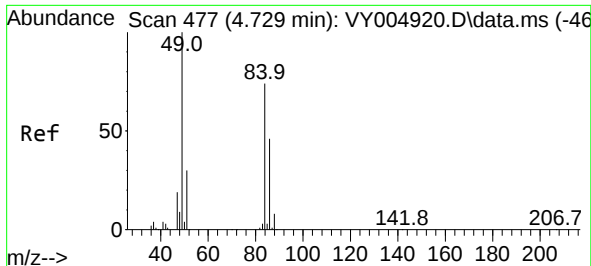


#16

Acetone
Concen: 21.963 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

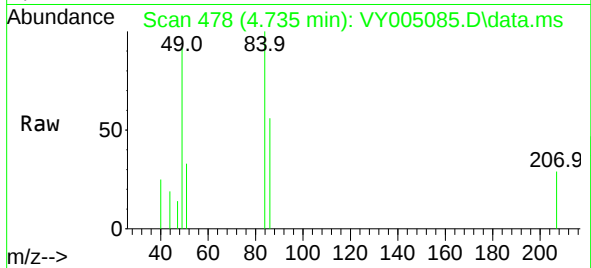
Tgt Ion: 43 Resp: 1395
Ion Ratio Lower Upper
43 100
58 36.5 25.3 37.9



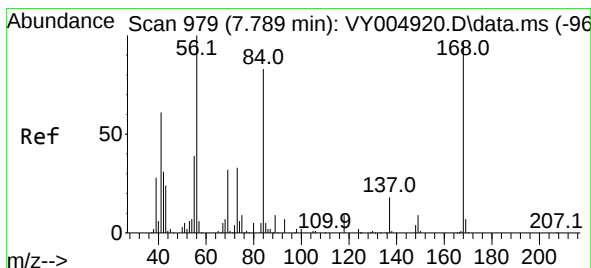
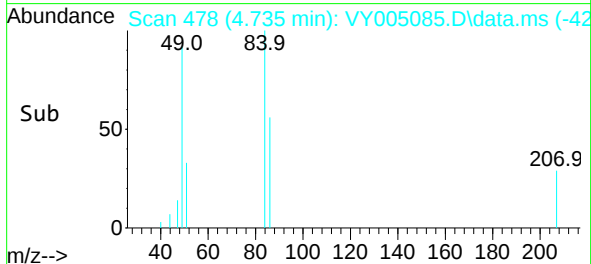
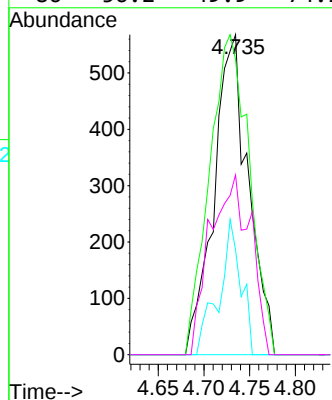


#20
Methylene Chloride
Concen: Below Cal
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

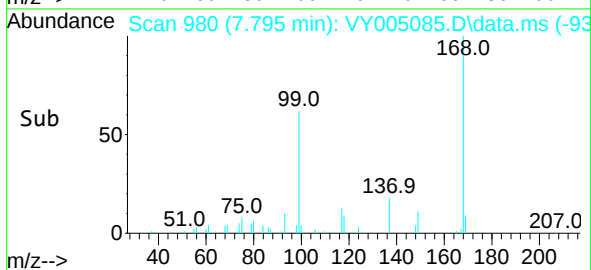
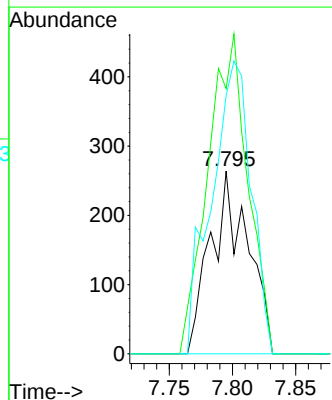
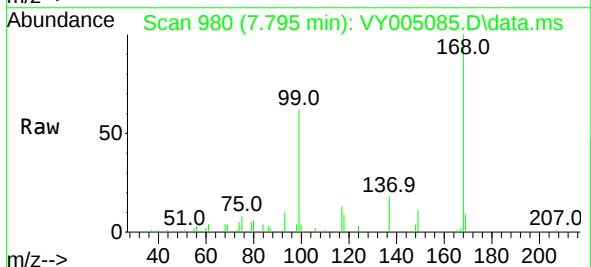


