

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005853.D
 Acq On : 26 Aug 2021 12:13
 Operator : SY/MD
 Sample : M3524-08
 Misc : 5.03G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6D

Quant Time: Aug 27 03:25:06 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	188454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	317944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	171939	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	117730	61.716	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.440%
35) Dibromofluoromethane	7.728	113	98054	55.084	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.160%
50) Toluene-d8	10.185	98	412141	55.205	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	110.420%
62) 4-Bromofluorobenzene	12.483	95	146870	59.408	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.820%

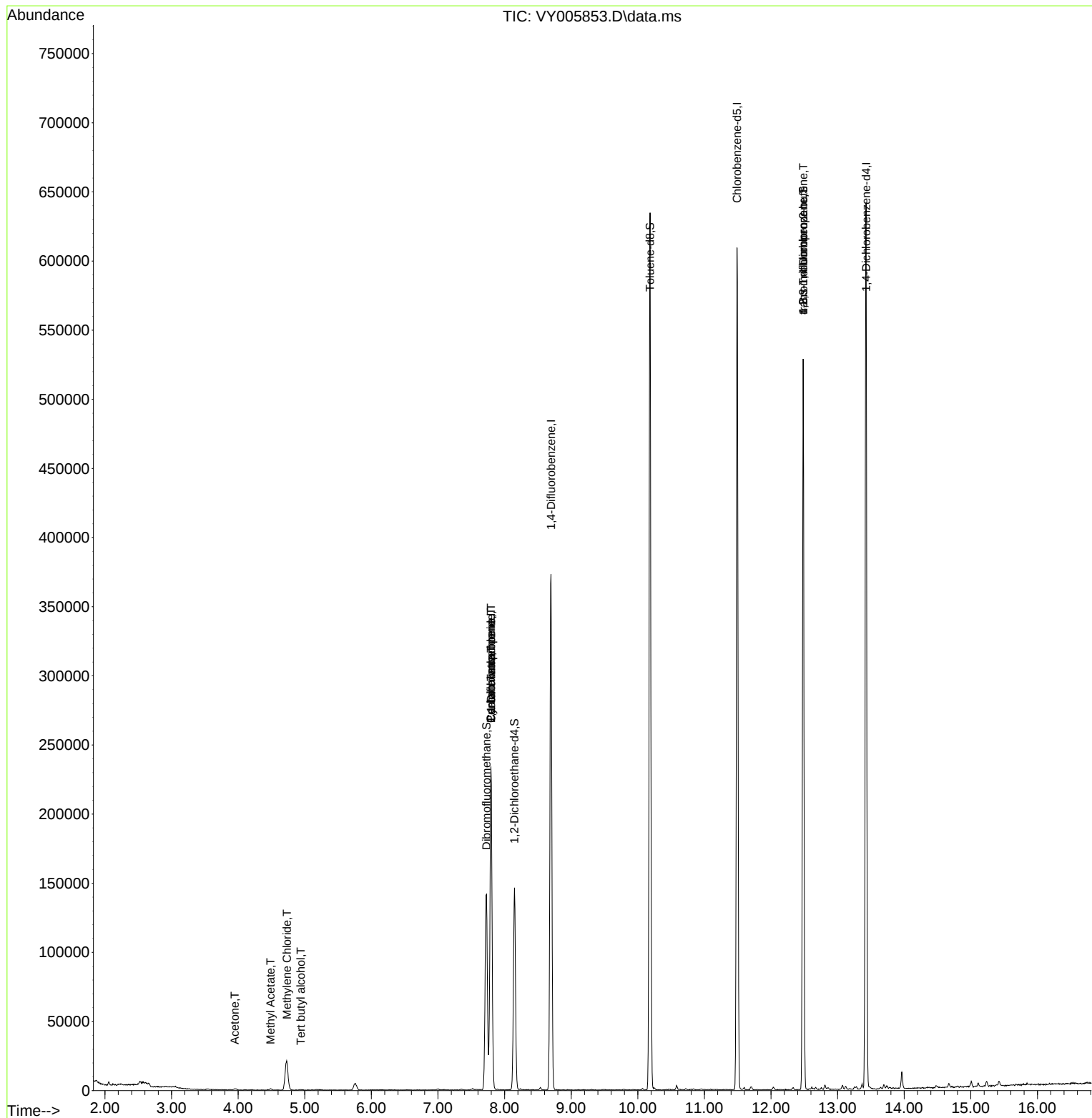
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.942	59	401	2.126	ug/l #	73
16) Acetone	3.948	43	727	1.512	ug/l #	78
18) Methyl Acetate	4.485	43	1557	1.238	ug/l	94
20) Methylene Chloride	4.735	84	15939	2.613	ug/l #	84
31) Cyclohexane	7.795	56	3721	1.137	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	12703	4.260	ug/l #	49
38) Carbon Tetrachloride	7.795	117	16985	5.241	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	79057	44.370	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	79057	89.443	ug/l #	11

