

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072821\
 Data File : VY005502.D
 Acq On : 28 Jul 2021 20:10
 Operator : SY/MD
 Sample : M3223-03
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-10

Quant Time: Jul 29 05:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:20:14 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

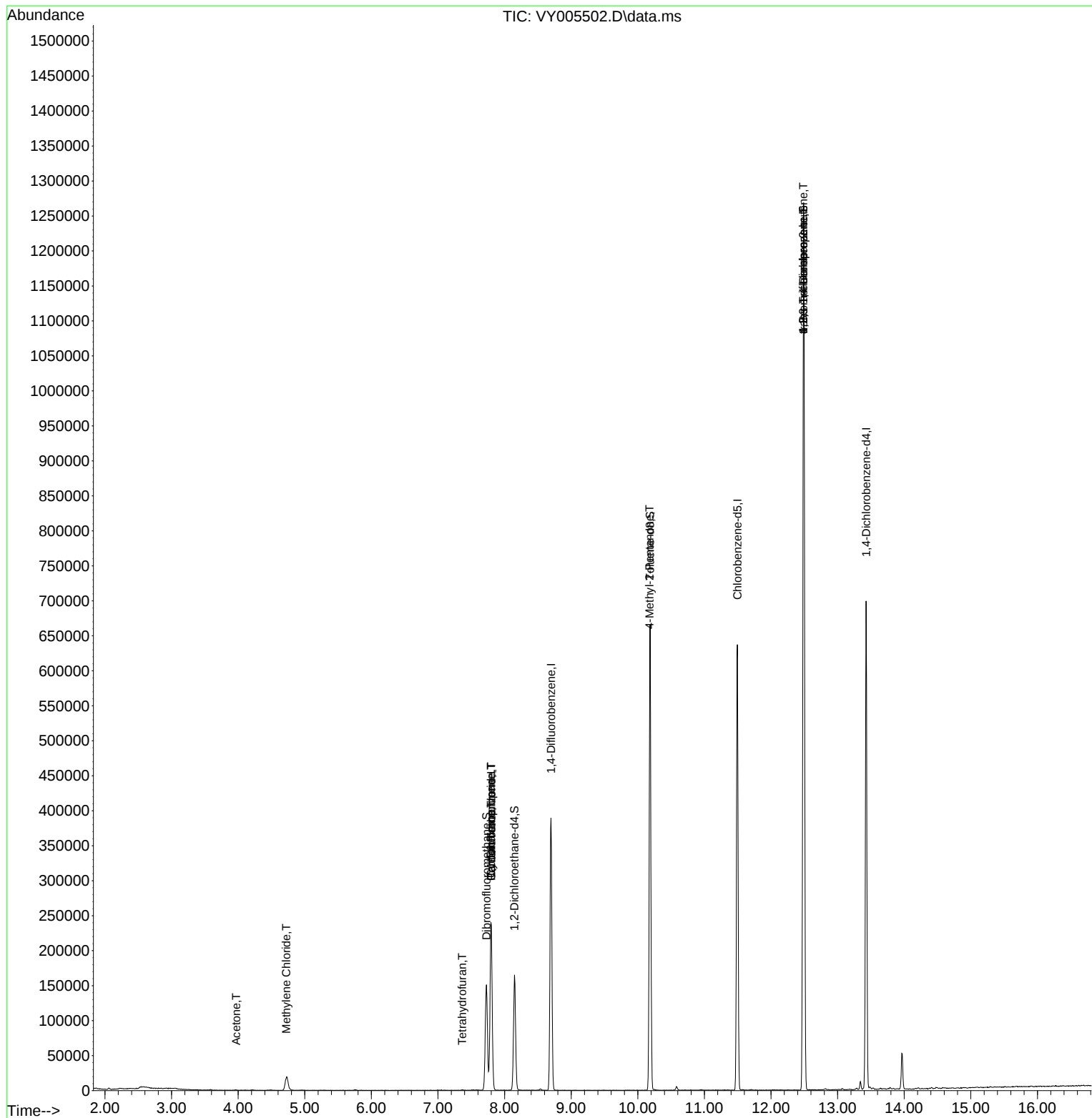
Internal Standards						
1) Pentafluorobenzene	7.801	168	193852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	327390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	176024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	130921	63.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.440%	
35) Dibromofluoromethane	7.728	113	100704	53.272	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.540%	
50) Toluene-d8	10.185	98	421640	52.625	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.260%	
62) 4-Bromofluorobenzene	12.483	95	155526	58.814	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.620%	
Target Compounds						
					Qvalue	
16) Acetone	3.972	43	1066	2.254	ug/l #	84
20) Methylene Chloride	4.722	84	14663	4.308	ug/l	96
29) Tetrahydrofuran	7.362	42	496	1.058	ug/l #	62
31) Cyclohexane	7.795	56	3926	1.110	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	13847	4.374	ug/l #	50
38) Carbon Tetrachloride	7.801	117	17852	5.161	ug/l #	16
51) 4-Methyl-2-Pentanone	10.179	43	1947	1.051	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	88831	51.287	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88831	99.585	ug/l #	12