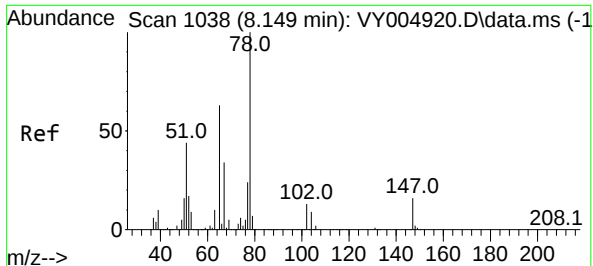
Tgt Ion: 84 Resp: 1488
Ion Ratio Lower Upper
84 100
49 92.3 108.0 162.0#
51 32.7 32.6 48.8
86 56.2 49.9 74.9



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Tgt Ion: 56 Resp: 542
Ion Ratio Lower Upper
56 100
69 145.1 25.3 37.9#
84 141.3 66.2 99.4#

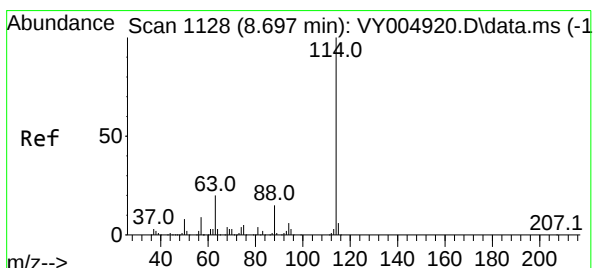
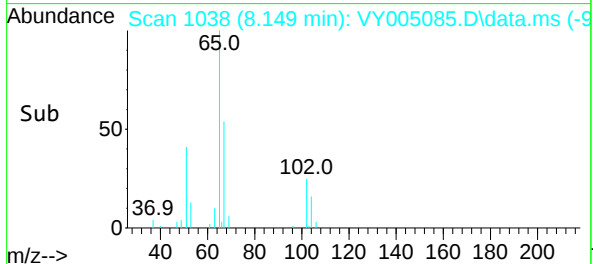
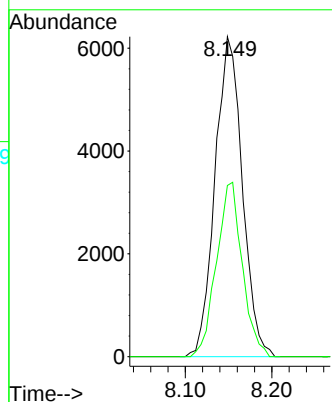
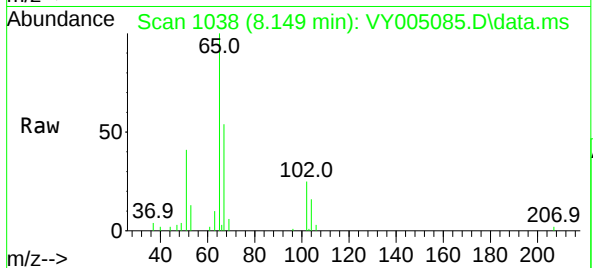




#33
 1,2-Dichloroethane-d4
 Concen: 51.582 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.000 min
 Lab File: VY005085.D
 Acq: 10 Jun 2021 18:25

