

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081321\
 Data File : VY005645.D
 Acq On : 13 Aug 2021 19:34
 Operator : SY/MD
 Sample : M3368-04RE
 Misc : 5.67G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-1015

Quant Time: Aug 14 03:38:37 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)

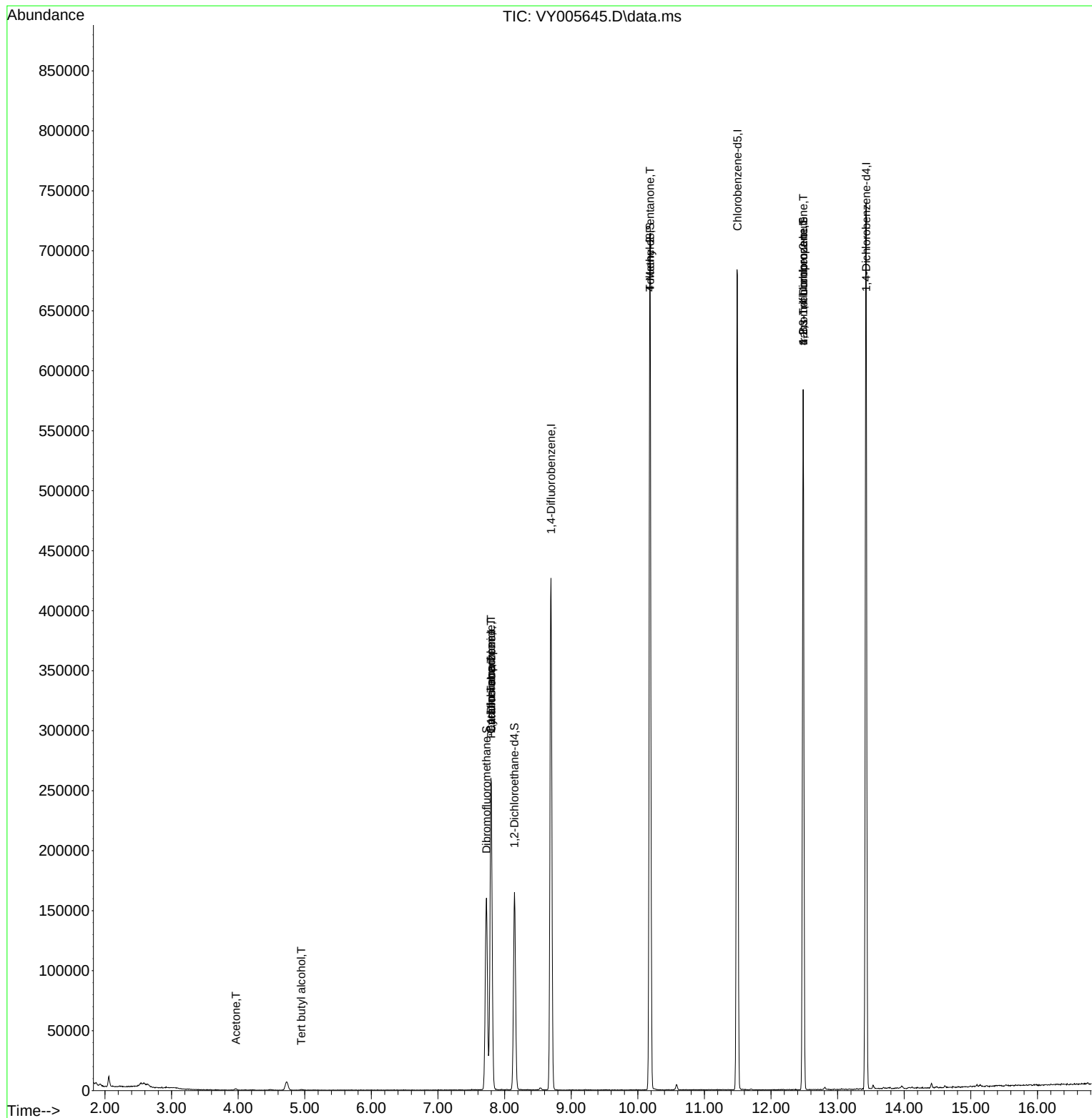
Internal Standards						
1) Pentafluorobenzene	7.801	168	210641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	358971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	366973	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	188282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130627	61.264	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.520%	
35) Dibromofluoromethane	7.728	113	108646	54.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.120%	
50) Toluene-d8	10.185	98	461043	54.698	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.400%	
62) 4-Bromofluorobenzene	12.483	95	164288	58.858	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	441	2.092	ug/l #	73
16) Acetone	3.966	43	1934	3.598	ug/l #	87
20) Methylene Chloride	4.722	84	5390	Below Cal	#	80
31) Cyclohexane	7.795	56	4323	1.182	ug/l #	24
36) 1,1-Dichloropropene	7.795	75	14912	4.429	ug/l #	49
38) Carbon Tetrachloride	7.795	117	19358	5.290	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	2247	1.105	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	92018	47.161	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	92018	95.071	ug/l #	11