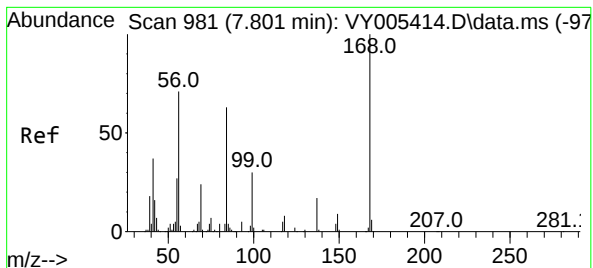
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 981

Delta R.T. 0.000 min

Lab File: VY005502.D

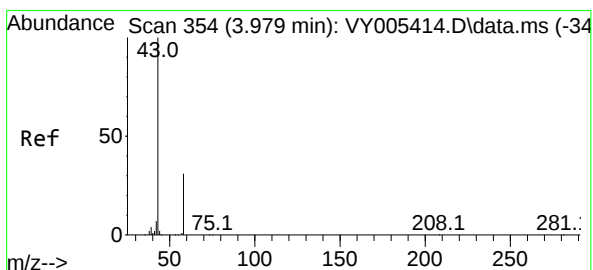
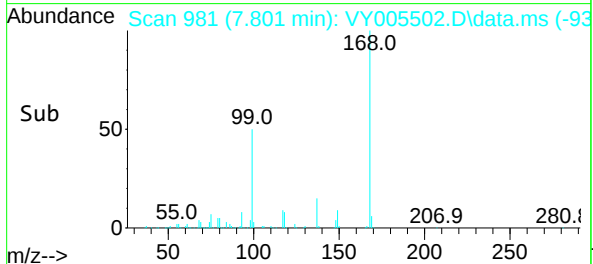
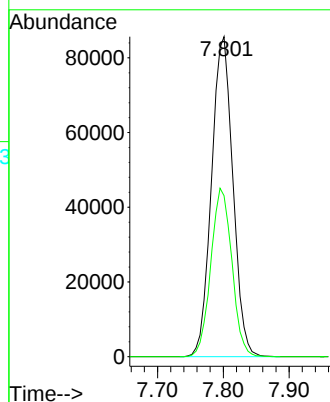
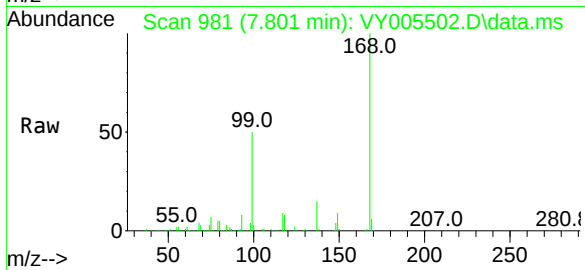
Acq: 28 Jul 2021 20:10

