

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004499.D
 Acq On : 19 Apr 2021 15:38
 Operator : SY/MD
 Sample : M2075-13
 Misc : 5.28G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-S

Quant Time: Apr 20 01:49:02 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)

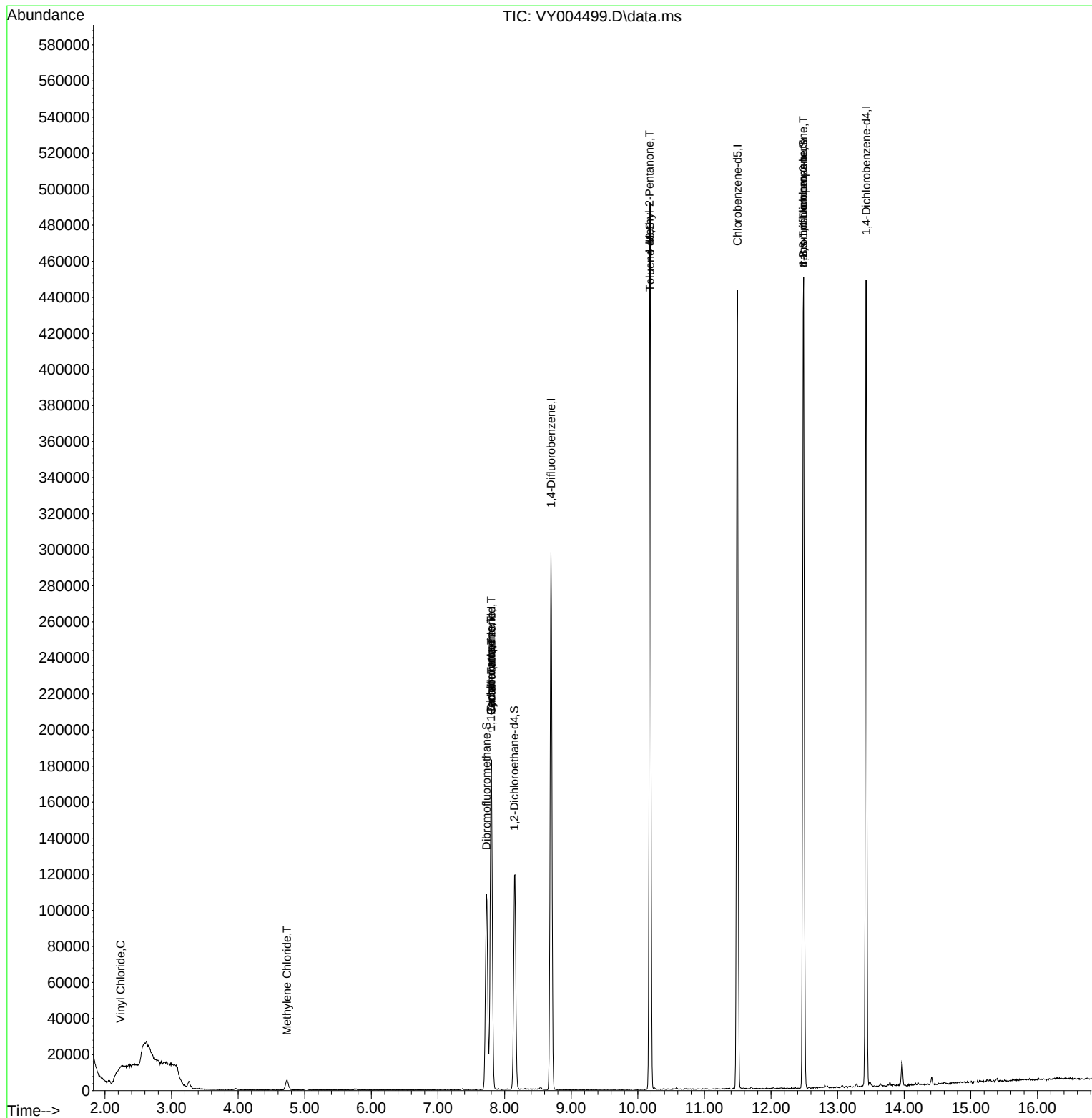
Internal Standards						
1) Pentafluorobenzene	7.801	168	136842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239216	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	230057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106241	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	93277	61.35	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 122.70%		
35) Dibromofluoromethane	7.728	113	74900	56.42	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 112.84%		
50) Toluene-d8	10.185	98	299012	52.95	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.90%		
62) 4-Bromofluorobenzene	12.483	95	103292	53.90	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.80%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.235	62	7726	3.99	ug/l #	43
16) Acetone	3.966	43	1587	Below Cal	#	76
20) Methylene Chloride	4.735	84	3844	2.62	ug/l	98
31) Cyclohexane	7.801	56	3268	1.17	ug/l #	3
36) 1,1-Dichloropropene	7.795	75	11250	4.73	ug/l #	51
38) Carbon Tetrachloride	7.801	117	13465	6.55	ug/l #	17
51) 4-Methyl-2-Pentanone	10.179	43	1537	1.03	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	58501	51.30	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58501	91.78	ug/l #	12