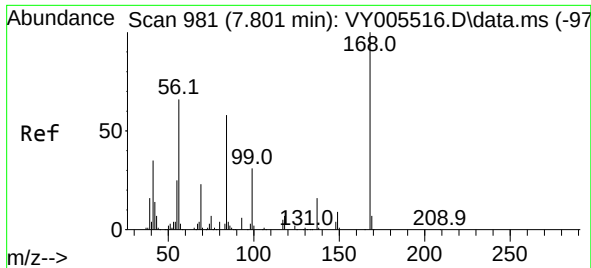
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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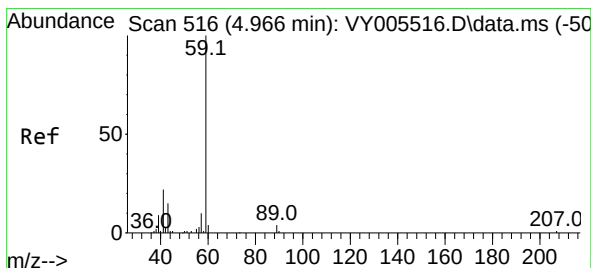
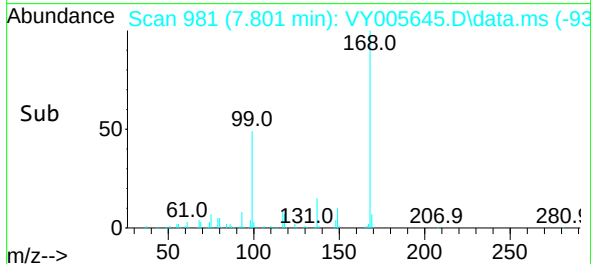
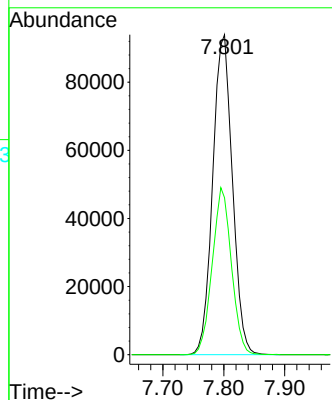
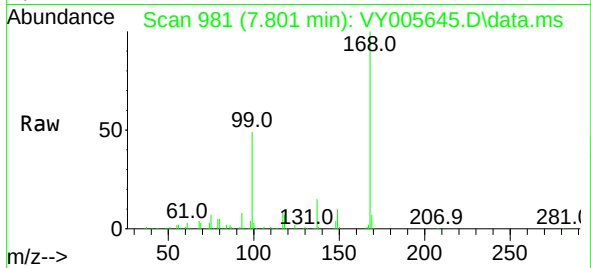




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

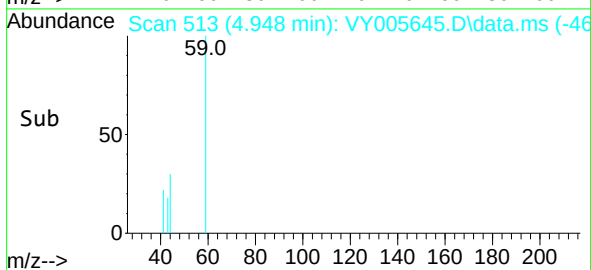
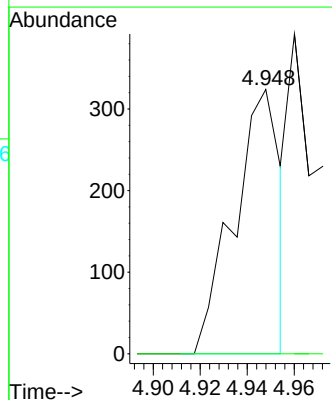
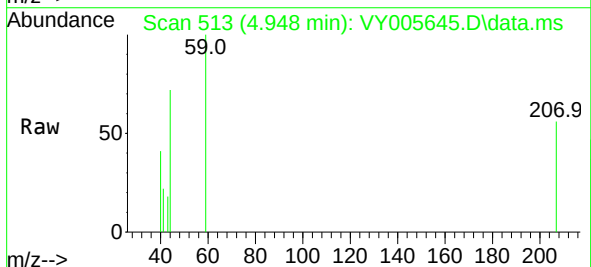
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

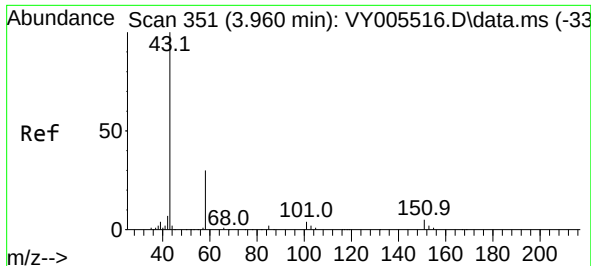
Tgt Ion:168 Resp: 210641
Ion Ratio Lower Upper
168 100
99 49.0 38.9 58.3



#11
Tert butyl alcohol
Concen: 2.092 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.018 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