Tgt Ion:168 Resp: 193852

Ion Ratio Lower Upper

168 100

99 50.3 39.8 59.6



#16

Acetone

Concen: 2.254 ug/l

RT: 3.972 min Scan# 353

Delta R.T. -0.006 min

Lab File: VY005502.D

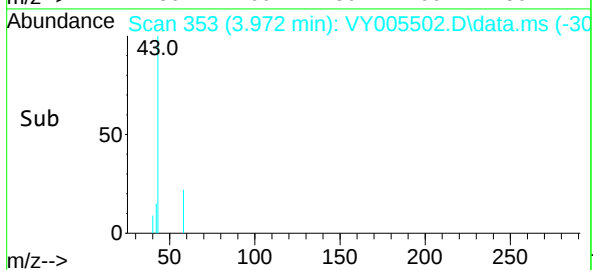
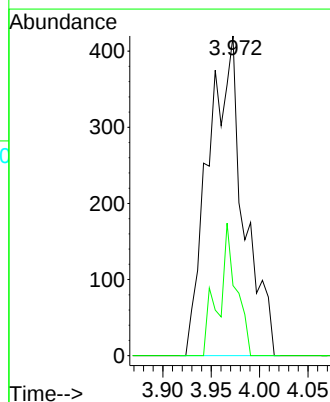
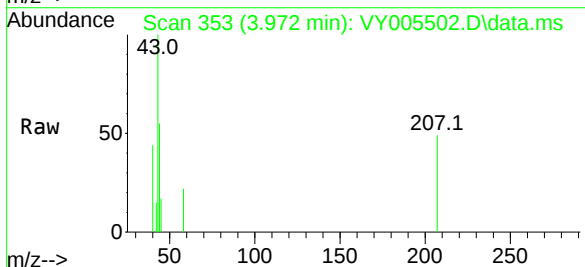
Acq: 28 Jul 2021 20:10

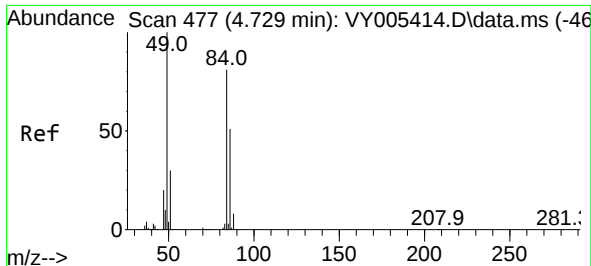
Tgt Ion: 43 Resp: 1066

Ion Ratio Lower Upper

43 100

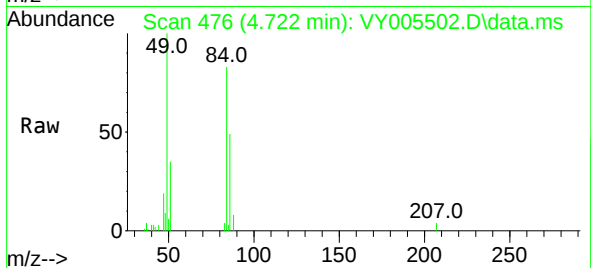
58 21.9 24.5 36.7#



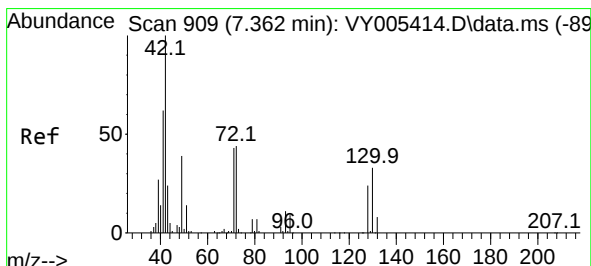
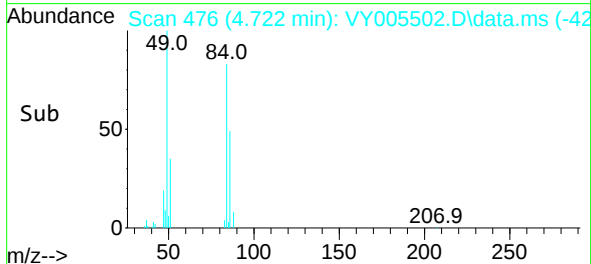
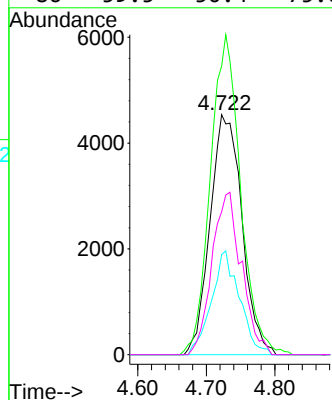


#20
Methylene Chloride
Concen: 4.308 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-10

