

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005644.D
 Acq On : 13 Aug 2021 19:11
 Operator : SY/MD
 Sample : M3368-03RE
 Misc : 8.83G/5ML/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-0510

Quant Time: Aug 14 03:38:20 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)

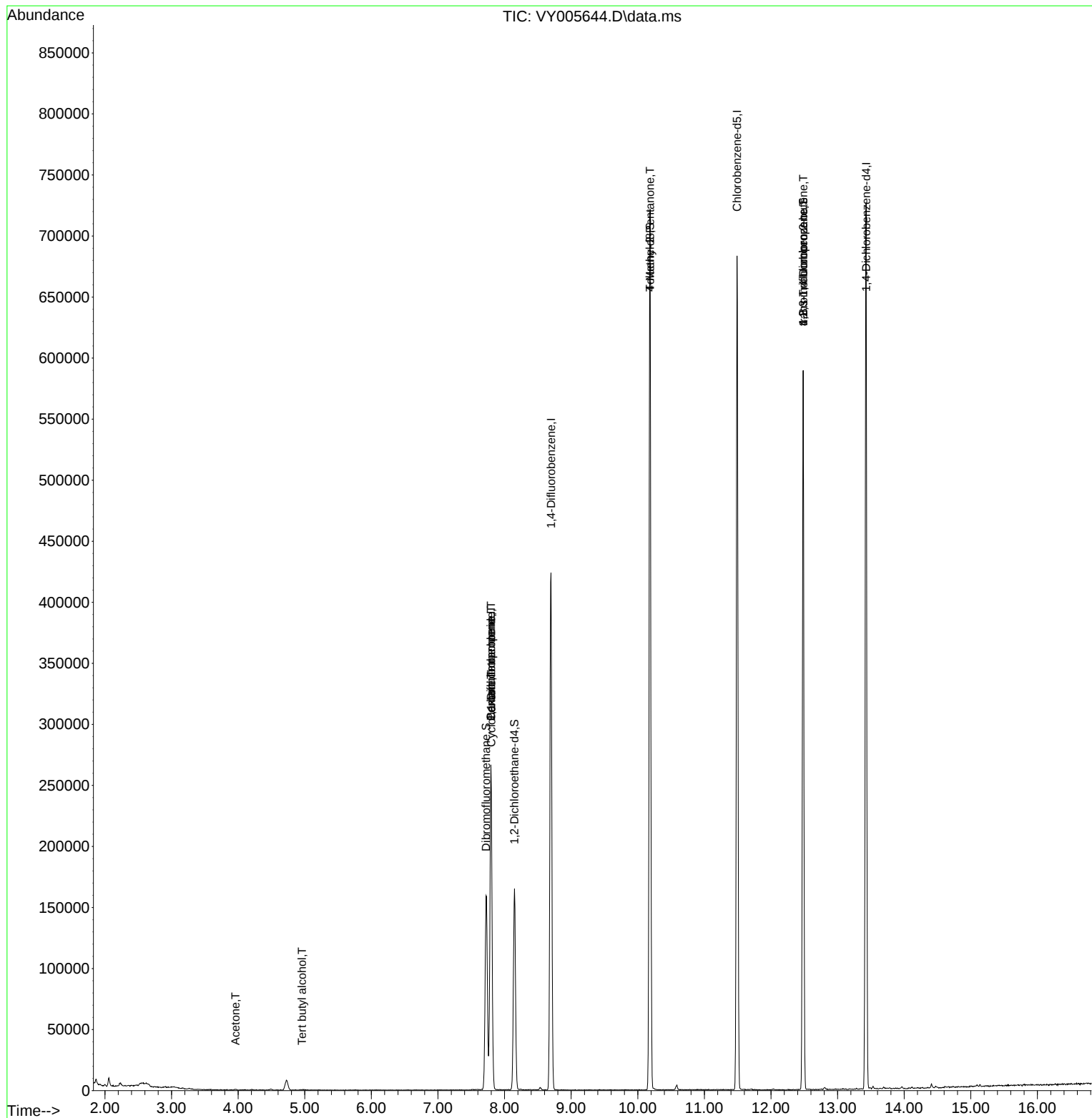
Internal Standards						
1) Pentafluorobenzene	7.795	168	208913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	362493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	364111	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	133013	62.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.800%	
35) Dibromofluoromethane	7.722	113	108840	53.629	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.260%	
50) Toluene-d8	10.185	98	461840	54.260	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.520%	
62) 4-Bromofluorobenzene	12.483	95	162938	57.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 115.620%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	652	3.119	ug/l #	73
16) Acetone	3.960	43	766	1.437	ug/l	91
20) Methylene Chloride	4.729	84	5833	Below Cal	#	90
31) Cyclohexane	7.801	56	4163	1.148	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	15345	4.513	ug/l #	48
38) Carbon Tetrachloride	7.795	117	19417	5.255	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	2153	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	90279	46.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	90279	93.655	ug/l #	11