Tgt Ion: 59 Resp: 441
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

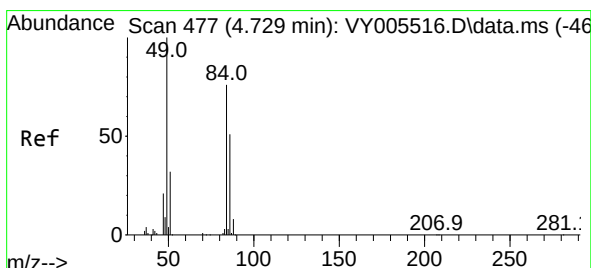
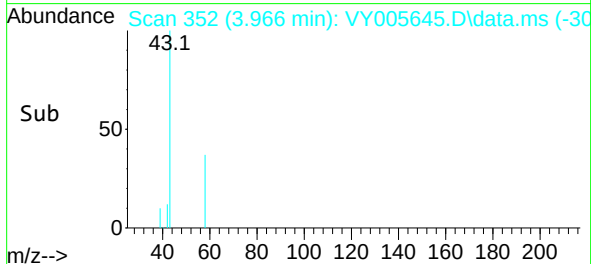
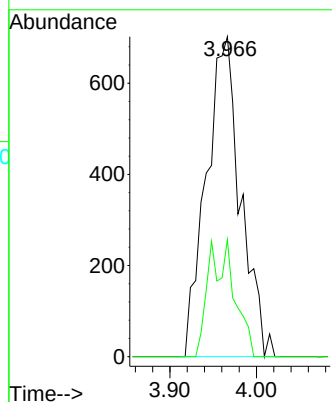
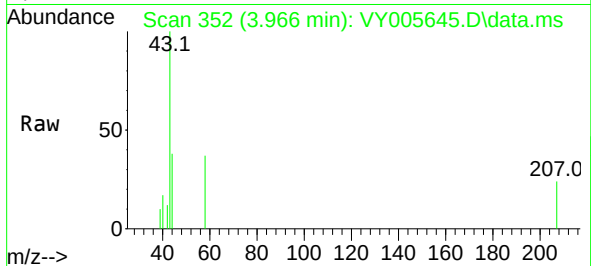




#16
Acetone
Concen: 3.598 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

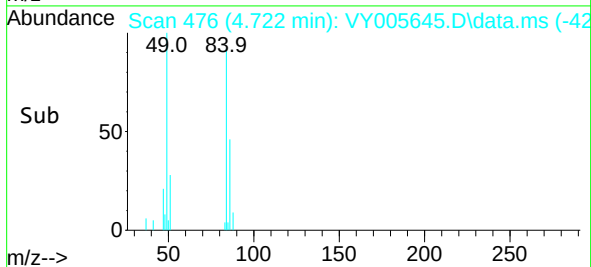
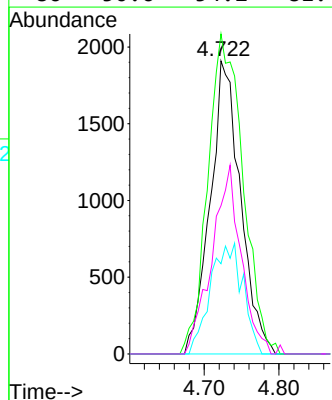
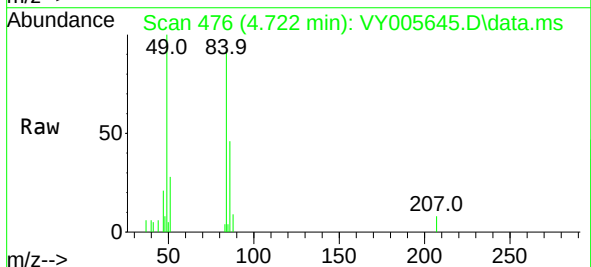
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

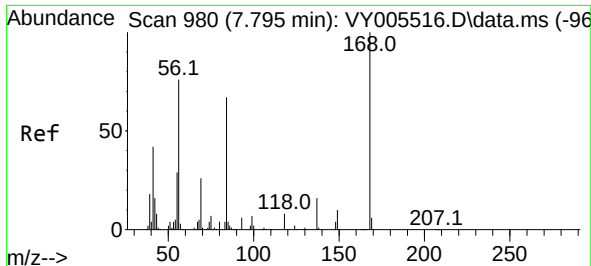
Tgt Ion: 43 Resp: 1934
Ion Ratio Lower Upper
43 100
58 36.6 23.8 35.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

Tgt Ion: 84 Resp: 5390
Ion Ratio Lower Upper
84 100
49 109.2 105.8 158.6
51 30.8 33.4 50.2#
86 50.6 54.2 81.4#

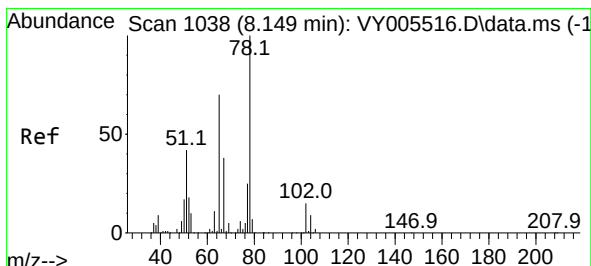
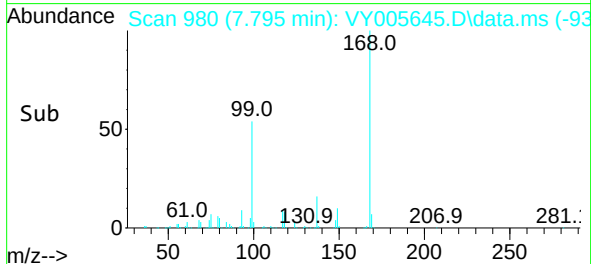
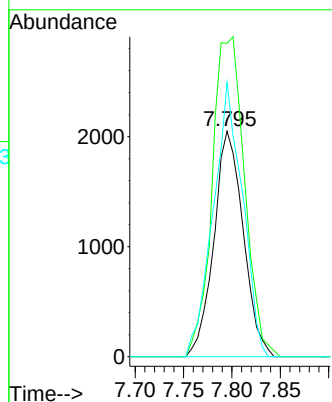
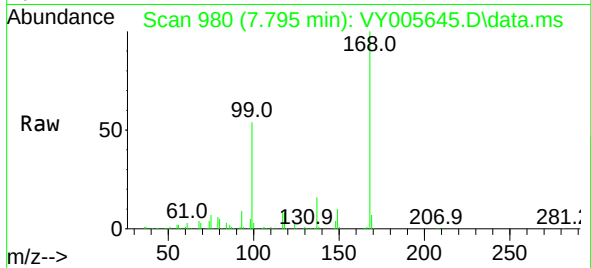