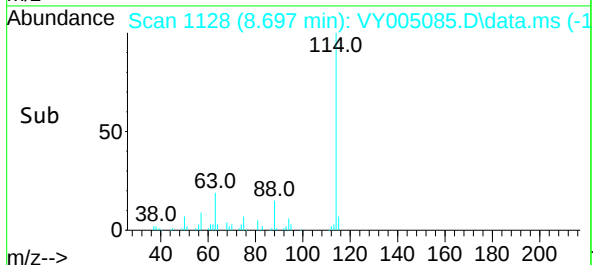
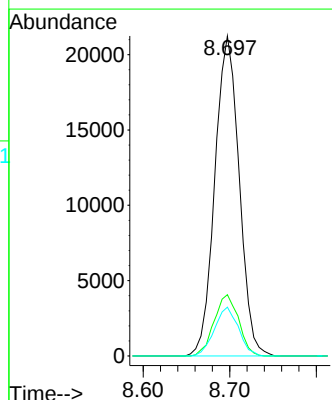
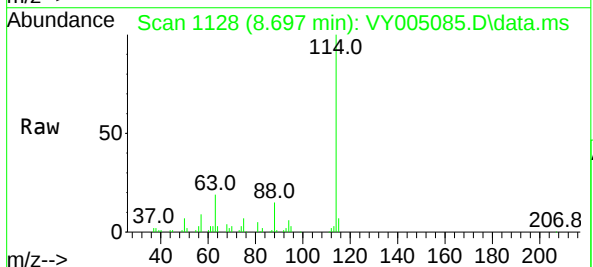
Instrument :
 MSVOA_Y
 ClientSampleId :

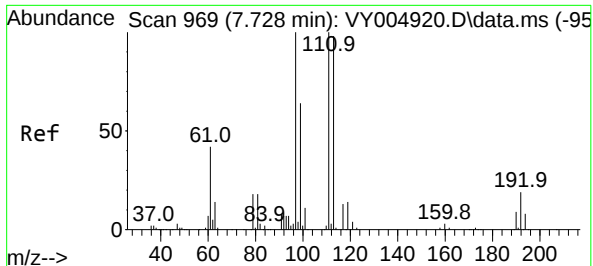
Tgt Ion: 65 Resp: 13610
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VY005085.D
 Acq: 10 Jun 2021 18:25

Tgt Ion: 114 Resp: 41449
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.0
 88 15.2 0.0 30.6

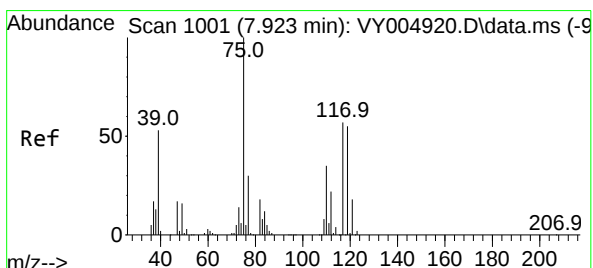
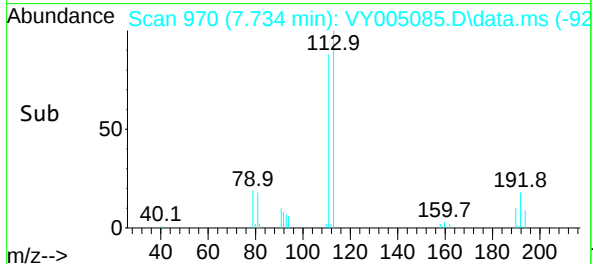
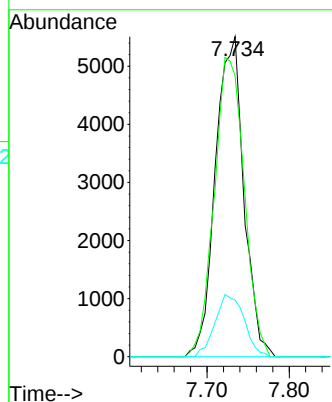
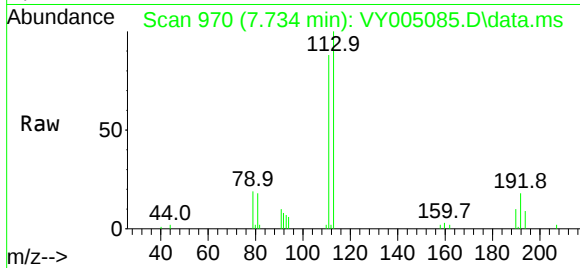




#35
Dibromofluoromethane
Concen: 59.130 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