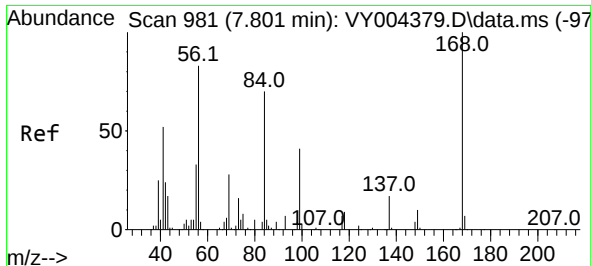
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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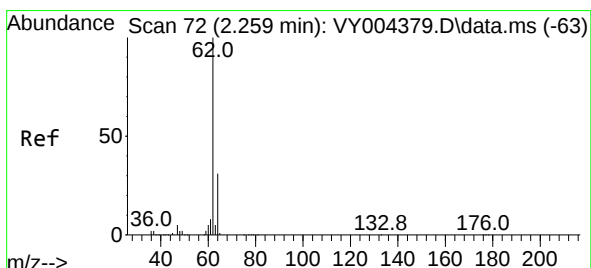
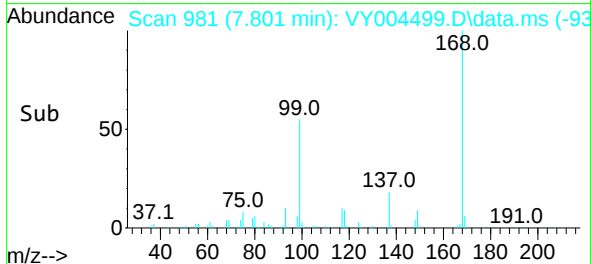
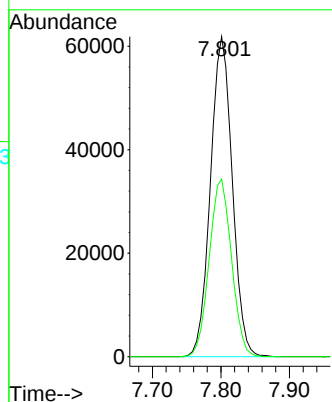
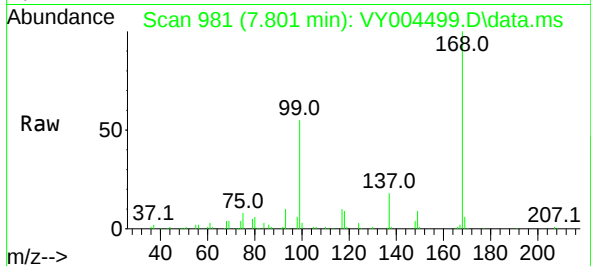




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

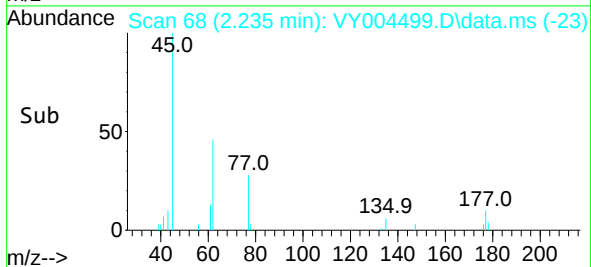
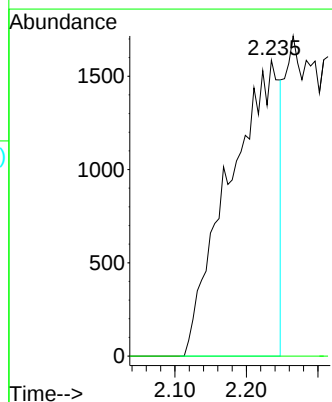
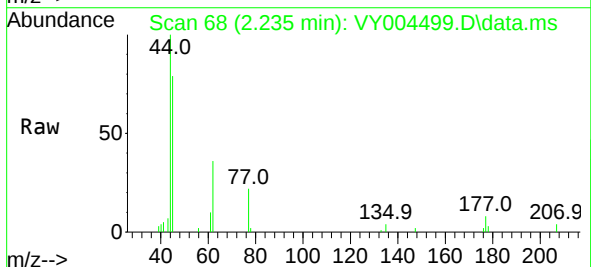
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S

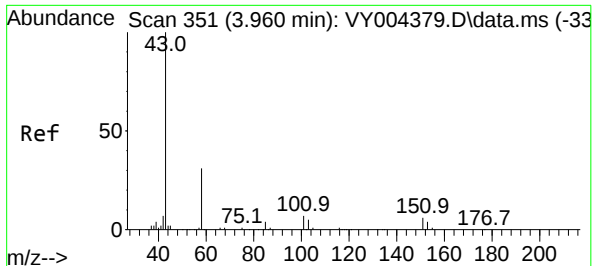
Tgt Ion:168 Resp: 136842
Ion Ratio Lower Upper
168 100
99 55.5 45.5 68.3



#4
Vinyl Chloride
Concen: 3.99 ug/l
RT: 2.235 min Scan# 68
Delta R.T. -0.024 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