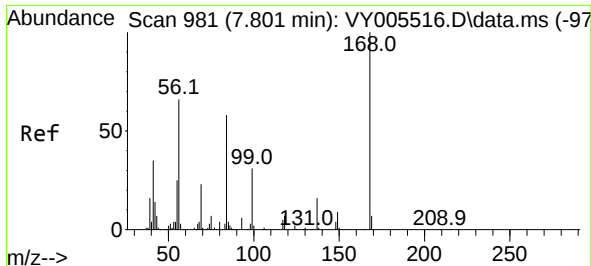
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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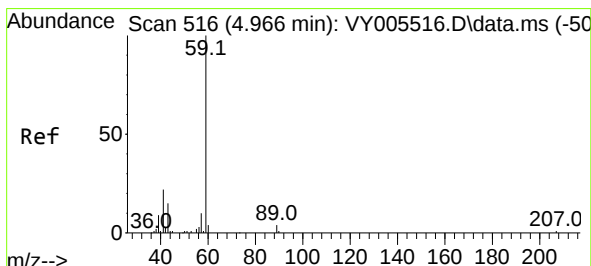
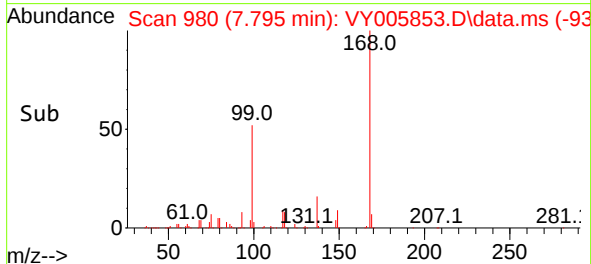
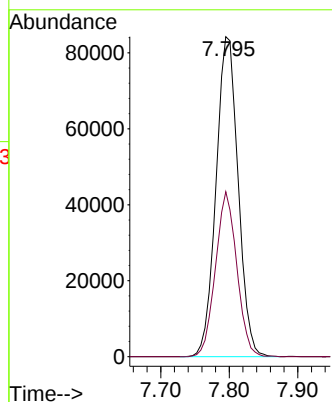
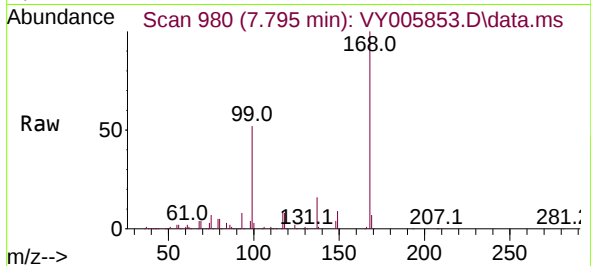




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

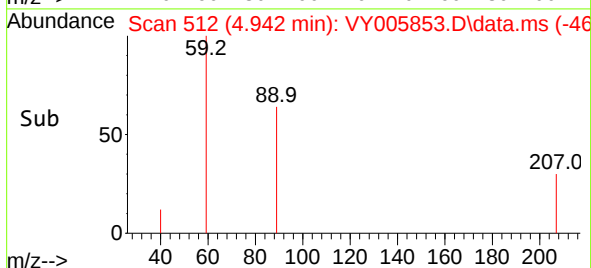
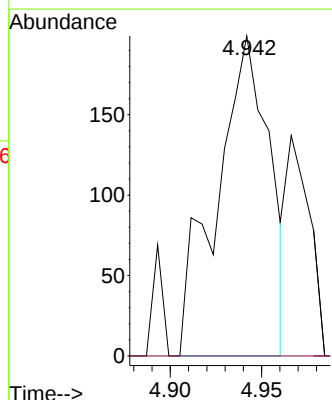
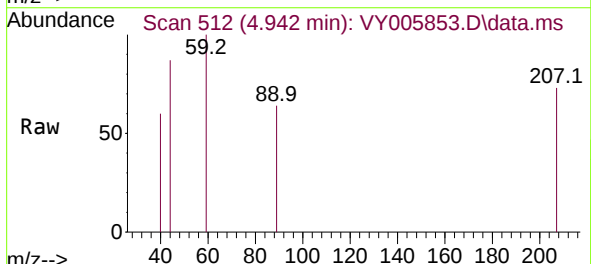
Instrument :
MSVOA_Y
ClientSampleId :
PE-6D

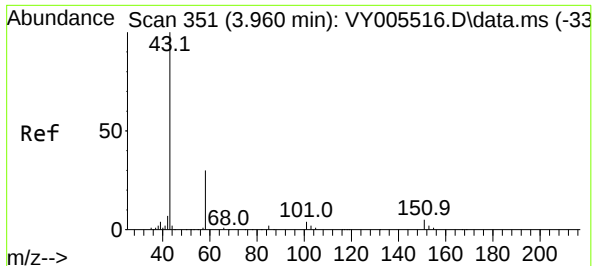
Tgt Ion:168 Resp: 188454
Ion Ratio Lower Upper
168 100
99 51.5 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.126 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.024 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