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

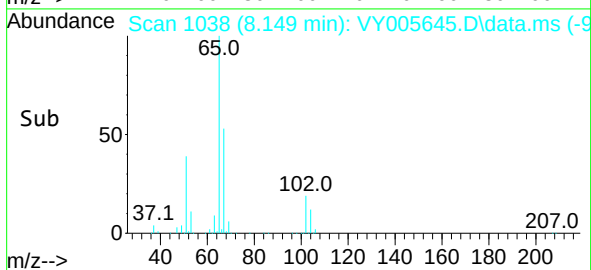
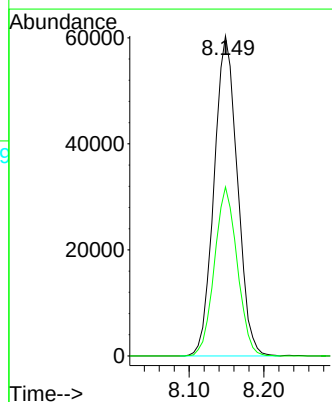
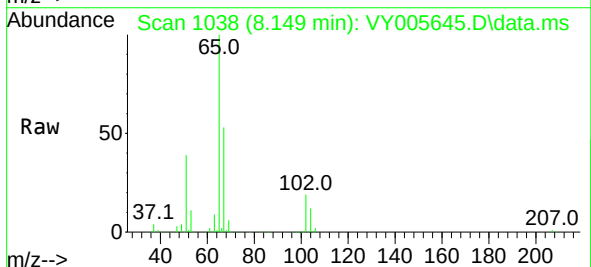
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

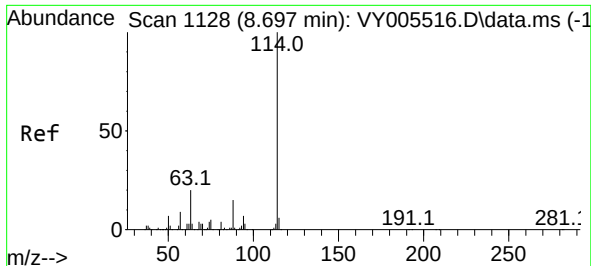
Tgt Ion: 56 Resp: 4323
Ion Ratio Lower Upper
56 100
69 139.0 27.7 41.5#
84 121.5 70.9 106.3#



#33
1,2-Dichloroethane-d4
Concen: 61.264 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

Tgt Ion: 65 Resp: 130627
Ion Ratio Lower Upper
65 100
67 51.6 0.0 103.4

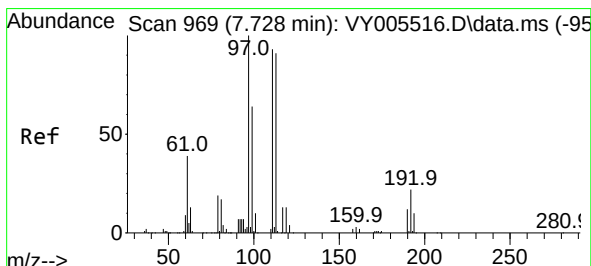
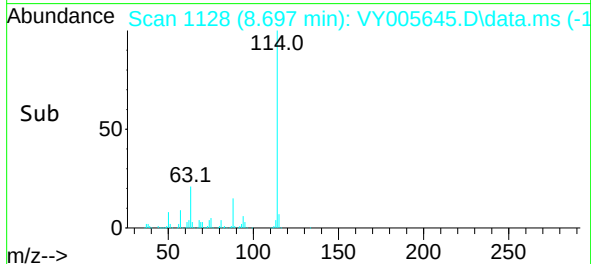
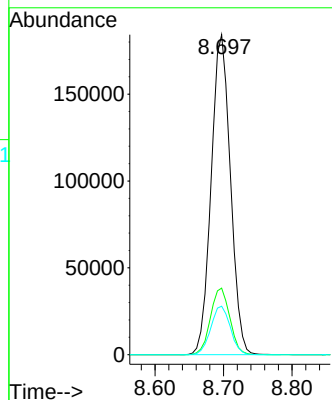
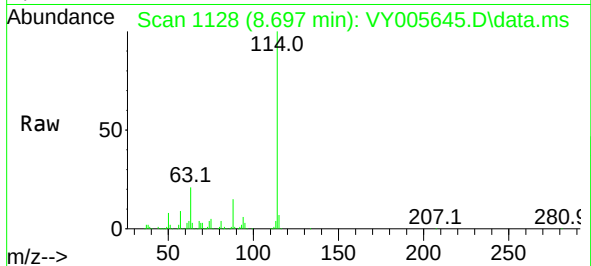