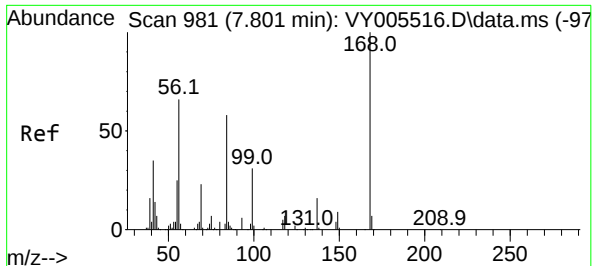
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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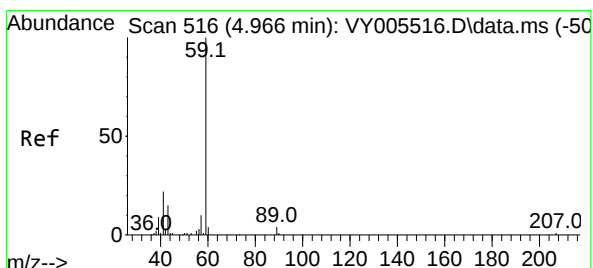
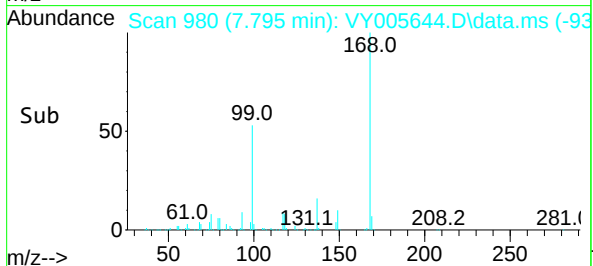
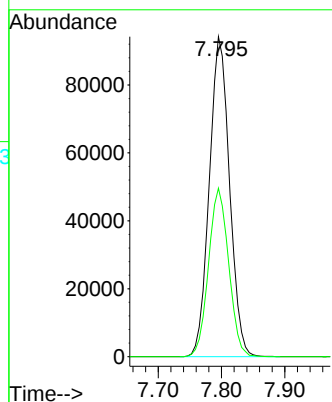
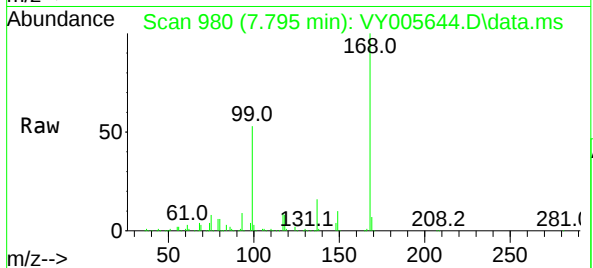




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

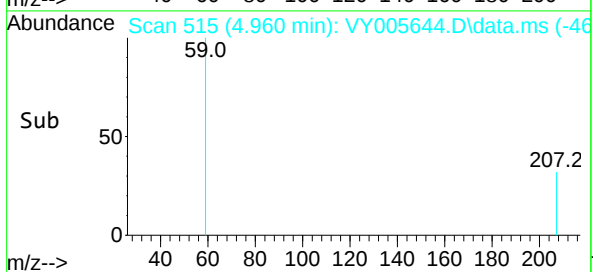
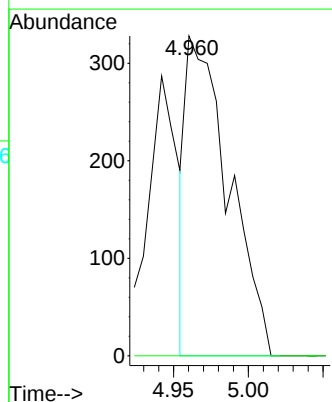
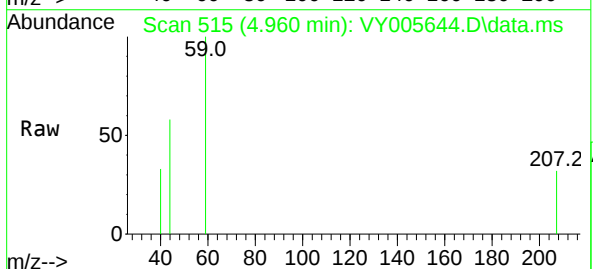
Instrument :
MSVOA_Y
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SWCS-01-0510

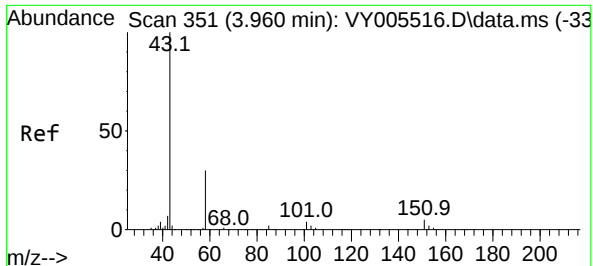
Tgt Ion:168 Resp: 208913
Ion Ratio Lower Upper
168 100
99 52.7 38.9 58.3



#11
Tert butyl alcohol
Concen: 3.119 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

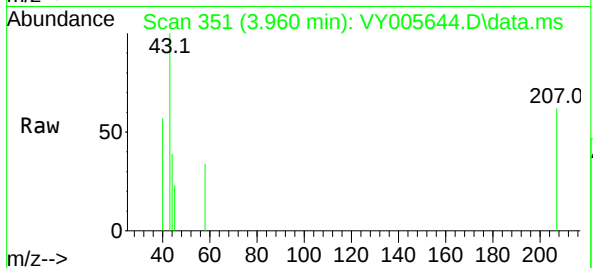
Tgt Ion: 59 Resp: 652
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