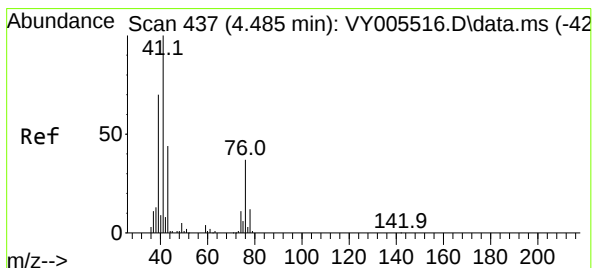
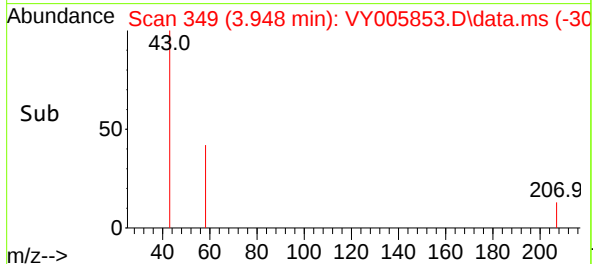
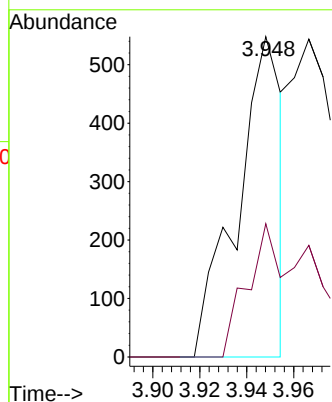
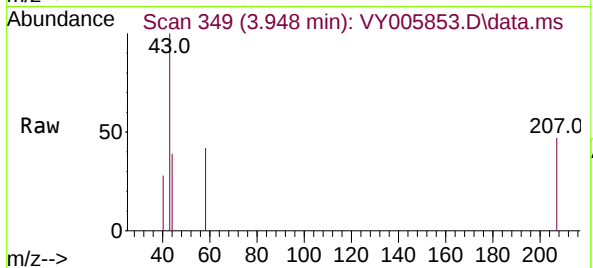




#16
Acetone
Concen: 1.512 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

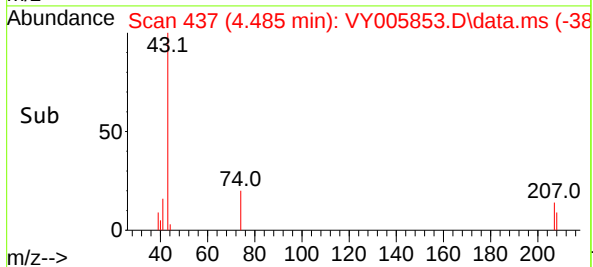
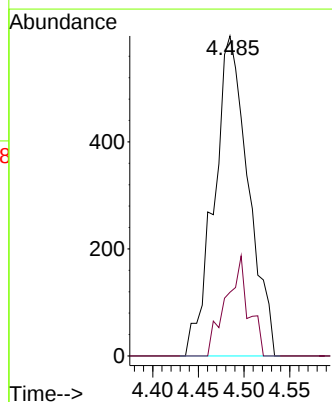
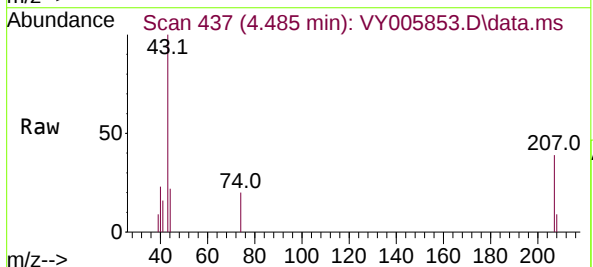
Instrument :
MSVOA_Y
ClientSampled :
PE-6D

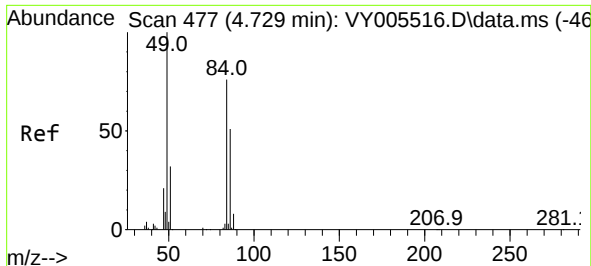
Tgt Ion: 43 Resp: 727
Ion Ratio Lower Upper
43 100
58 41.6 23.8 35.6#



#18
Methyl Acetate
Concen: 1.238 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
74 20.6 19.0 28.6



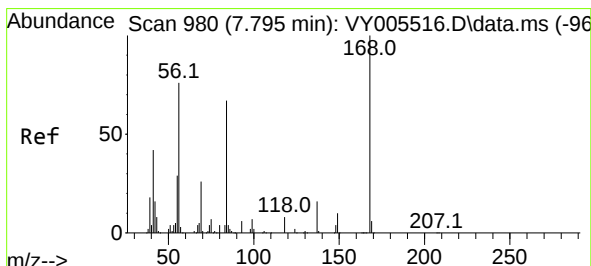
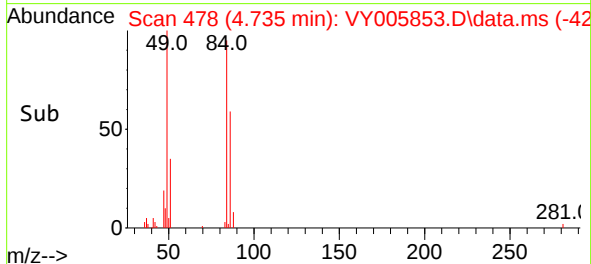
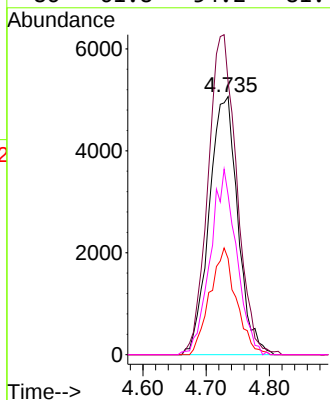
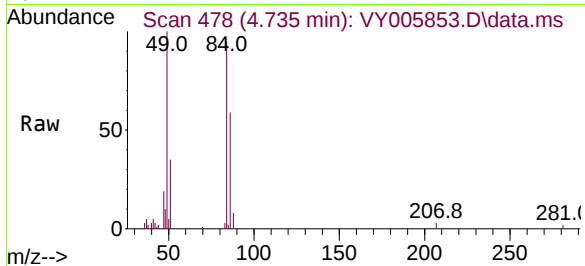