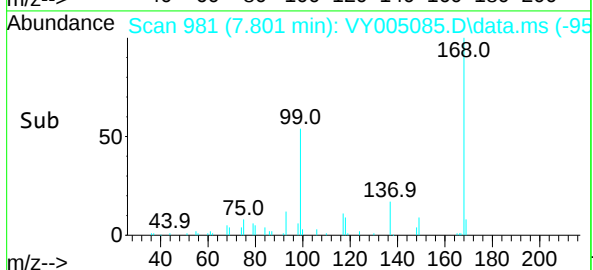
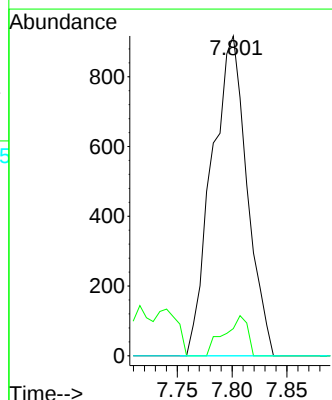
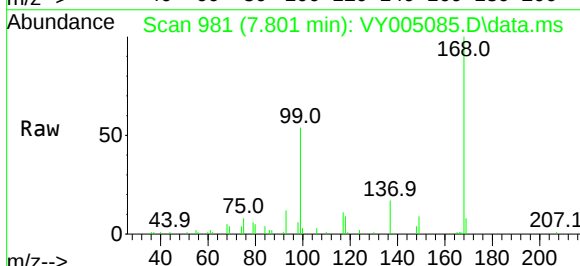
Instrument :
MSVOA_Y
ClientSampleId :

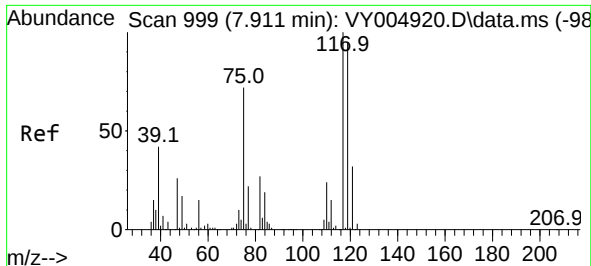
Tgt Ion:	113	Resp:	13186
Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.8	122.8
192	19.9	15.3	22.9



#36
1,1-Dichloropropene
Concen: 5.049 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

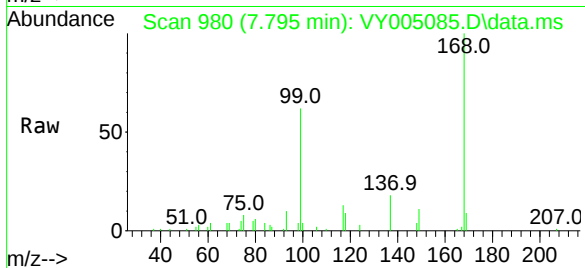
Tgt Ion:	75	Resp:	2048
Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.5	52.5#
77	0.0	25.1	37.7#



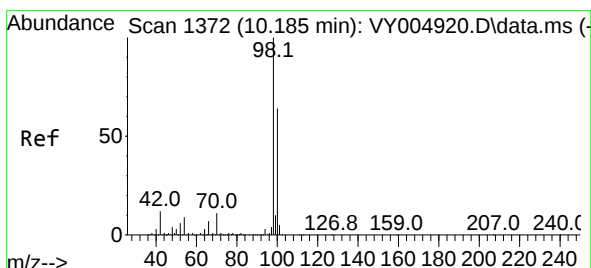
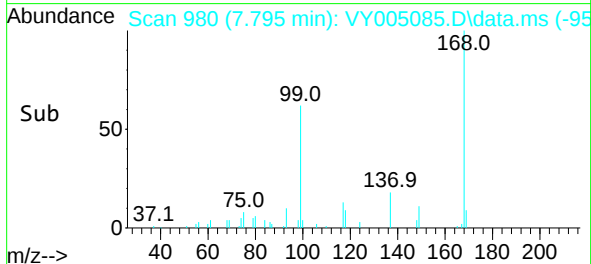
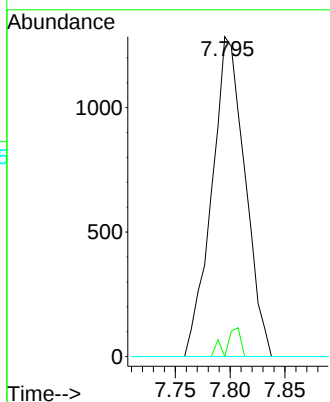