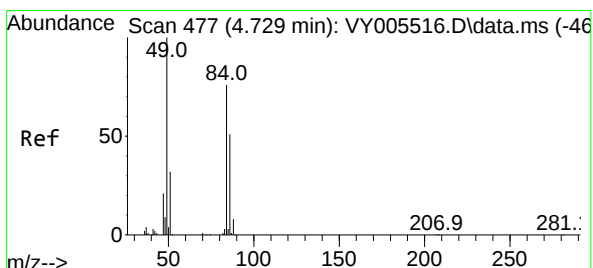
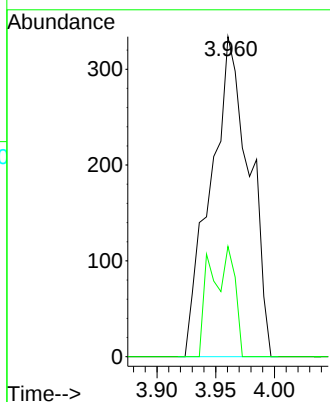
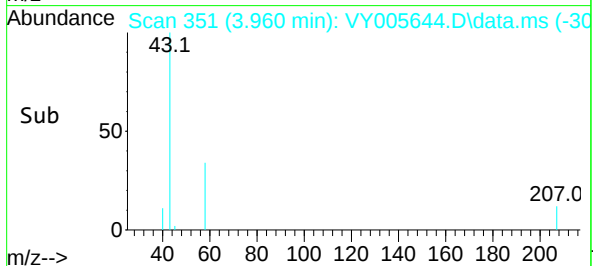


#16
Acetone
Concen: 1.437 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

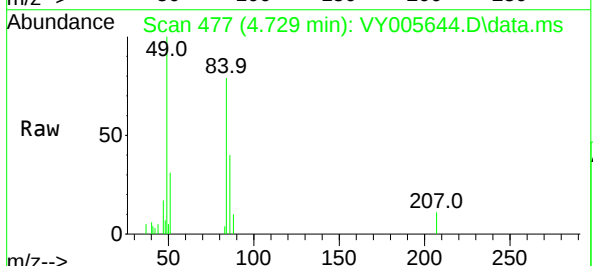
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-0510



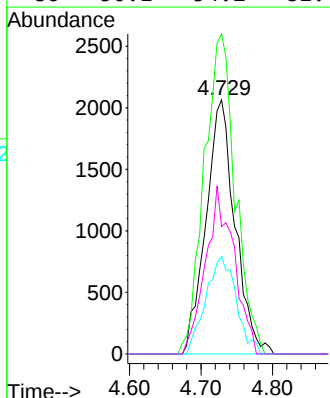
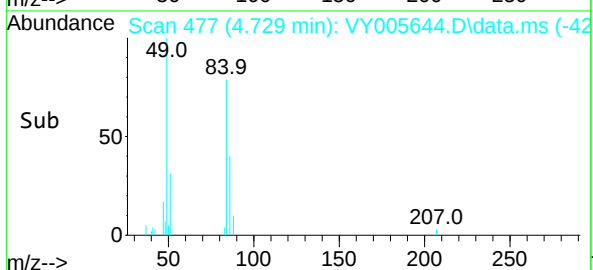
Tgt Ion: 43 Resp: 766
Ion Ratio Lower Upper
43 100
58 34.4 23.8 35.6

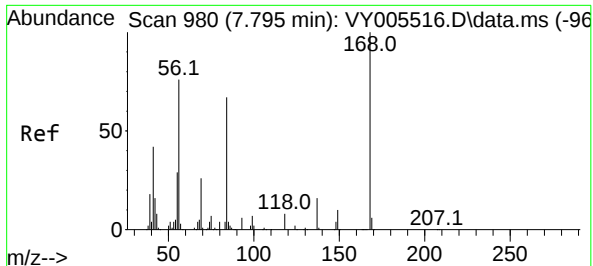


#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11



Tgt Ion: 84 Resp: 5833
Ion Ratio Lower Upper
84 100
49 126.0 105.8 158.6
51 38.4 33.4 50.2
86 50.1 54.2 81.4#

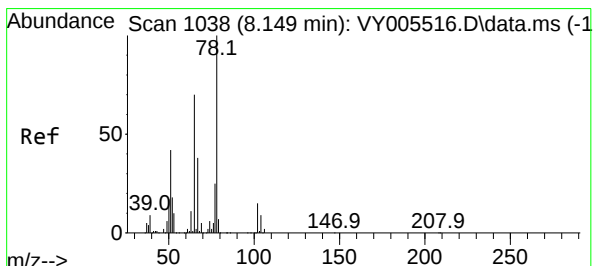
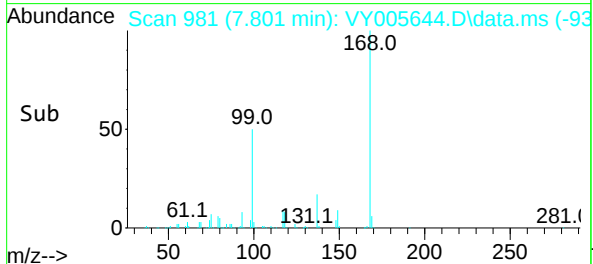
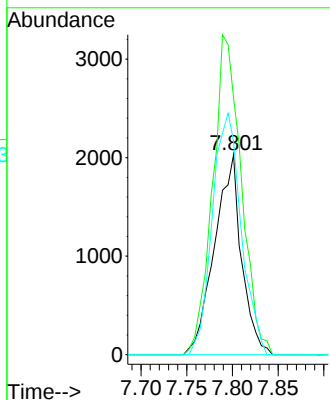
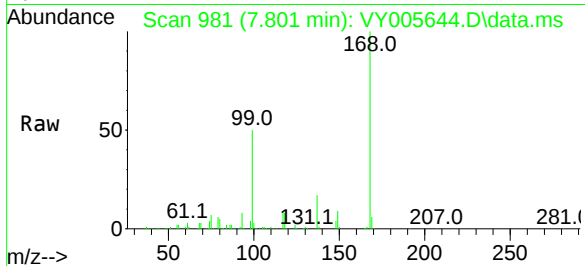