#20
Methylene Chloride
Concen: 2.613 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Instrument :
MSVOA_Y
ClientSampled :
PE-6D

Tgt Ion: 84 Resp: 15939

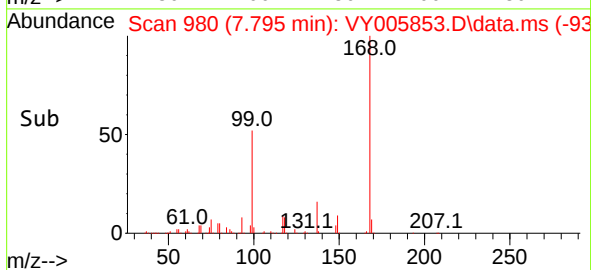
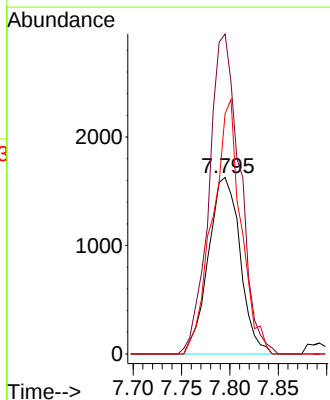
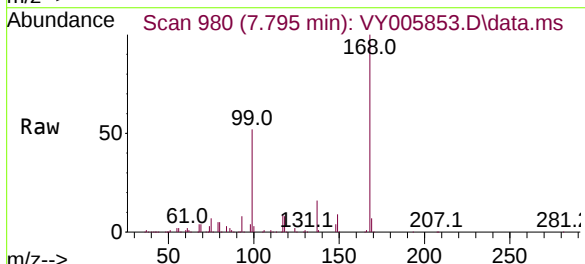
Ion	Ratio	Lower	Upper
84	100		
49	105.6	105.8	158.6#
51	37.2	33.4	50.2
86	61.8	54.2	81.4

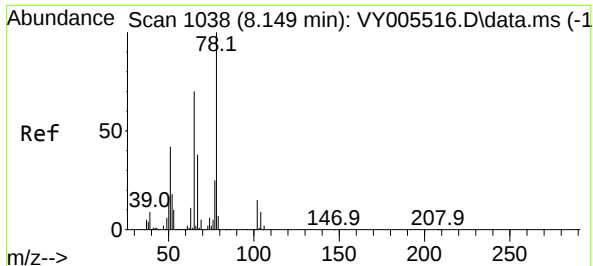


#31
Cyclohexane
Concen: 1.137 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion: 56 Resp: 3721

Ion	Ratio	Lower	Upper
56	100		
69	181.3	27.7	41.5#
84	136.1	70.9	106.3#

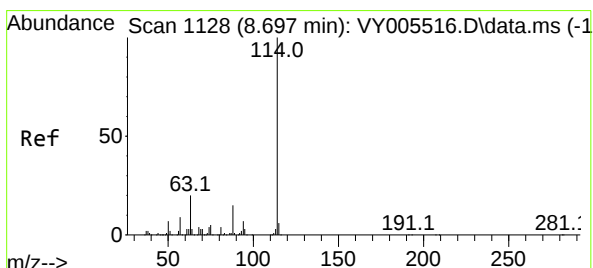
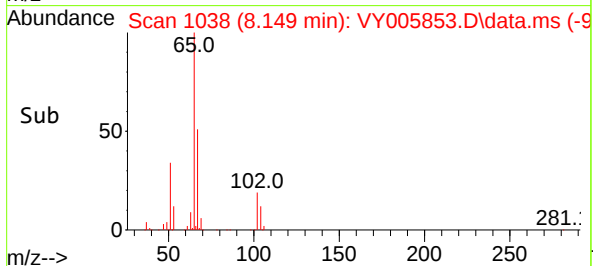
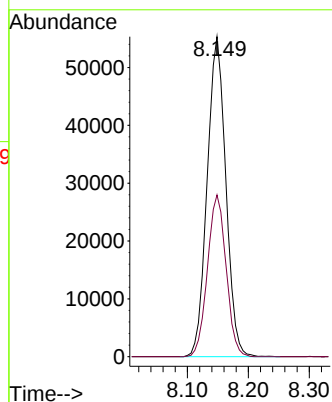
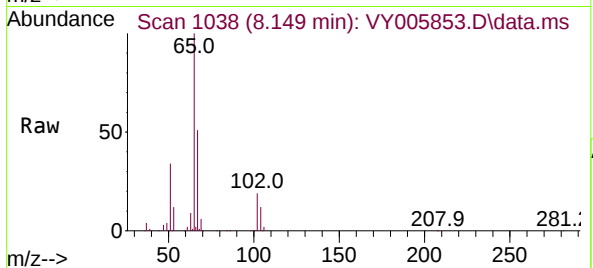