#38
Carbon Tetrachloride
Concen: 7.674 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Instrument :
MSVOA_Y
ClientSampleId :

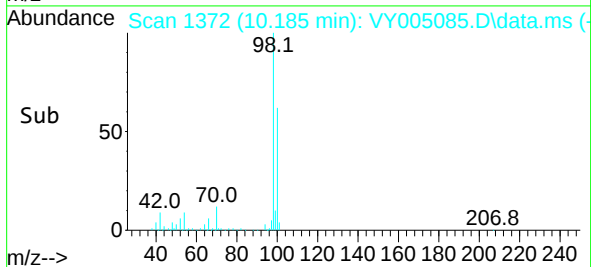
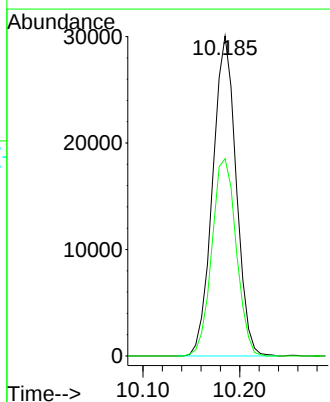
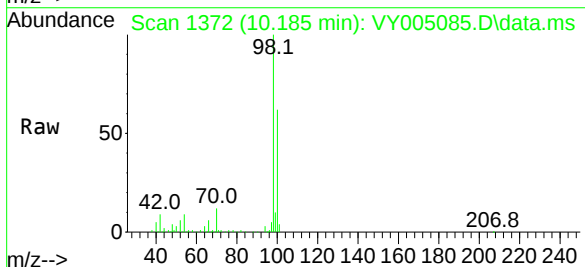


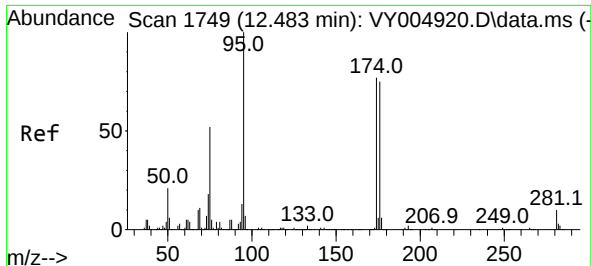
Tgt Ion:117 Resp: 2709
Ion Ratio Lower Upper
117 100
119 0.0 76.1 114.1#
121 0.0 25.5 38.3#



#50
Toluene-d8
Concen: 54.694 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Tgt Ion: 98 Resp: 50655
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

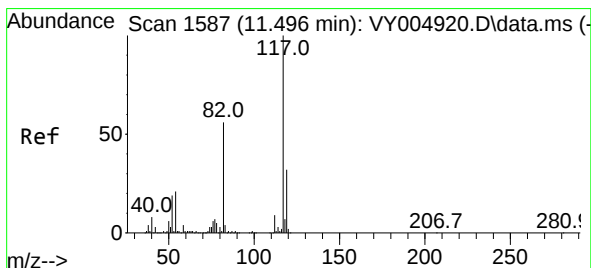
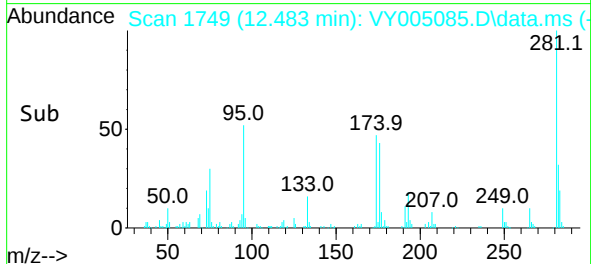
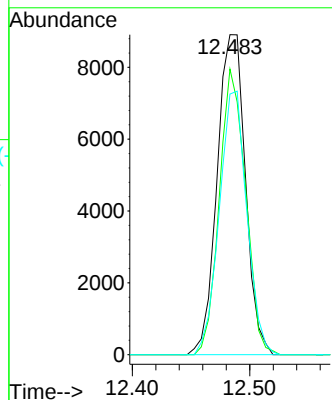
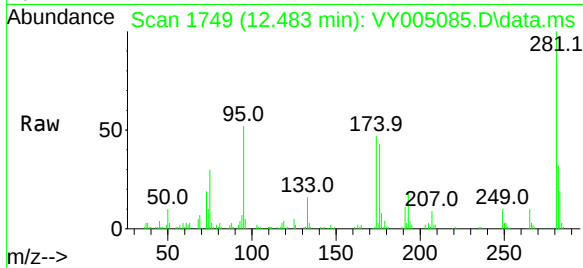