Tgt Ion: 62 Resp: 7726
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

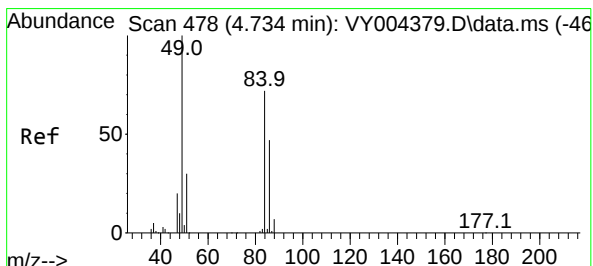
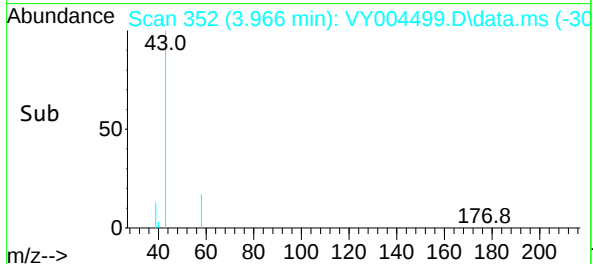
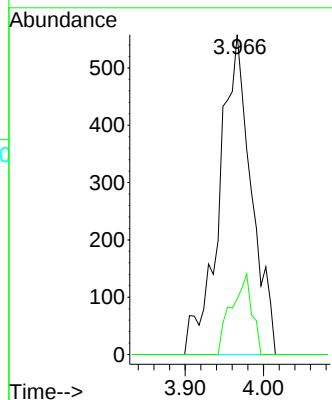
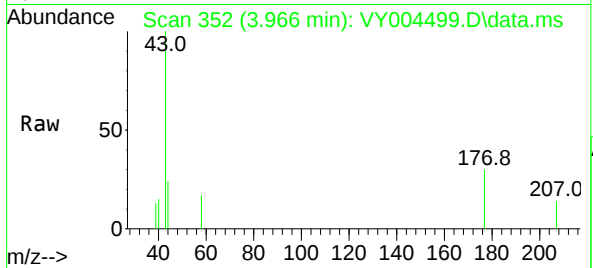




#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

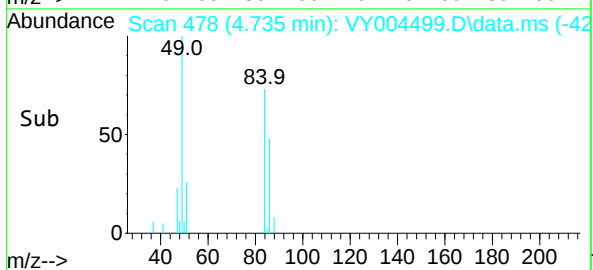
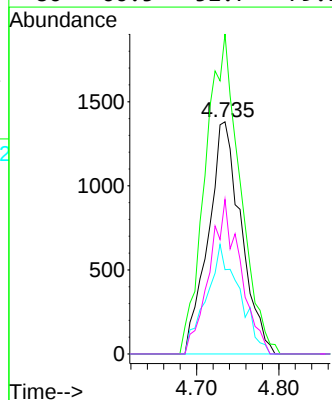
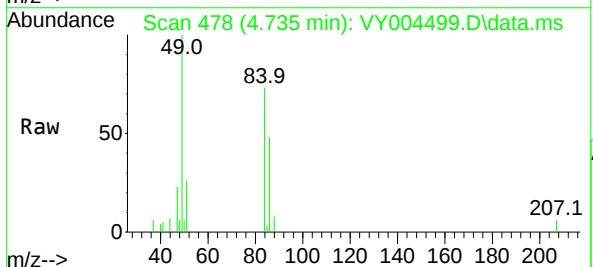
Instrument :
MSVOA_Y
ClientSampled :
TP-4-S

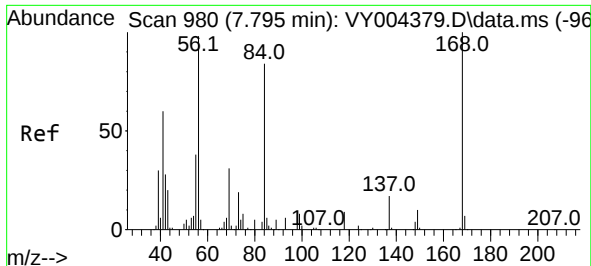
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 17.4 24.6 37.0#



#20
Methylene Chloride
Concen: 2.62 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

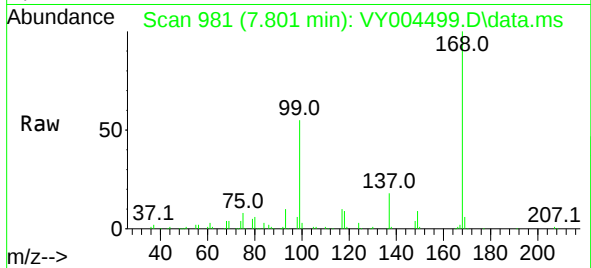
Tgt Ion: 84 Resp: 3844
Ion Ratio Lower Upper
84 100
49 137.8 111.2 166.8
51 36.4 33.4 50.2
86 66.5 52.7 79.1



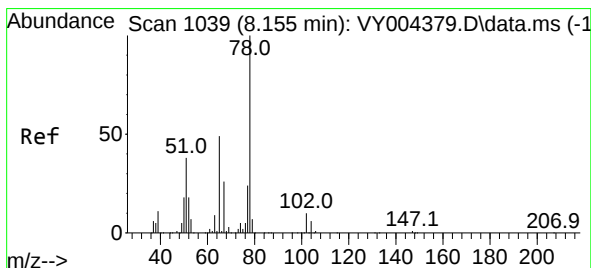
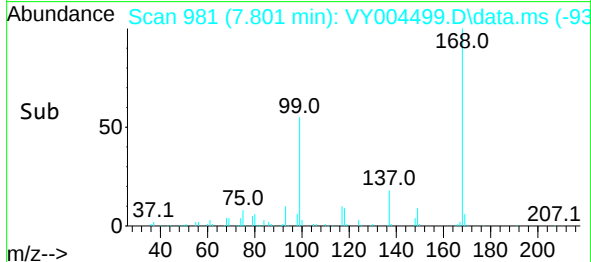
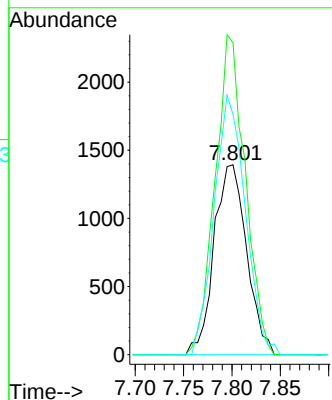