#33
1,2-Dichloroethane-d4
Concen: 61.716 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

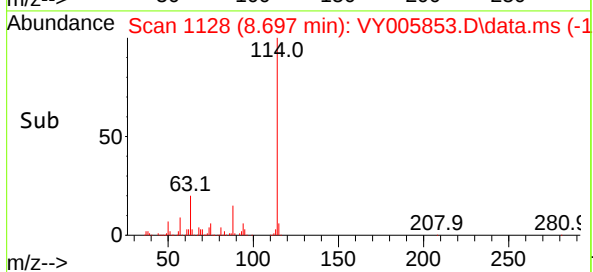
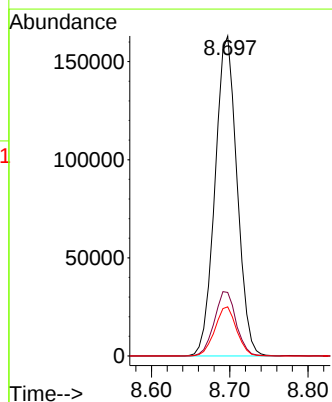
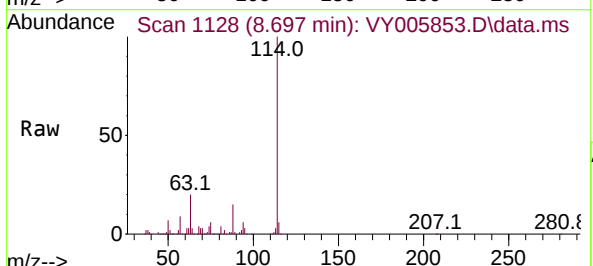
Instrument :
MSVOA_Y
ClientSampleId :
PE-6D

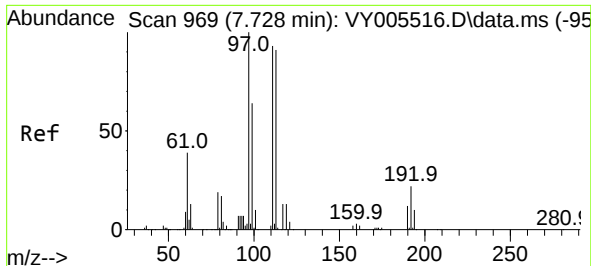
Tgt Ion: 65 Resp: 117730
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion:114 Resp: 317944
Ion Ratio Lower Upper
114 100
63 19.8 0.0 39.2
88 15.3 0.0 30.8

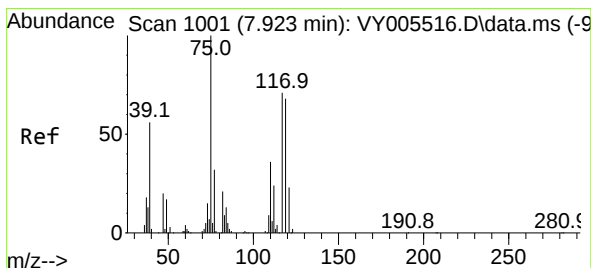
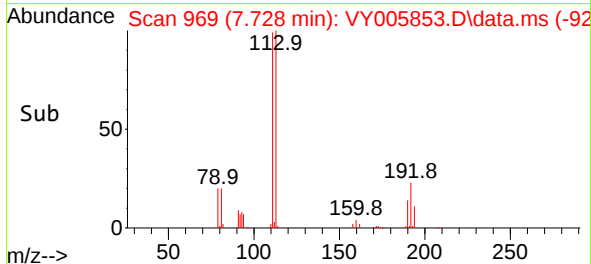
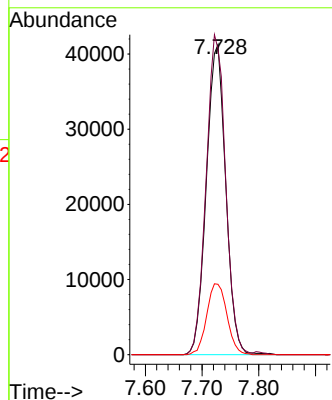
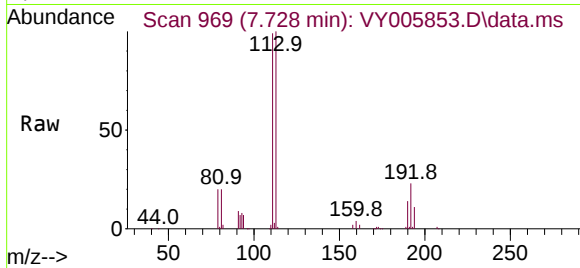




#35
Dibromofluoromethane
Concen: 55.084 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