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

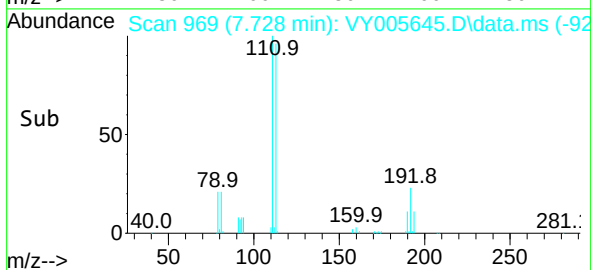
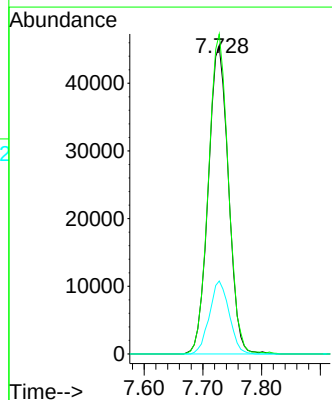
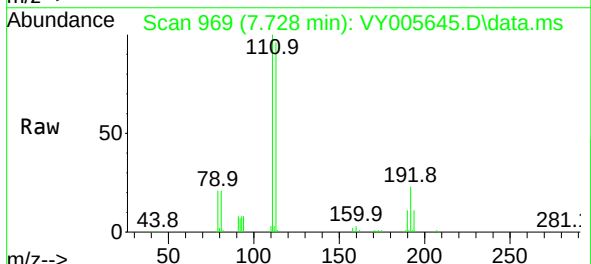
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

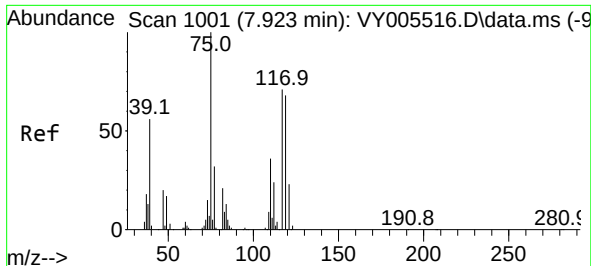
Tgt Ion:114 Resp: 358971
Ion Ratio Lower Upper
114 100
63 20.8 0.0 39.2
88 15.2 0.0 30.8



#35
Dibromofluoromethane
Concen: 54.058 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

Tgt Ion:113 Resp: 108646
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 23.1 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.429 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005645.D

Acq: 13 Aug 2021 19:34

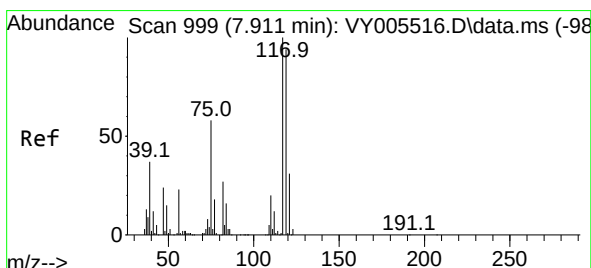
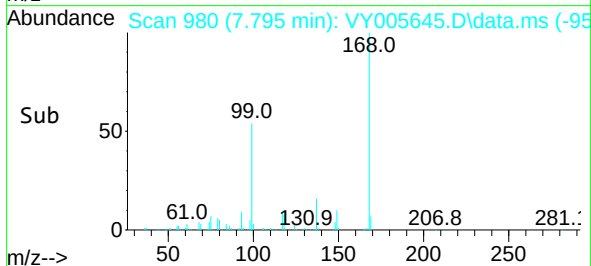
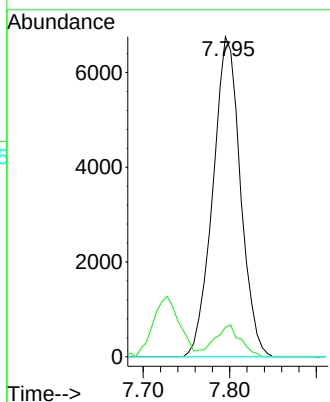
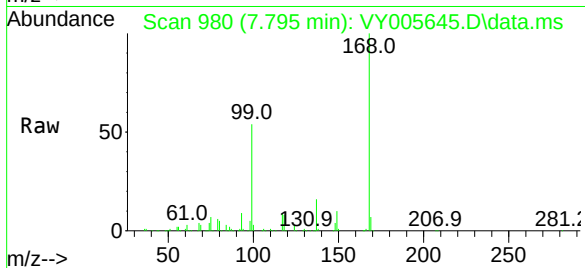
Instrument :

MSVOA_Y

ClientSampleId :

SWCS-01-1015

Tgt Ion:	75	Resp:	14912
Ion	Ratio	Lower	Upper
75	100		
110	9.2	18.1	54.1#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 5.290 ug/l