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

Instrument :
MSVOA_Y
ClientSampled :
TP-4-S

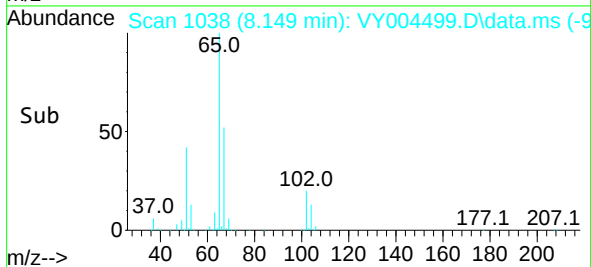
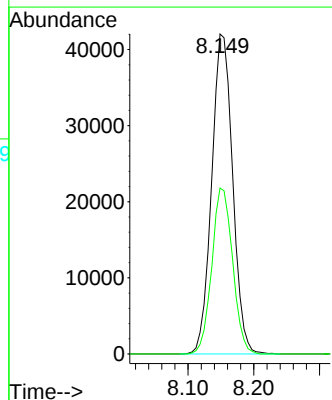
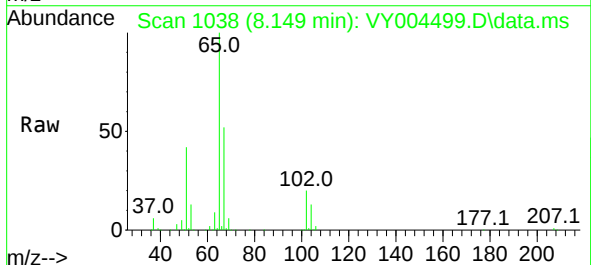


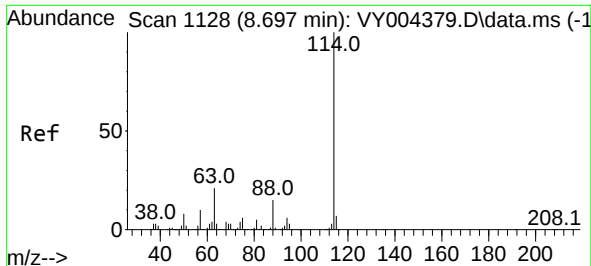
Tgt Ion: 56 Resp: 3268
Ion Ratio Lower Upper
56 100
69 164.1 25.8 38.6#
84 126.5 68.2 102.4#



#33
1,2-Dichloroethane-d4
Concen: 61.35 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

Tgt Ion: 65 Resp: 93277
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.4

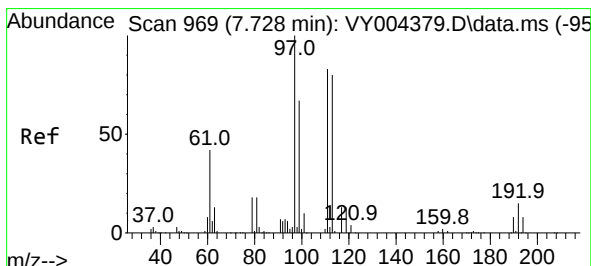
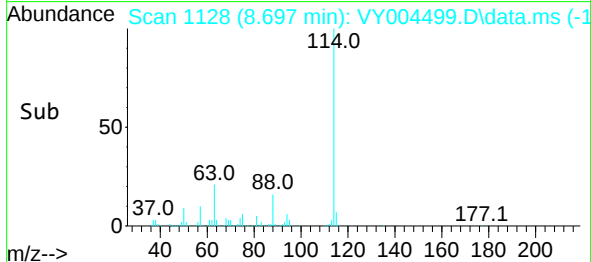
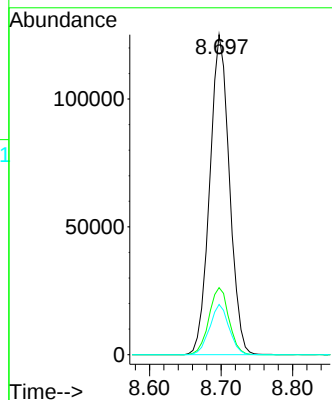
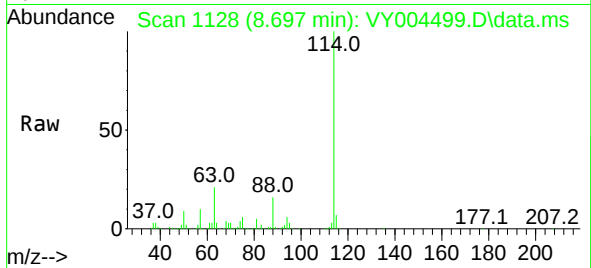