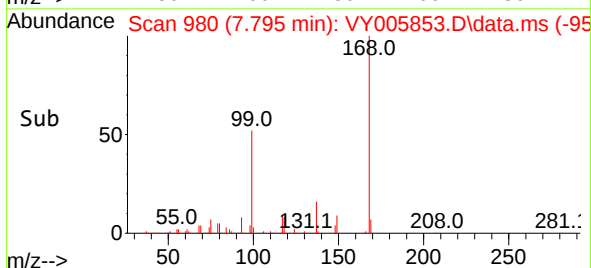
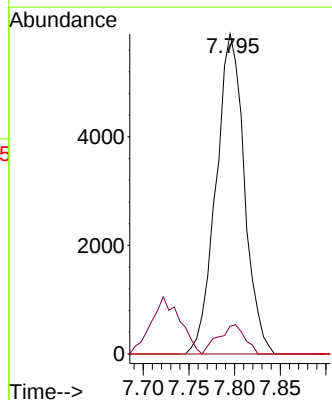
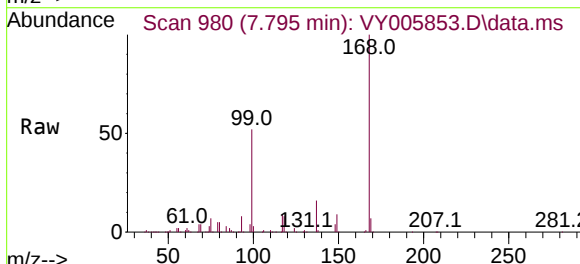
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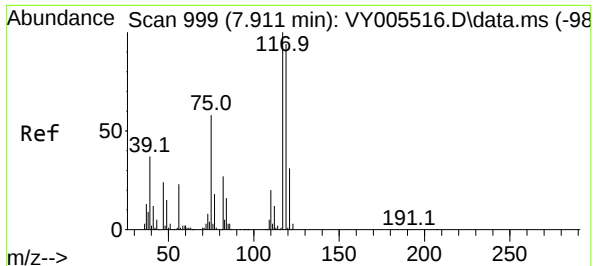
Tgt Ion:	113	Resp:	98054
Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	23.8	19.2	28.8



#36
1,1-Dichloropropene
Concen: 4.260 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion:	75	Resp:	12703
Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.1#
77	0.0	25.1	37.7#

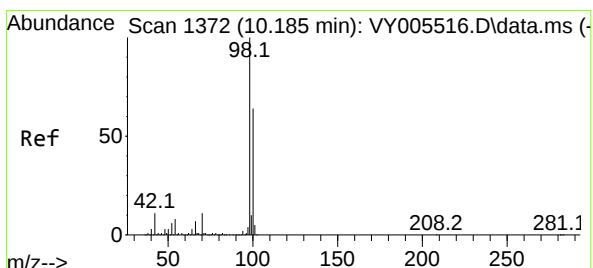
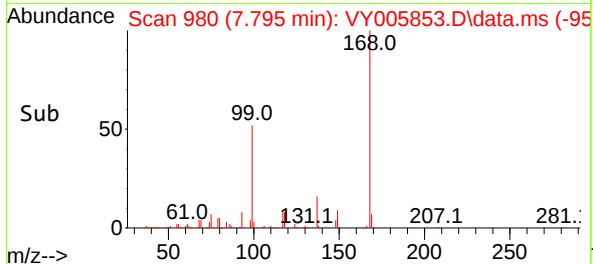
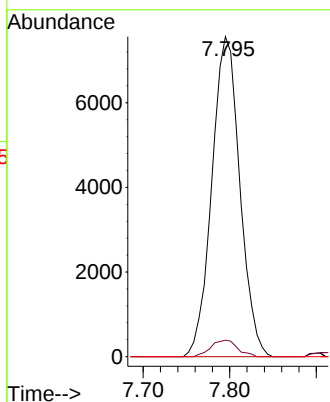
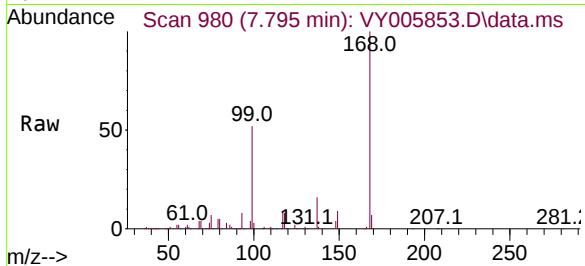




#38
Carbon Tetrachloride
Concen: 5.241 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

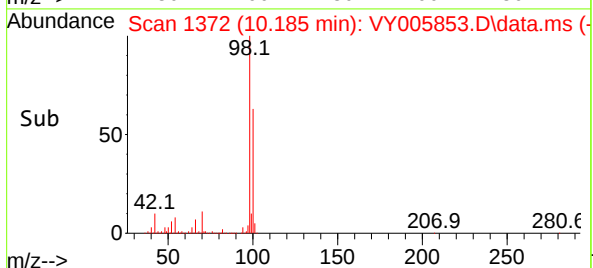
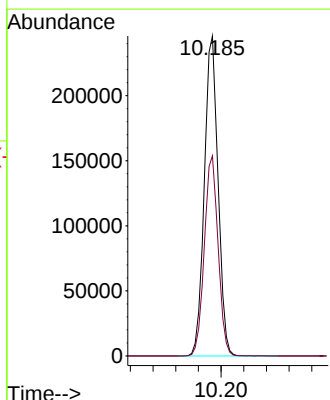
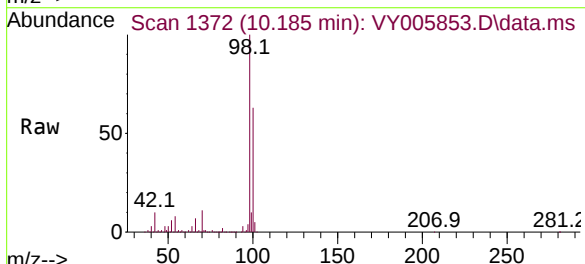
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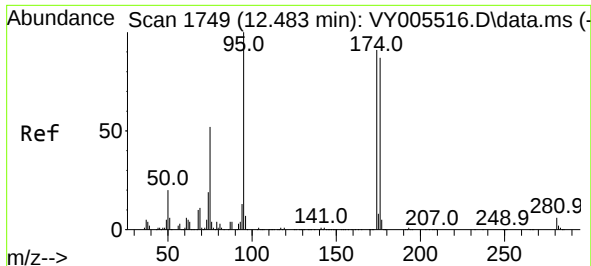
Tgt Ion:117 Resp: 16985
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.0#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 55.205 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion: 98 Resp: 412141
Ion Ratio Lower Upper
98 100
100 63.0 51.3 76.9