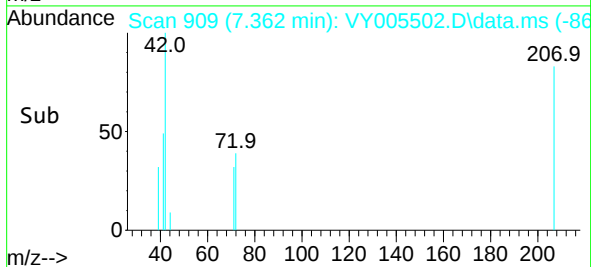
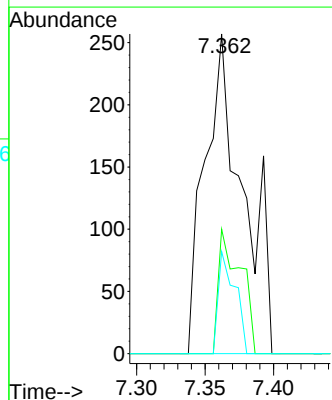
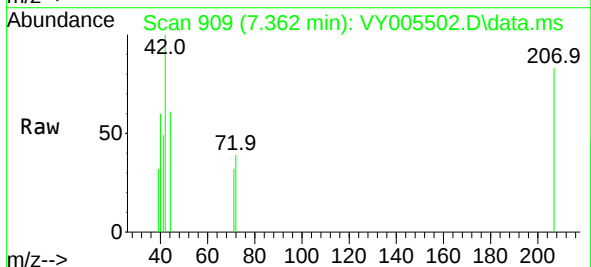


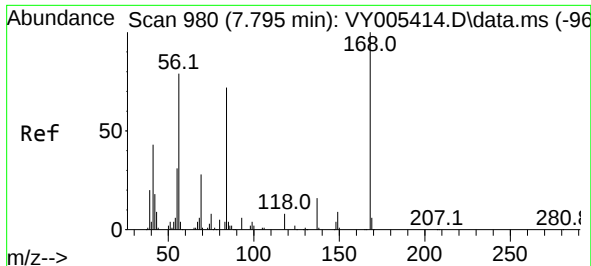
Tgt Ion: 84	Resp: 14663
Ion Ratio	Lower Upper
84 100	
49 120.2	98.9 148.3
51 41.7	30.0 45.0
86 59.5	50.4 75.6



#29
Tetrahydrofuran
Concen: 1.058 ug/l
RT: 7.362 min Scan# 909
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

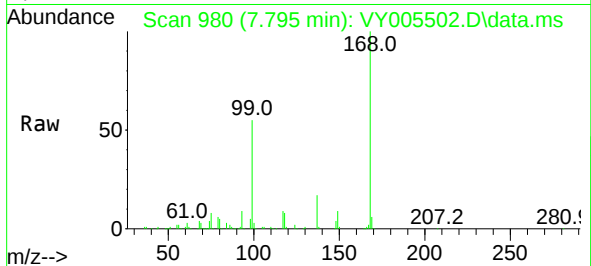
Tgt Ion: 42	Resp: 496
Ion Ratio	Lower Upper
42 100	
72 22.6	35.3 52.9#
71 14.1	33.4 50.2#



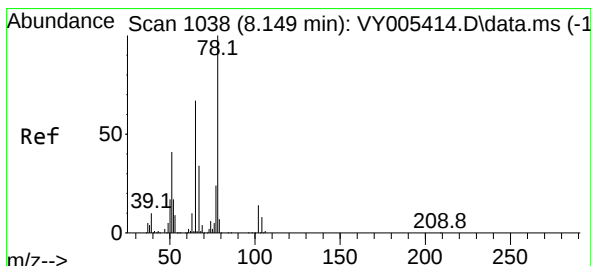
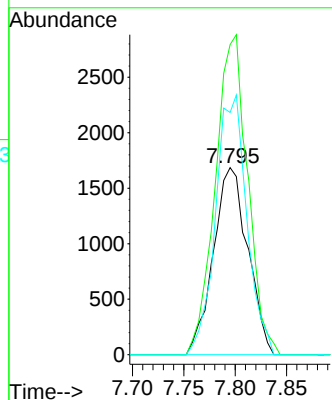
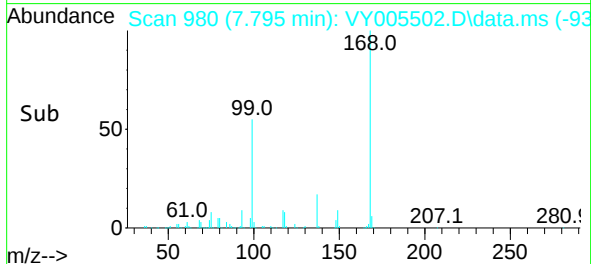