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

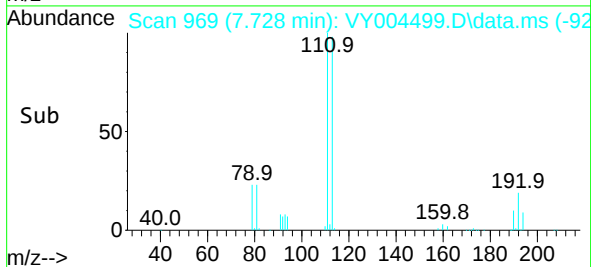
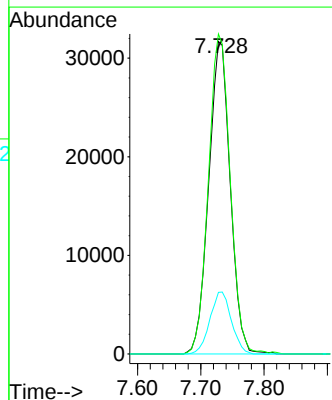
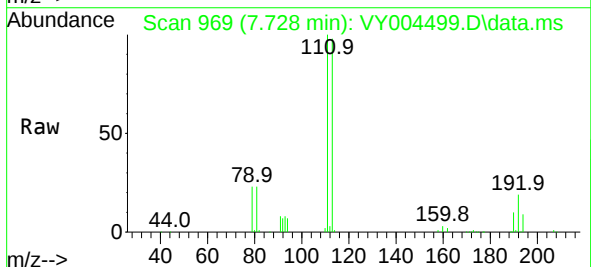
Instrument :
MSVOA_Y
ClientSampled :
TP-4-S

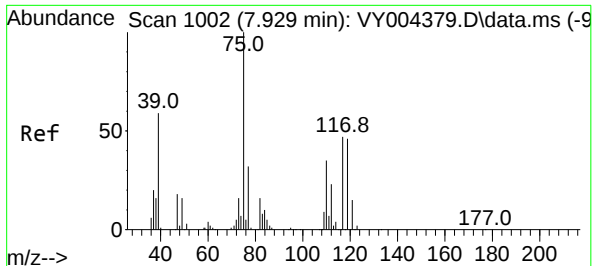
Tgt Ion:114 Resp: 239216
Ion Ratio Lower Upper
114 100
63 20.9 0.0 42.4
88 15.7 0.0 30.8



#35
Dibromofluoromethane
Concen: 56.42 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

Tgt Ion:113 Resp: 74900
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 19.8 16.1 24.1





#36

1,1-Dichloropropene

Concen: 4.73 ug/l

RT: 7.795 min Scan# 980

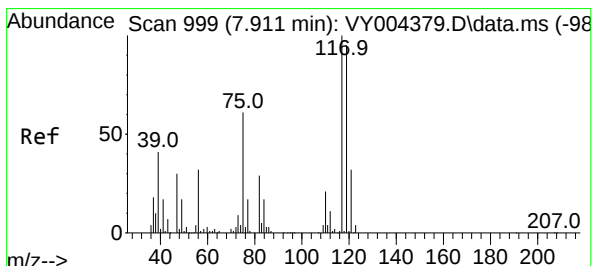
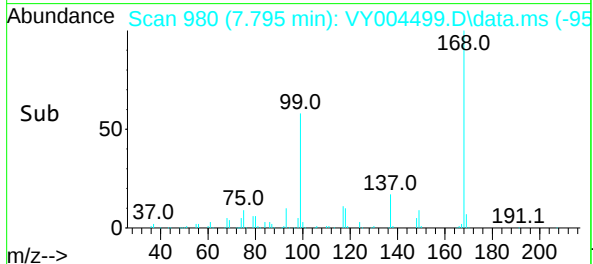
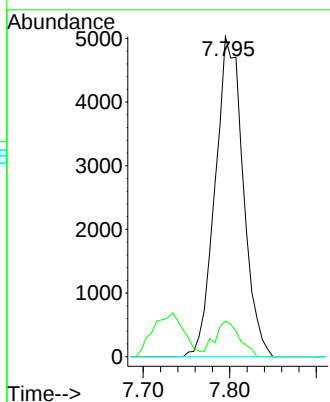
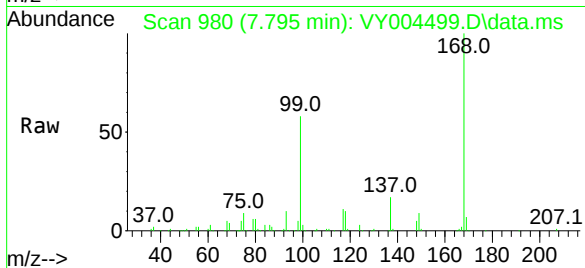
Delta R.T. -0.134 min

Lab File: VY004499.D

Acq: 19 Apr 2021 15:38

Tgt Ion:	75	Resp:	11250
Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.3	51.7#
77	0.0	24.3	36.5#