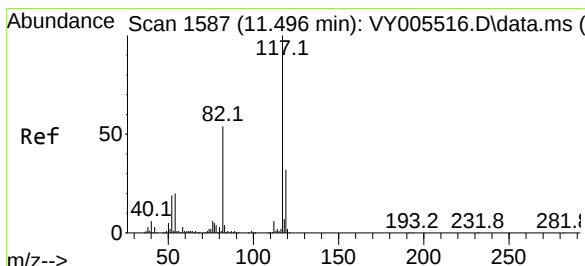
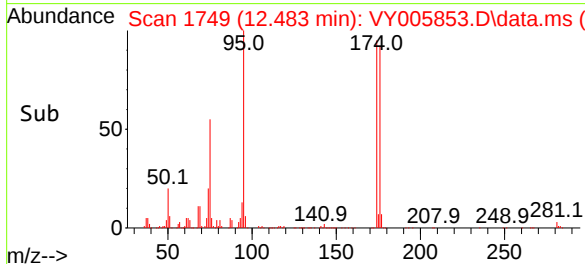
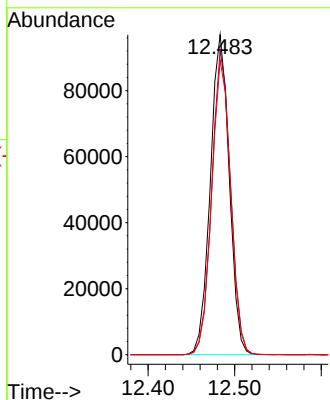
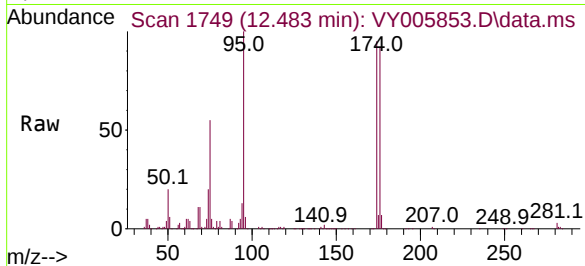




#62
4-Bromofluorobenzene
Concen: 59.408 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

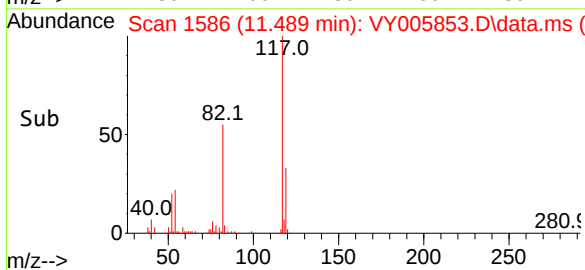
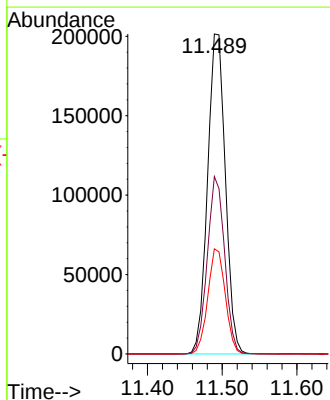
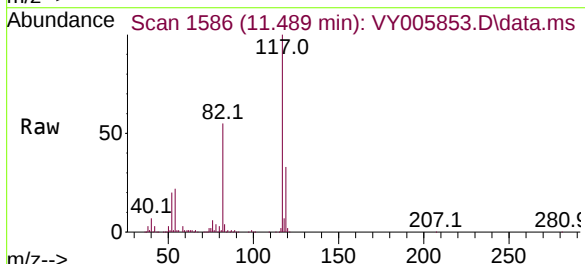
Instrument :
MSVOA_Y
ClientSampleId :
PE-6D

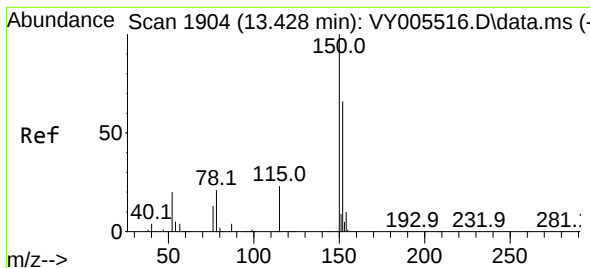
Tgt Ion: 95 Resp: 146870
Ion Ratio Lower Upper
95 100
174 94.6 0.0 191.4
176 92.6 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005853.D
Acq: 26 Aug 2021 12:13

Tgt Ion: 117 Resp: 333181
Ion Ratio Lower Upper
117 100
82 55.4 43.5 65.3
119 32.8 25.5 38.3