#31
Cyclohexane
Concen: 1.148 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

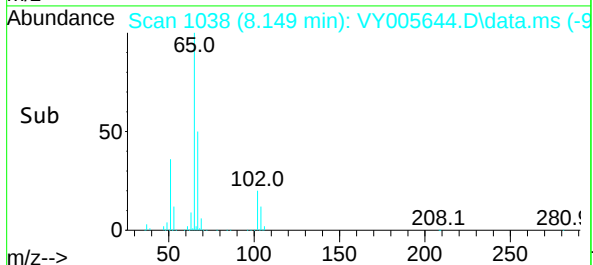
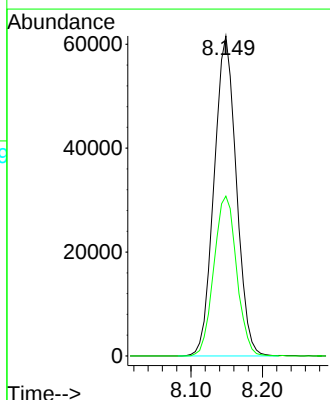
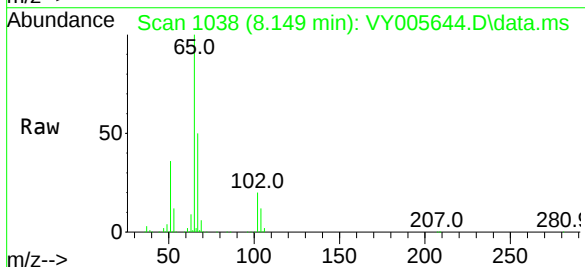
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-0510

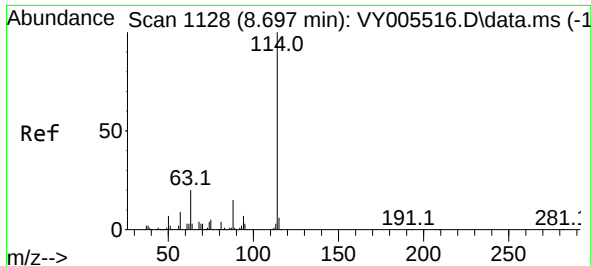
Tgt Ion: 56 Resp: 4163
Ion Ratio Lower Upper
56 100
69 128.4 27.7 41.5#
84 106.8 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 62.899 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

Tgt Ion: 65 Resp: 133013
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.4

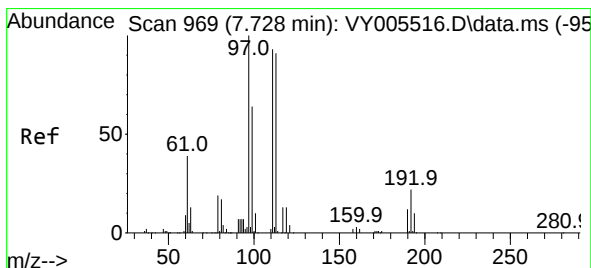
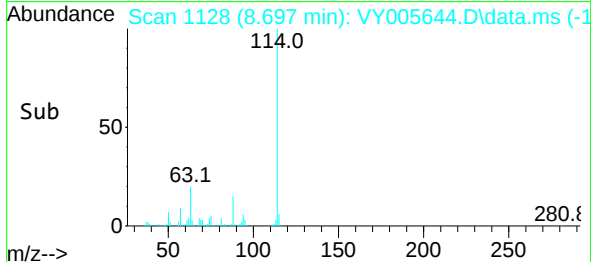
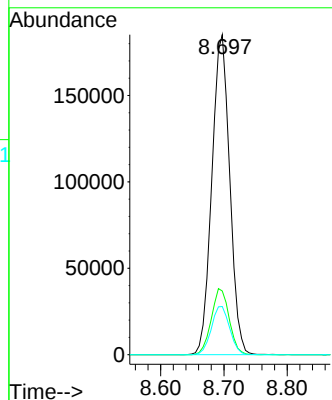
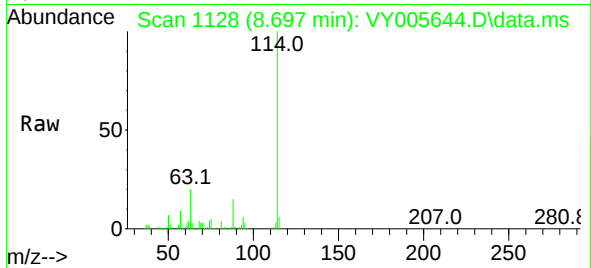