Instrument :
MSVOA_Y
ClientSampled :
TP-4-S



#38

Carbon Tetrachloride

Concen: 6.55 ug/l

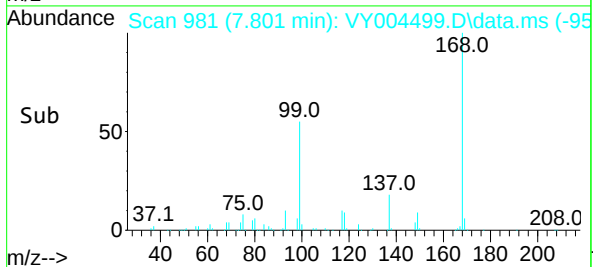
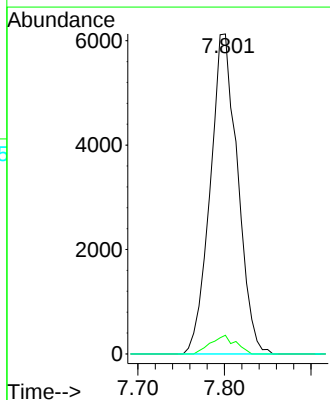
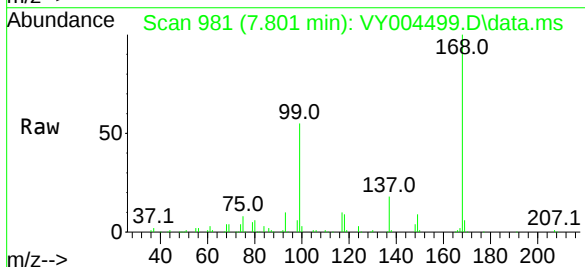
RT: 7.801 min Scan# 981

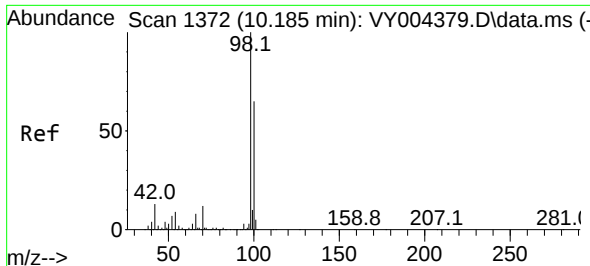
Delta R.T. -0.110 min

Lab File: VY004499.D

Acq: 19 Apr 2021 15:38

Tgt Ion:	117	Resp:	13465
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.8	113.8#
121	0.0	25.3	37.9#

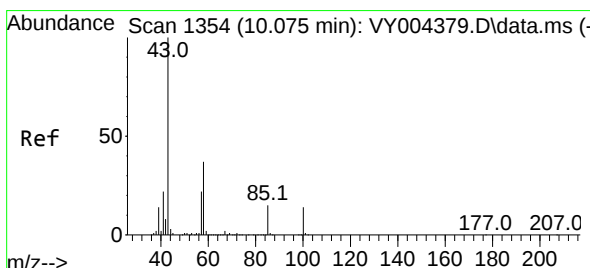
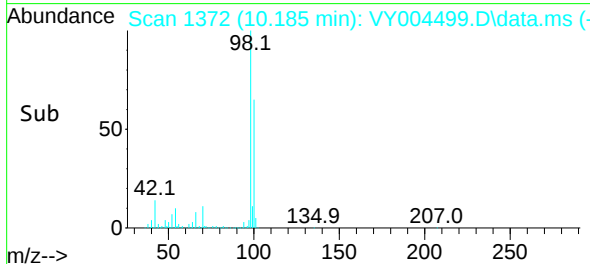
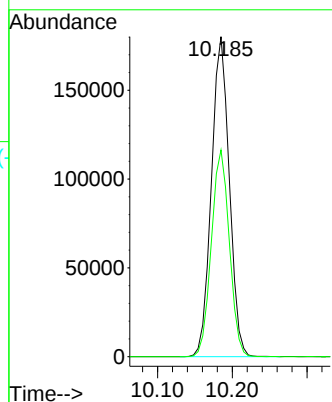
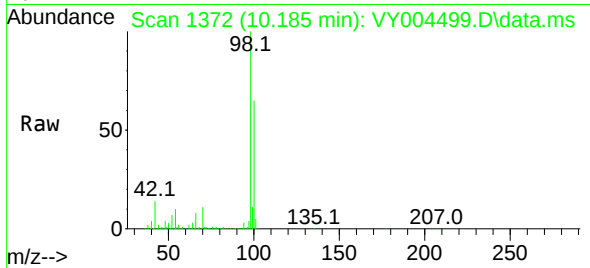




#50
Toluene-d8
Concen: 52.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

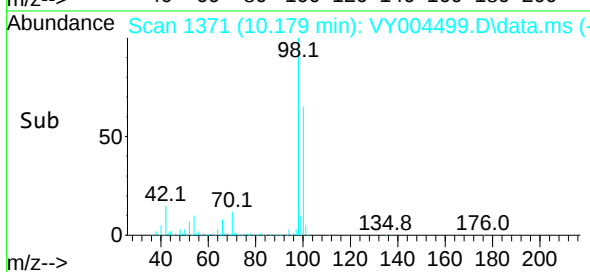
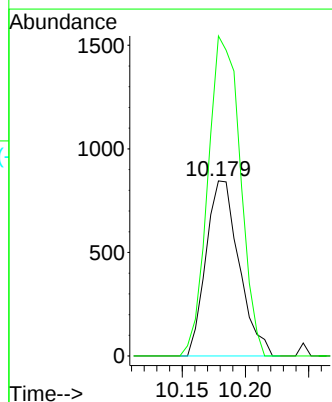
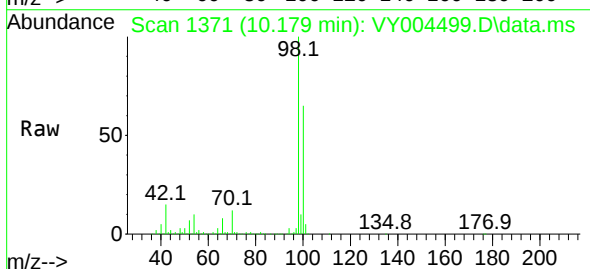
Instrument :
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ClientSampleId :
TP-4-S