#62
4-Bromofluorobenzene
Concen: 46.795 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

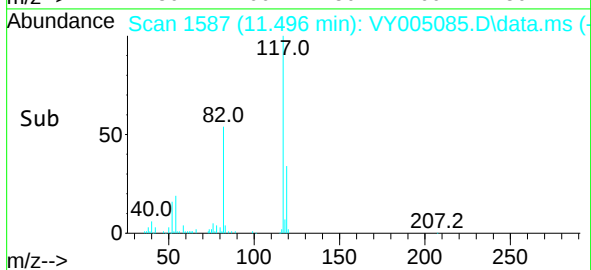
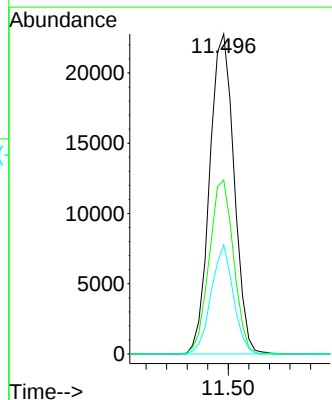
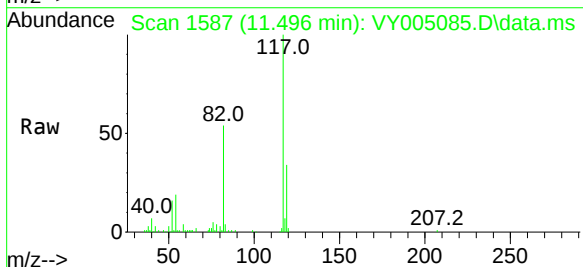
Instrument :
MSVOA_Y
ClientSampleId :

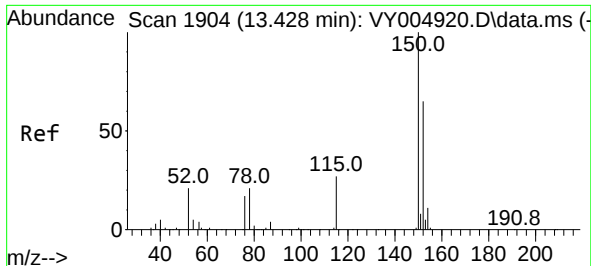
Tgt Ion: 95	Resp: 14905
Ion Ratio	Lower Upper
95 100	
174 82.8	0.0 160.8
176 80.3	0.0 155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

Tgt Ion: 117	Resp: 37537
Ion Ratio	Lower Upper
117 100	
82 54.3	44.8 67.2
119 34.1	25.2 37.8

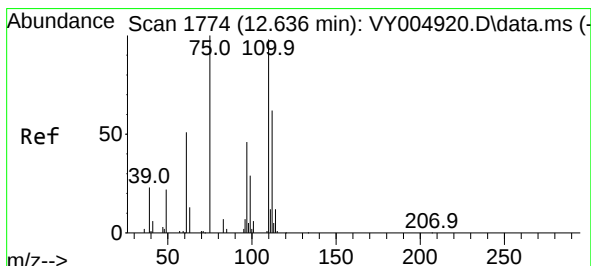
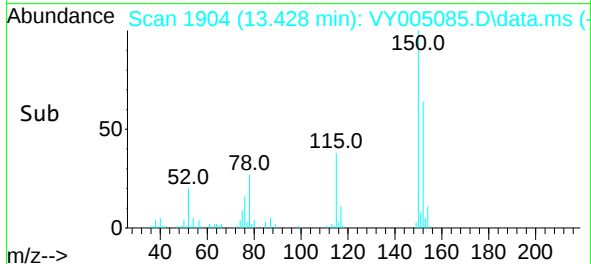
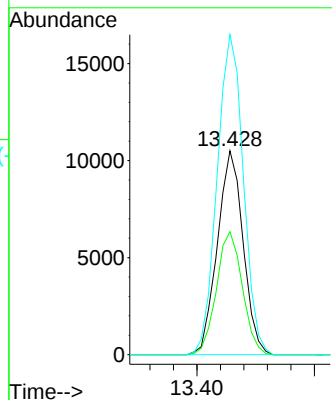
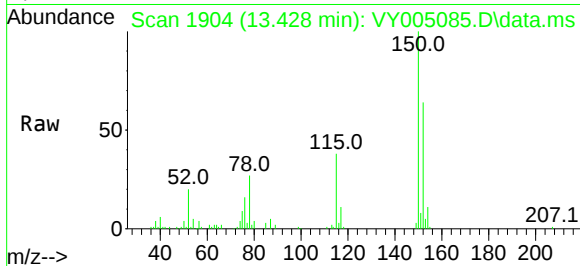