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

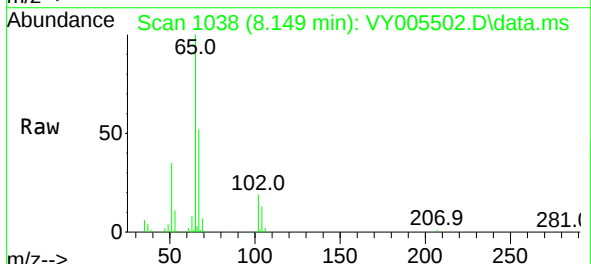
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-10



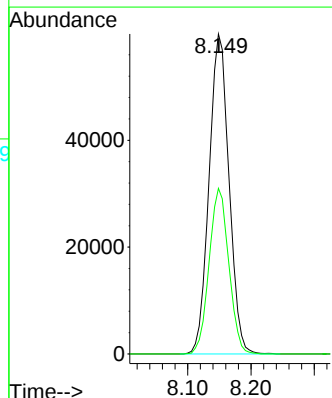
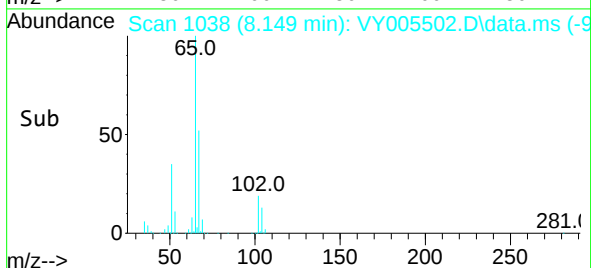
Tgt Ion: 56 Resp: 3926
Ion Ratio Lower Upper
56 100
69 165.7 28.7 43.1#
84 129.4 73.0 109.6#

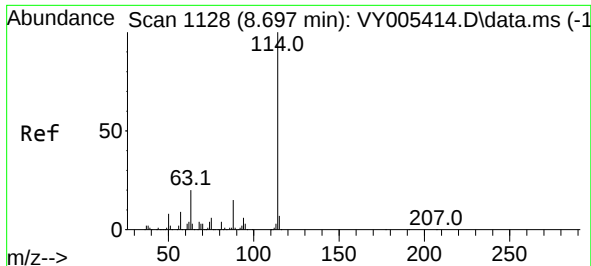


#33
1,2-Dichloroethane-d4
Concen: 63.217 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10



Tgt Ion: 65 Resp: 130921
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

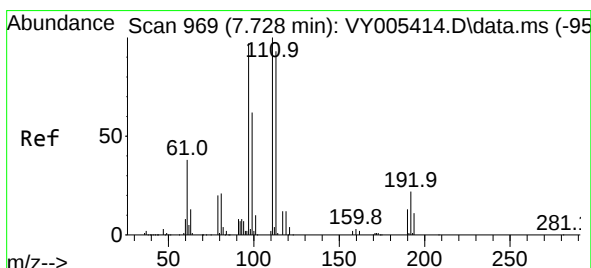
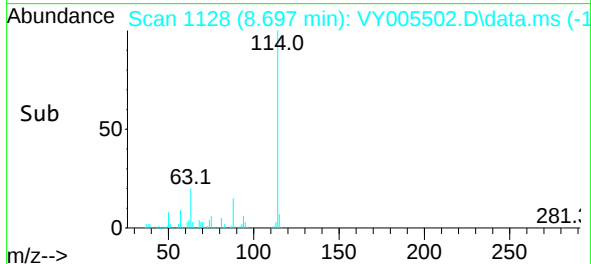
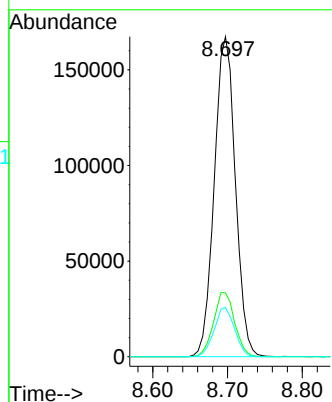
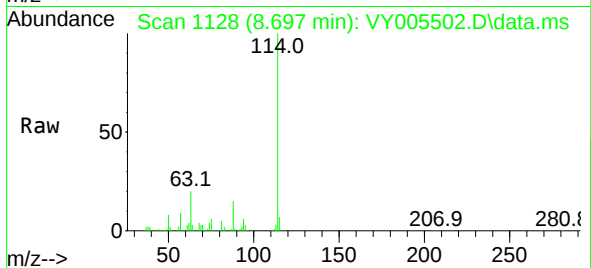