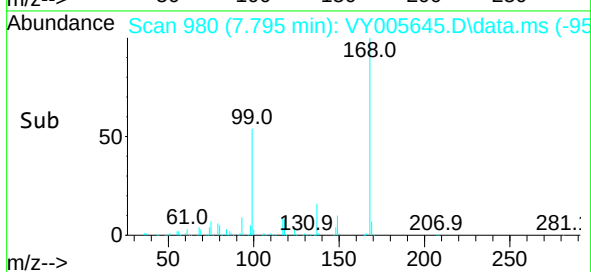
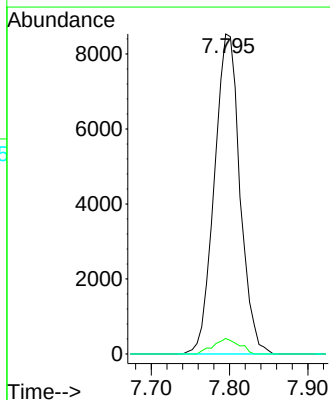
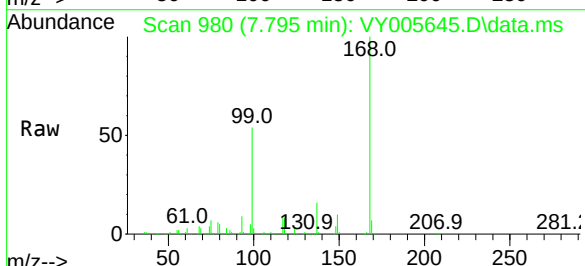
RT: 7.795 min Scan# 980

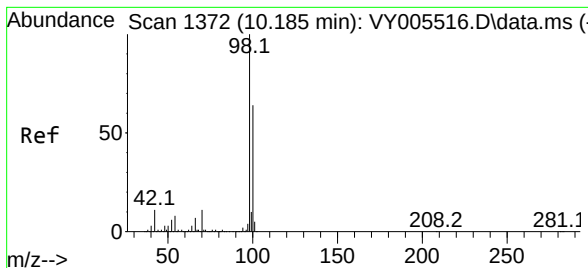
Delta R.T. -0.116 min

Lab File: VY005645.D

Acq: 13 Aug 2021 19:34

Tgt Ion:	117	Resp:	19358
Ion	Ratio	Lower	Upper
117	100		
119	4.9	75.4	113.0#
121	0.0	25.1	37.7#

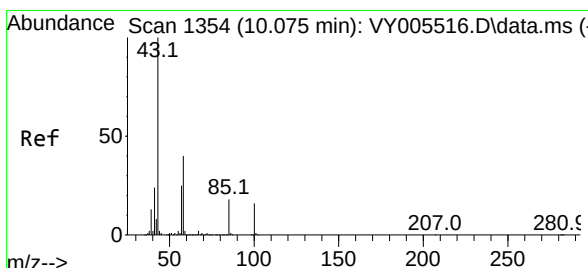
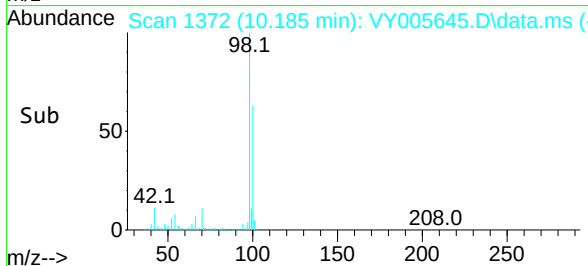
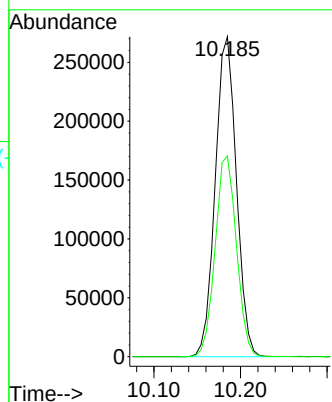
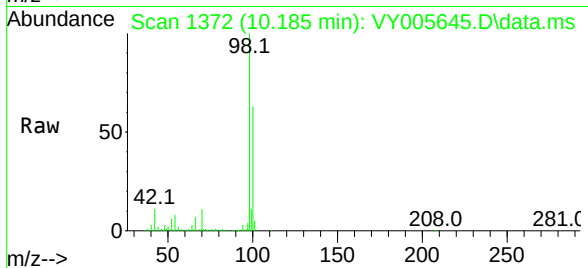




#50
Toluene-d8
Concen: 54.698 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

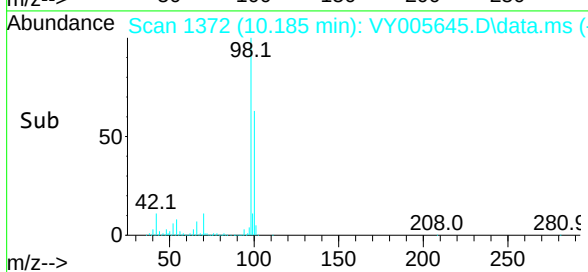
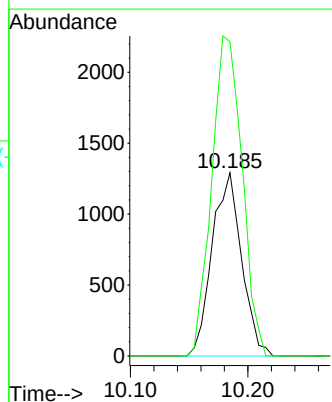
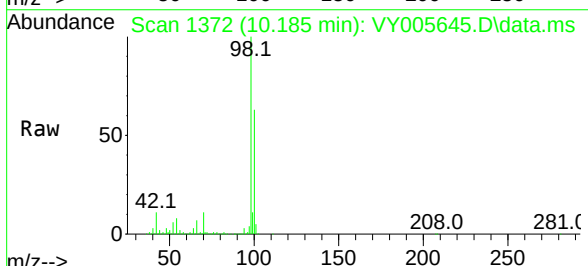
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SWCS-01-1015