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

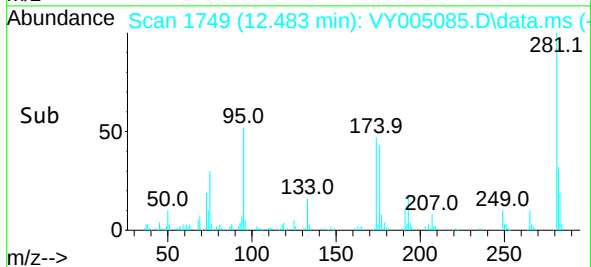
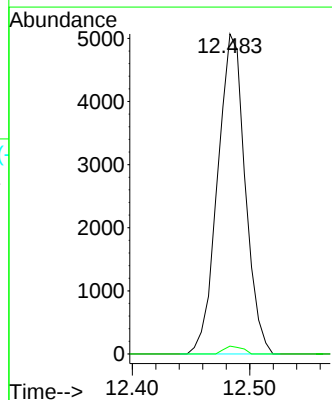
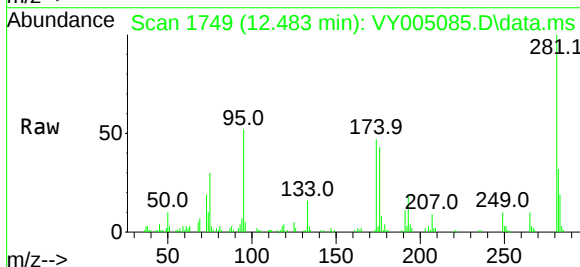
Instrument :
MSVOA_Y
ClientSampleId :

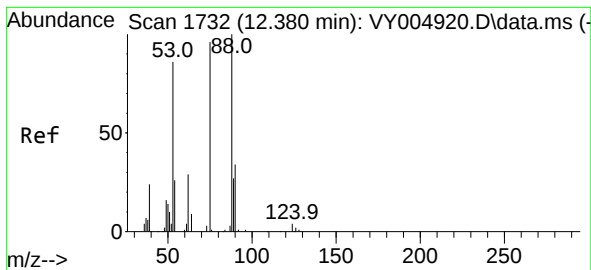
Tgt Ion:152 Resp: 15996
Ion Ratio Lower Upper
152 100
115 60.5 29.9 89.7
150 159.9 0.0 347.8



#76
1,2,3-Trichloropropane
Concen: 47.084 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY005085.D
Acq: 10 Jun 2021 18:25

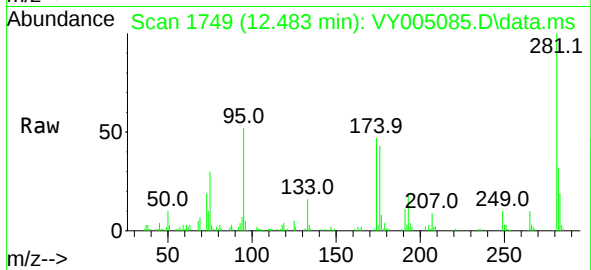
Tgt Ion: 75 Resp: 8256
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.529 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY005085.D
 Acq: 10 Jun 2021 18:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 8256
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.3 103.9#
 89 4.8 35.0 52.6#