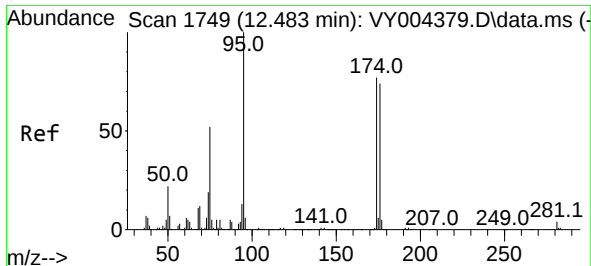
Tgt Ion: 98 Resp: 299012
Ion Ratio Lower Upper
98 100
100 65.0 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 1.03 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

Tgt Ion: 43 Resp: 1537
Ion Ratio Lower Upper
43 100
58 178.6 29.2 43.8#

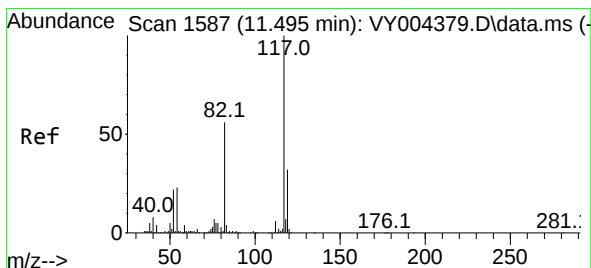
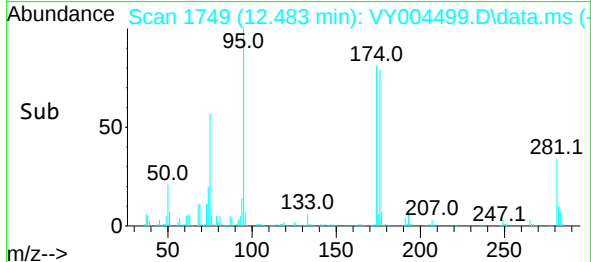
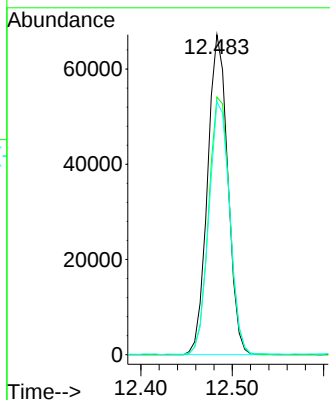
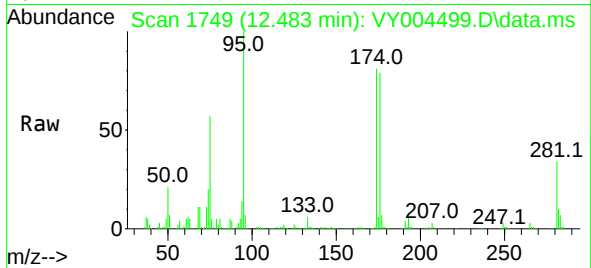




#62
4-Bromofluorobenzene
Concen: 53.90 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

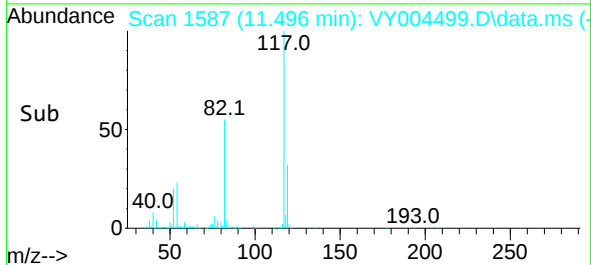
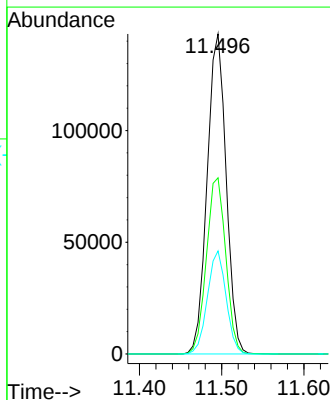
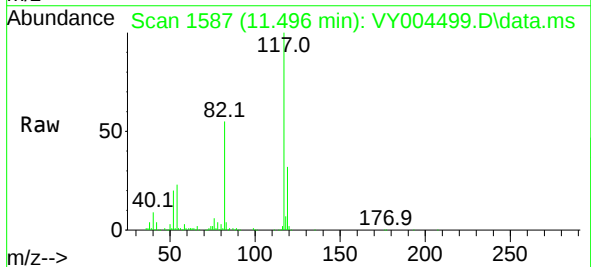
Instrument :
MSVOA_Y
ClientSampleId :
TP-4-S

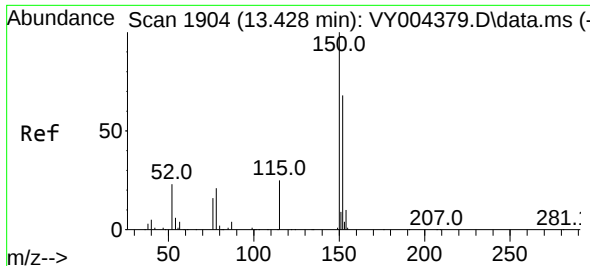
Tgt Ion: 95 Resp: 103292
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.4
176 81.9 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