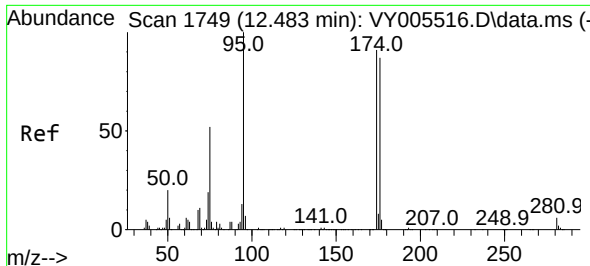
Tgt Ion: 98 Resp: 461043
Ion Ratio Lower Upper
98 100
100 63.3 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.105 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.110 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

Tgt Ion: 43 Resp: 2247
Ion Ratio Lower Upper
43 100
58 180.7 31.4 47.2#

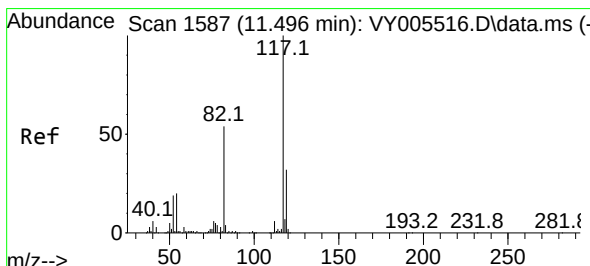
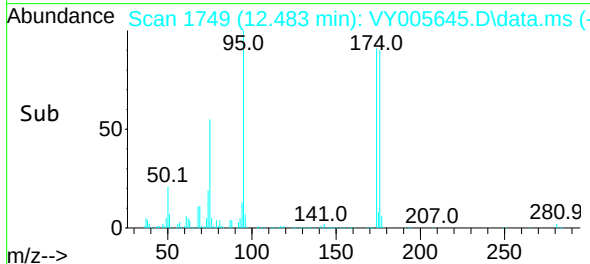
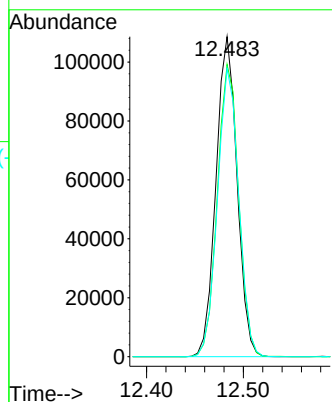
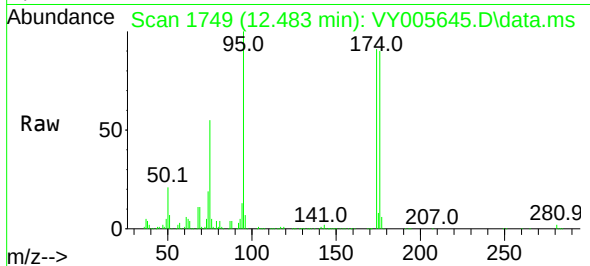




#62
4-Bromofluorobenzene
Concen: 58.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

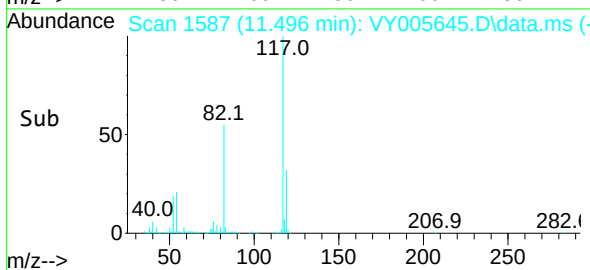
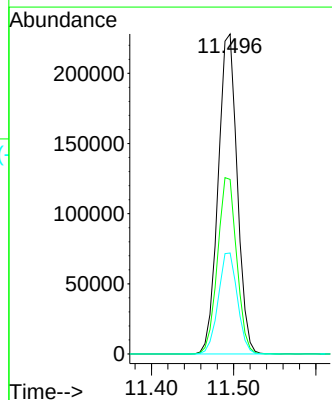
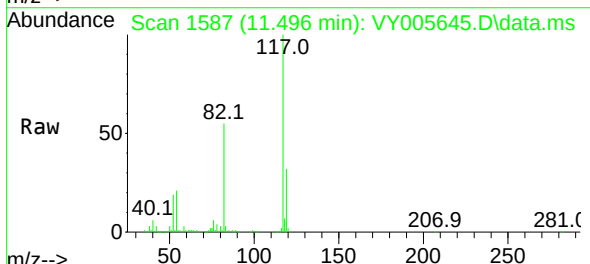
Instrument :
MSVOA_Y
ClientSampleId :
SWCS-01-1015

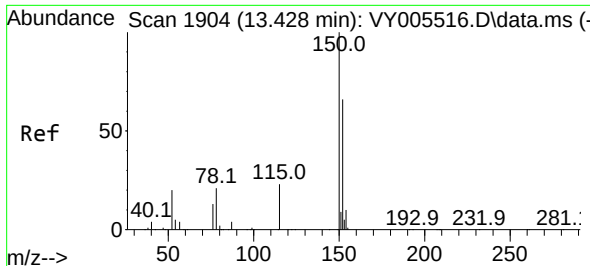
Tgt Ion: 95 Resp: 164288
Ion Ratio Lower Upper
95 100
174 92.4 0.0 191.4
176 90.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005645.D
Acq: 13 Aug 2021 19:34

Tgt Ion: 117 Resp: 366973
Ion Ratio Lower Upper
117 100
82 54.6 43.5 65.3
119 31.5 25.5 38.3