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

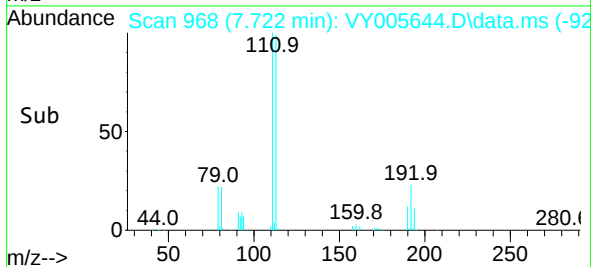
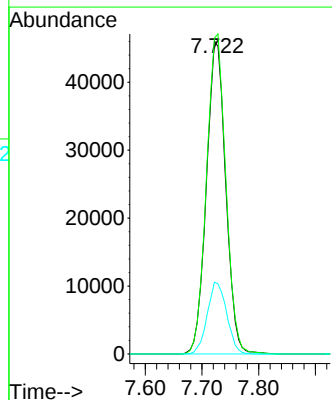
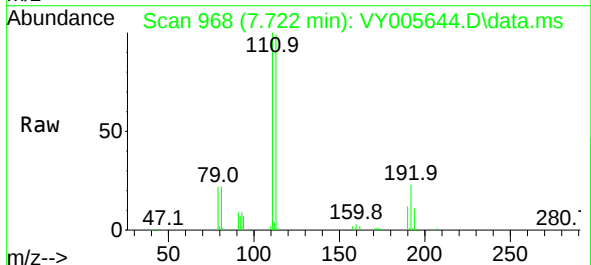
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-0510

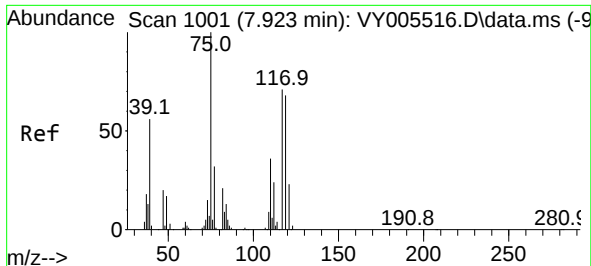
Tgt Ion:	114	Resp:	362493
Ion Ratio	Lower	Upper	
114	100		
63	19.9	0.0	39.2
88	15.0	0.0	30.8



#35
Dibromofluoromethane
Concen: 53.629 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

Tgt Ion:	113	Resp:	108840
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.9	122.9
192	23.1	19.2	28.8





#36

1,1-Dichloropropene

Concen: 4.513 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005644.D

Acq: 13 Aug 2021 19:11

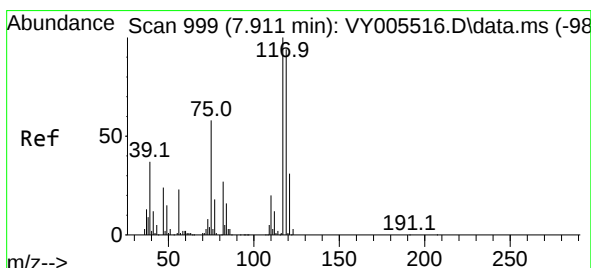
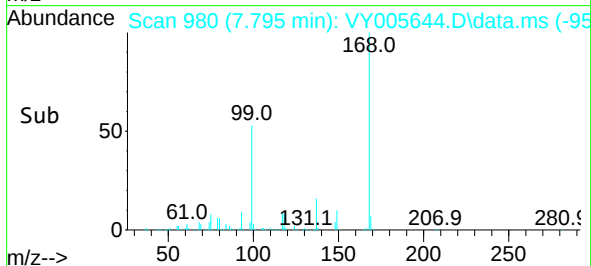
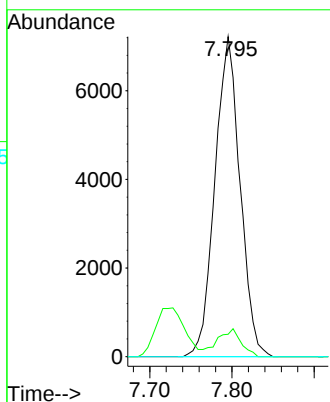
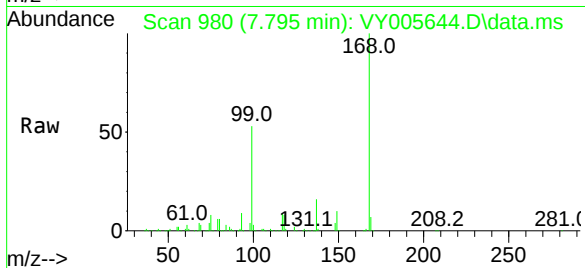
Instrument :

MSVOA_Y

ClientSampleId :

SWCS-01-0510

Tgt Ion:	75	Resp:	15345
Ion Ratio	Lower	Upper	
75	100		
110	8.2	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.255 ug/l