Tgt Ion: 117 Resp: 230057
Ion Ratio Lower Upper
117 100
82 55.0 44.9 67.3
119 32.2 25.4 38.0

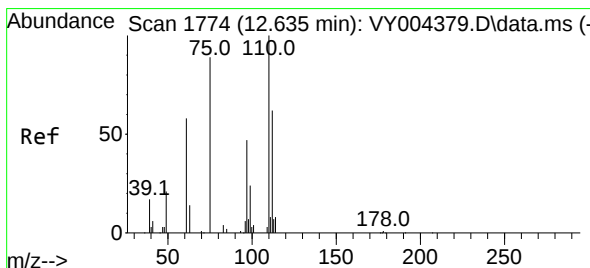
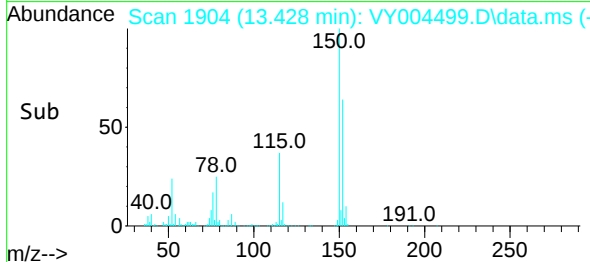
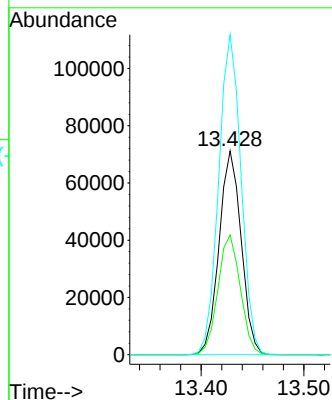
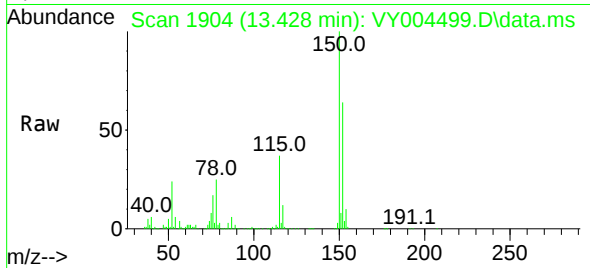




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

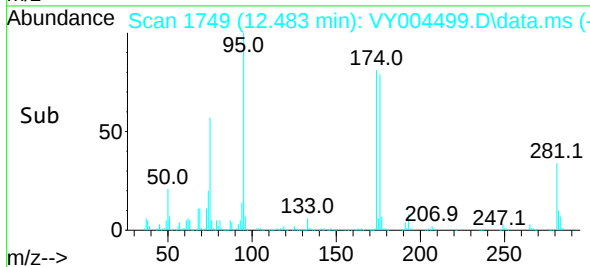
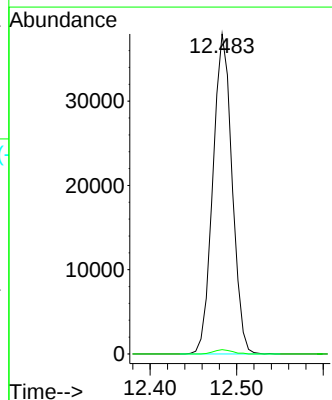
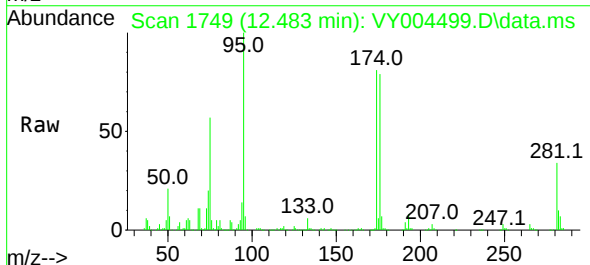
Instrument :
MSVOA_Y
ClientSampled :
TP-4-S

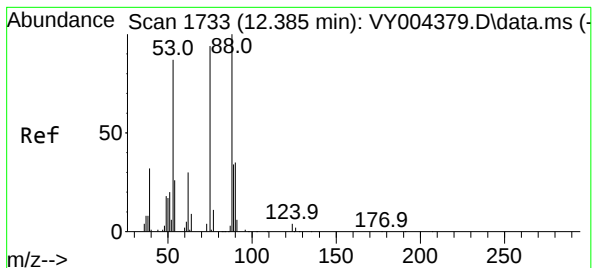
Tgt Ion:152 Resp: 106241
Ion Ratio Lower Upper
152 100
115 59.5 29.6 88.8
150 158.8 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 51.30 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004499.D
Acq: 19 Apr 2021 15:38

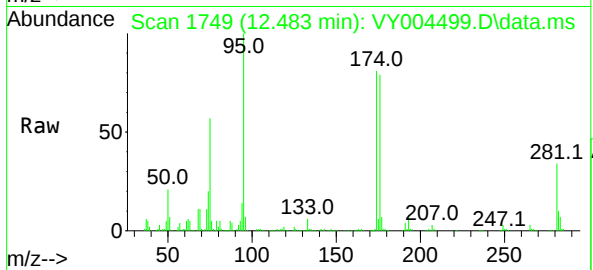
Tgt Ion: 75 Resp: 58501
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.78 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004499.D
 Acq: 19 Apr 2021 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4-S



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.9	36.1	54.1#