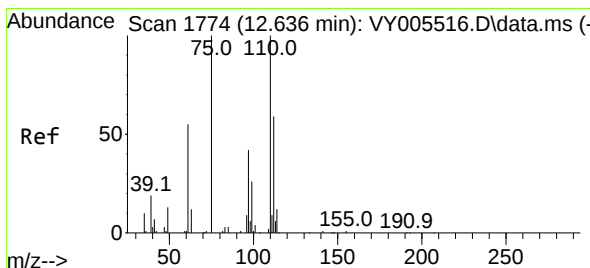
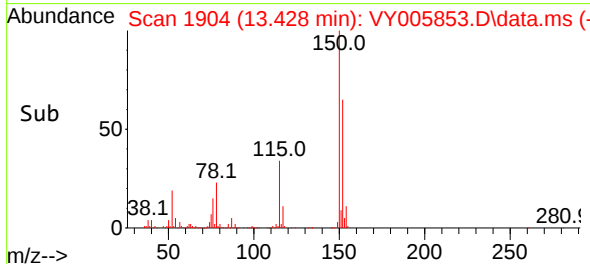
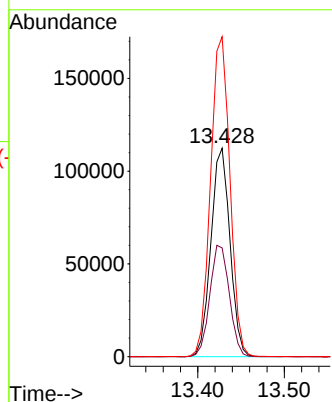
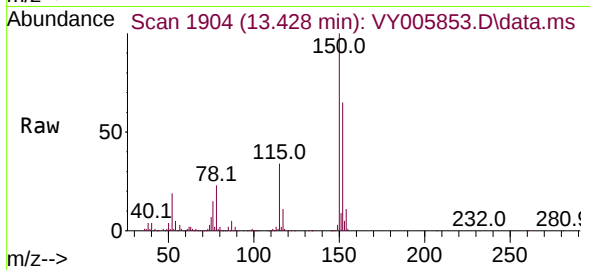




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005853.D
 Acq: 26 Aug 2021 12:13

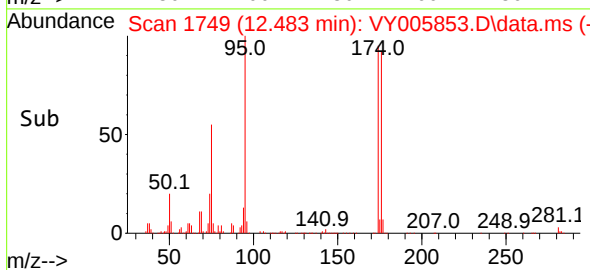
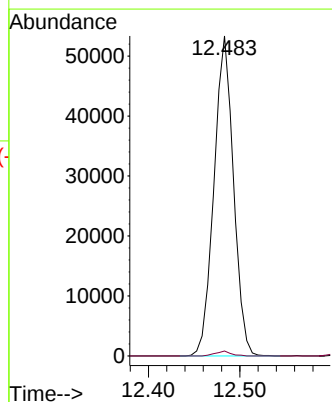
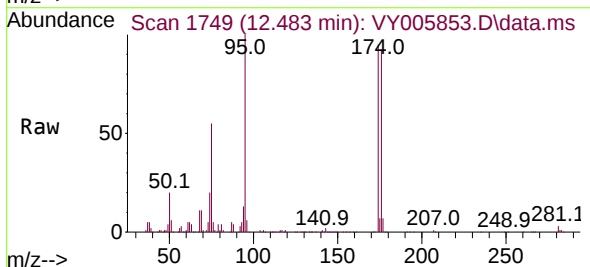
Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6D

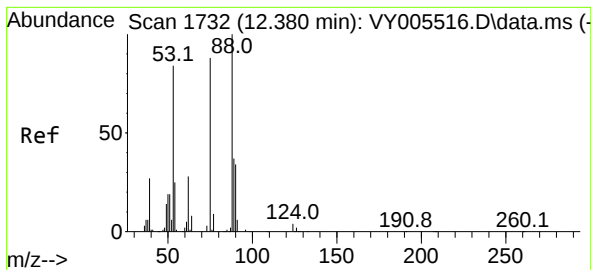
Tgt Ion:152 Resp: 171939
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.3 81.9
 150 155.8 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 44.370 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005853.D
 Acq: 26 Aug 2021 12:13

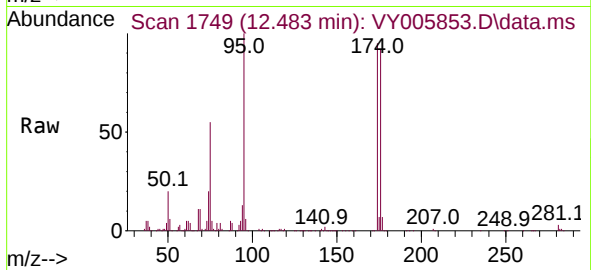
Tgt Ion: 75 Resp: 79057
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.443 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005853.D
 Acq: 26 Aug 2021 12:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-6D



Tgt Ion:	75	Resp:	79057
Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.7	115.1#
89	0.0	38.4	57.6#