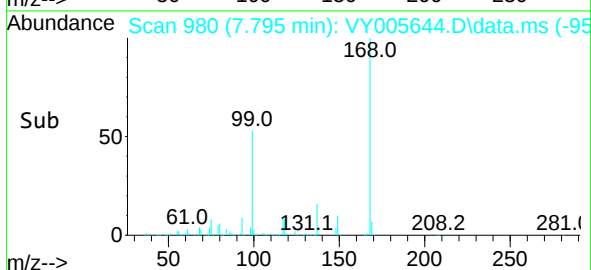
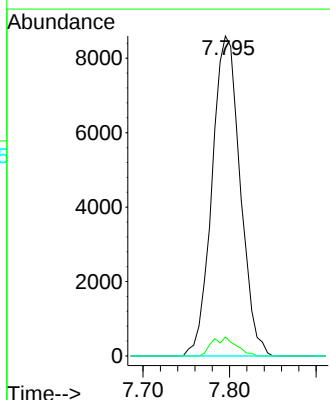
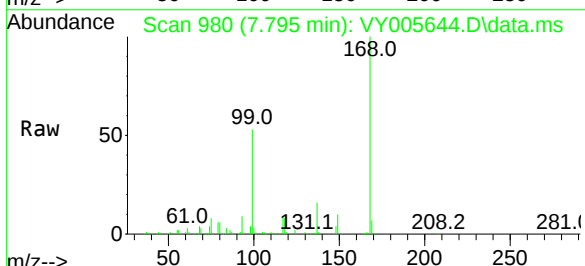
RT: 7.795 min Scan# 980

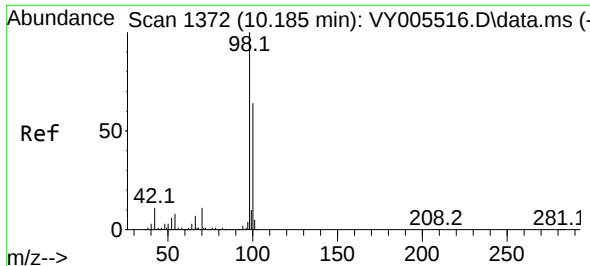
Delta R.T. -0.116 min

Lab File: VY005644.D

Acq: 13 Aug 2021 19:11

Tgt Ion:	117	Resp:	19417
Ion Ratio	Lower	Upper	
117	100		
119	6.0	75.4	113.0#
121	0.0	25.1	37.7#

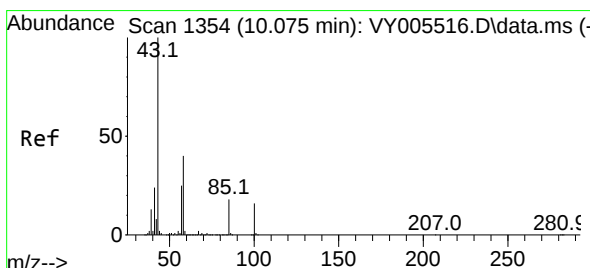
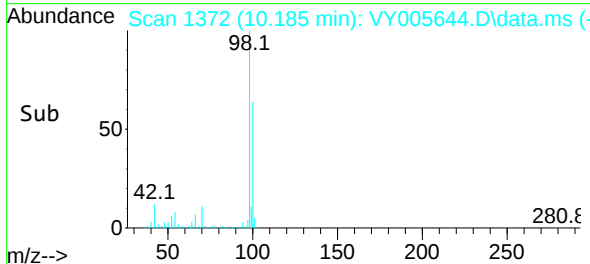
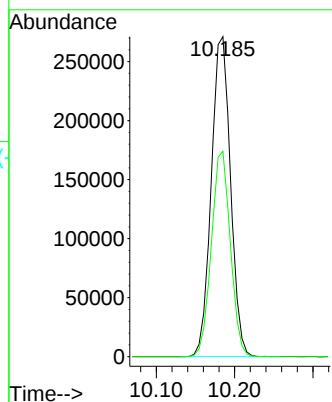
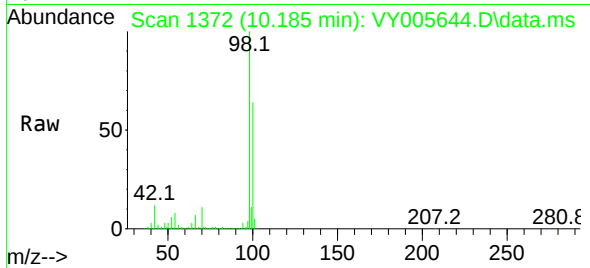




#50
Toluene-d8
Concen: 54.260 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

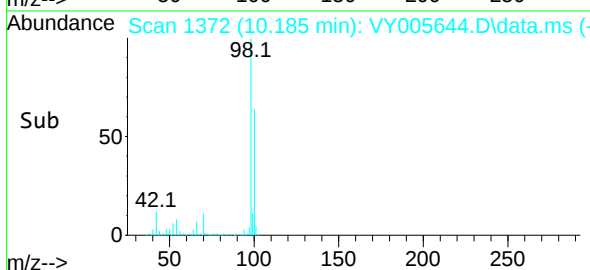
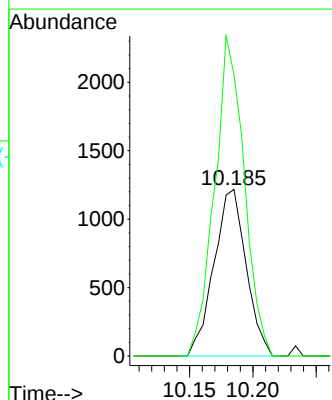
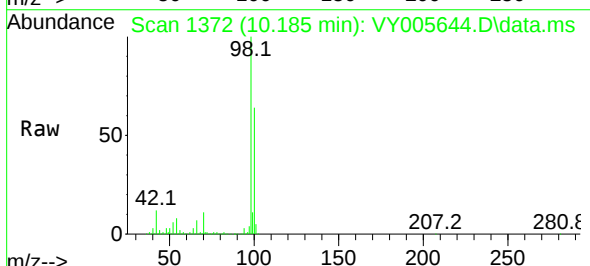
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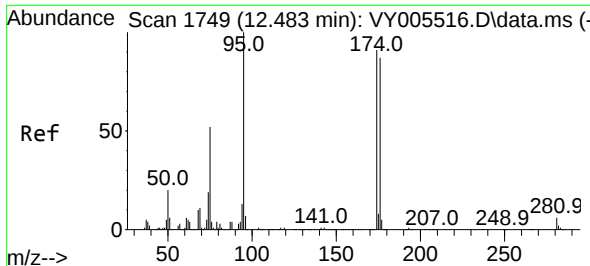
Tgt Ion: 98 Resp: 461840
Ion Ratio Lower Upper
98 100
100 63.4 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.048 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