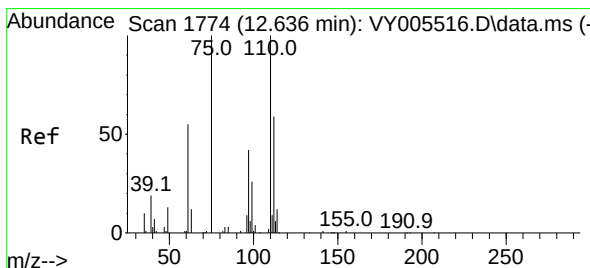
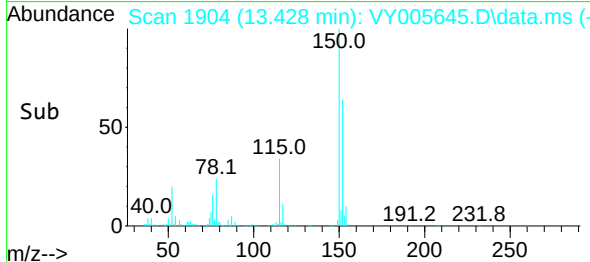
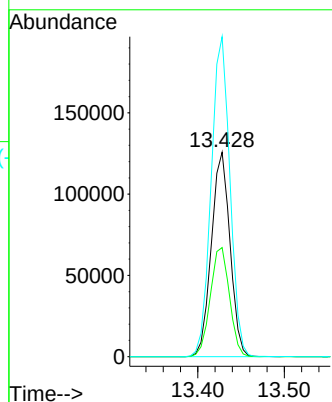
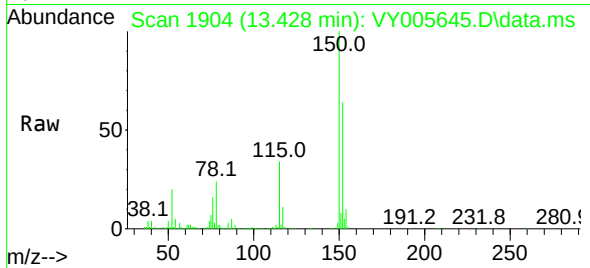




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005645.D
 Acq: 13 Aug 2021 19:34

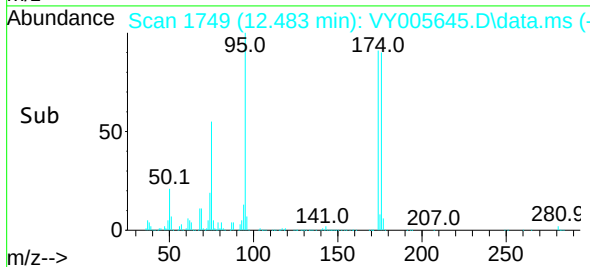
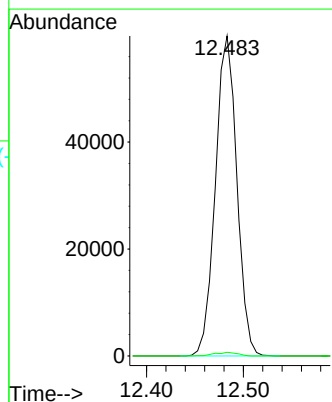
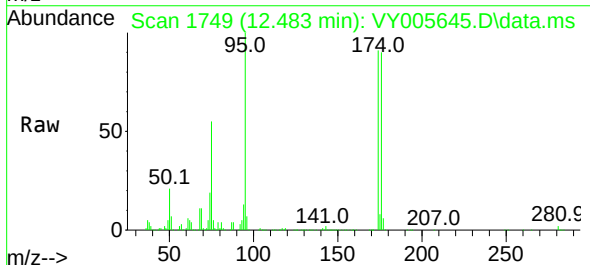
Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-1015

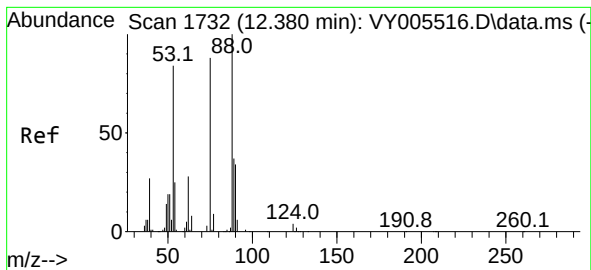
Tgt Ion:152 Resp: 188282
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.3 81.9
 150 157.2 0.0 350.2



#76
 1,2,3-Trichloropropane
 Concen: 47.161 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005645.D
 Acq: 13 Aug 2021 19:34

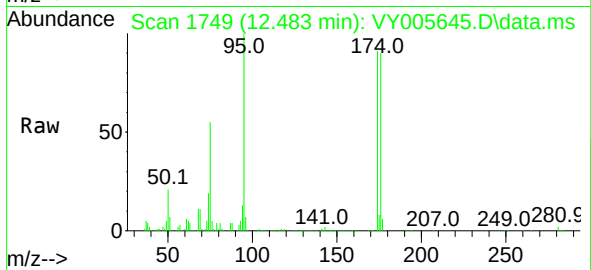
Tgt Ion: 75 Resp: 92018
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.071 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005645.D
 Acq: 13 Aug 2021 19:34

Instrument :
 MSVOA_Y
 ClientSampleId :
 SWCS-01-1015



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