Tgt Ion: 43 Resp: 2153
Ion Ratio Lower Upper
43 100
58 176.6 31.4 47.2#

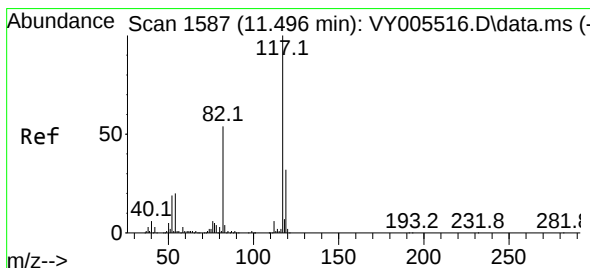
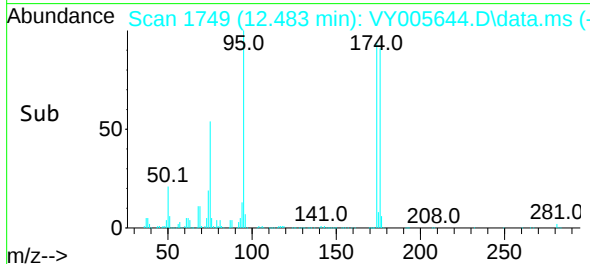
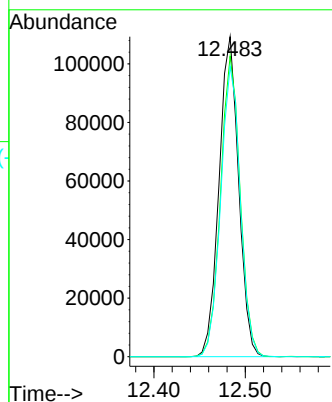
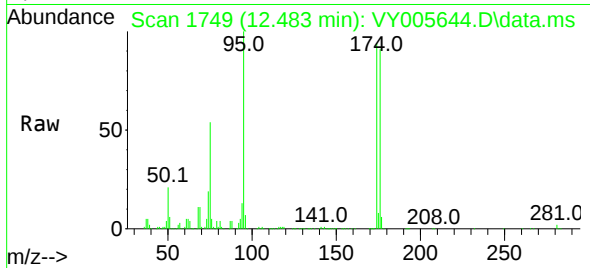




#62
4-Bromofluorobenzene
Concen: 57.808 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

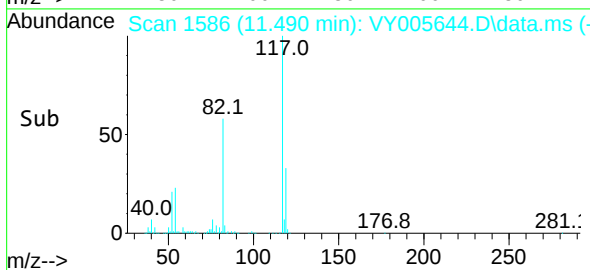
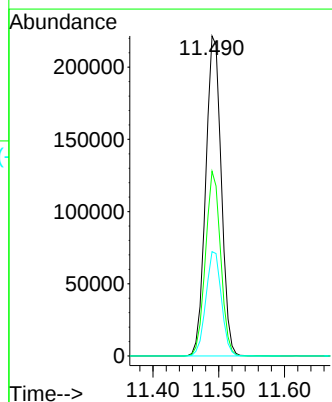
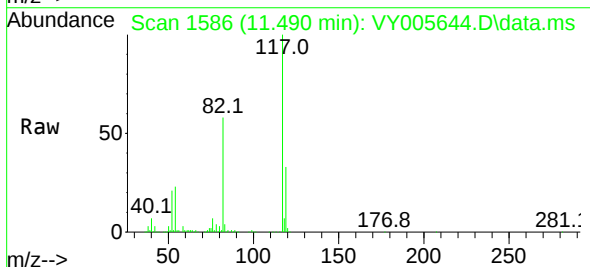
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-0510

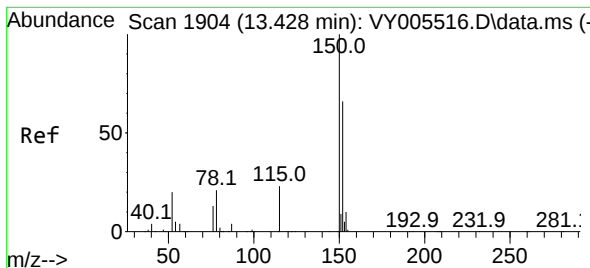
Tgt Ion: 95 Resp: 162938
Ion Ratio Lower Upper
95 100
174 94.1 0.0 191.4
176 91.1 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY005644.D
Acq: 13 Aug 2021 19:11

Tgt Ion: 117 Resp: 364111
Ion Ratio Lower Upper
117 100
82 57.7 43.5 65.3
119 32.6 25.5 38.3

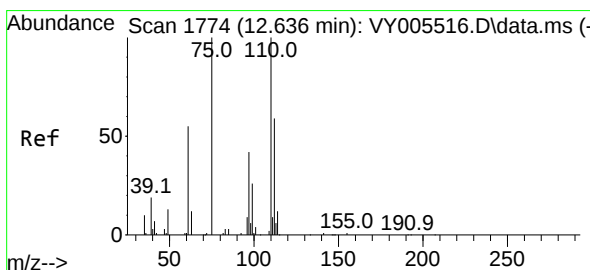
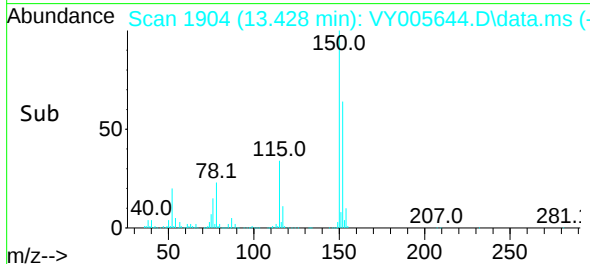
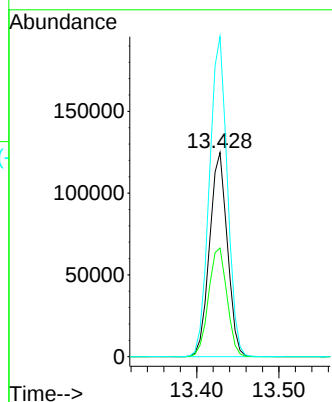
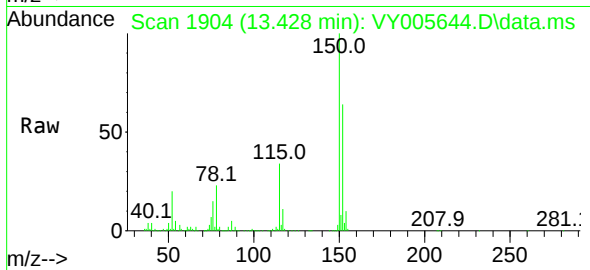




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY005644.D
 Acq: 13 Aug 2021 19:11

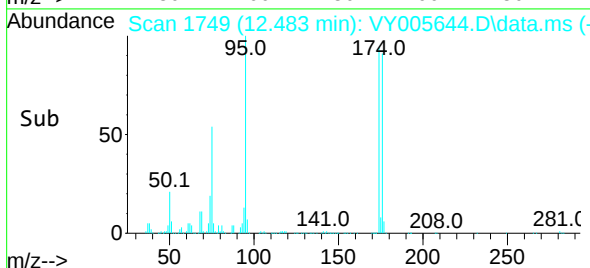
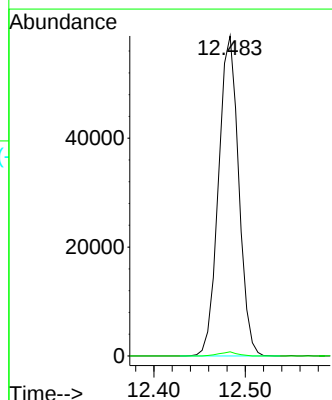
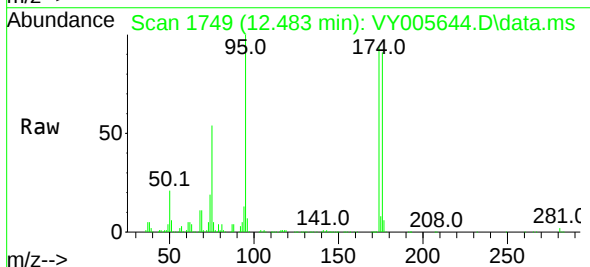
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-0510

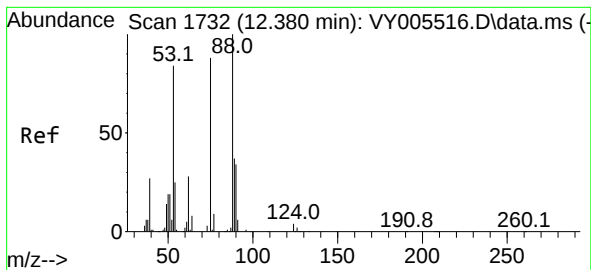
Tgt Ion:152 Resp: 187516
 Ion Ratio Lower Upper
 152 100
 115 55.0 27.3 81.9
 150 157.6 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 46.459 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005644.D
 Acq: 13 Aug 2021 19:11

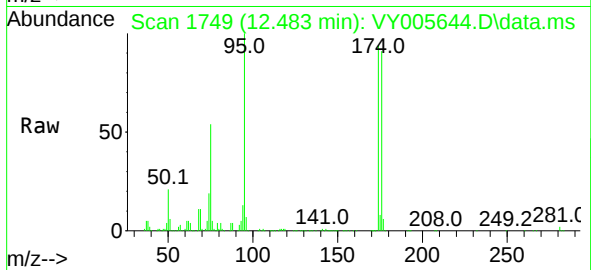
Tgt Ion: 75 Resp: 90279
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.655 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005644.D
 Acq: 13 Aug 2021 19:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-0510



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