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

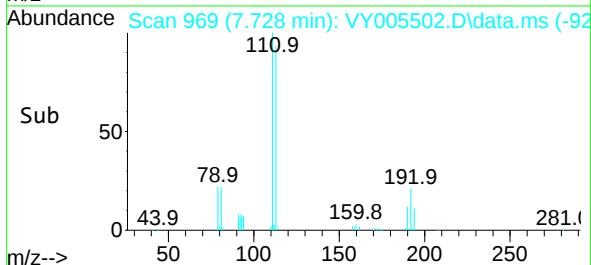
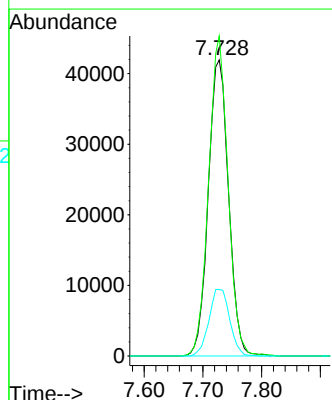
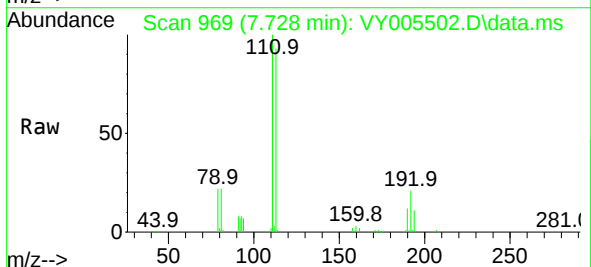
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-10

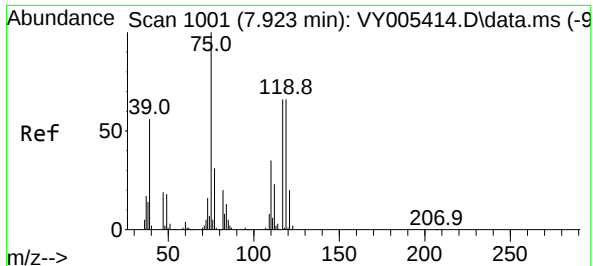
Tgt Ion:114 Resp: 327390
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.0
88 15.3 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.272 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion:113 Resp: 100704
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 23.0 18.9 28.3





#36

1,1-Dichloropropene

Concen: 4.374 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005502.D

Acq: 28 Jul 2021 20:10

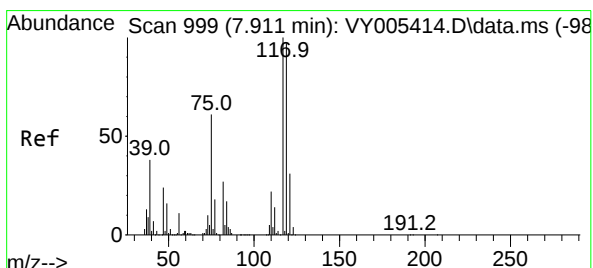
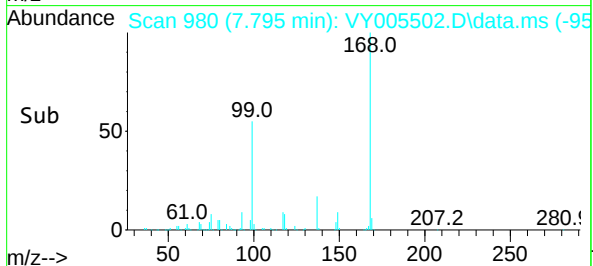
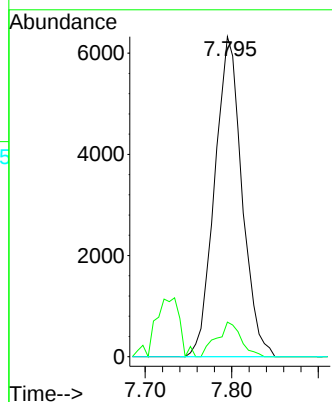
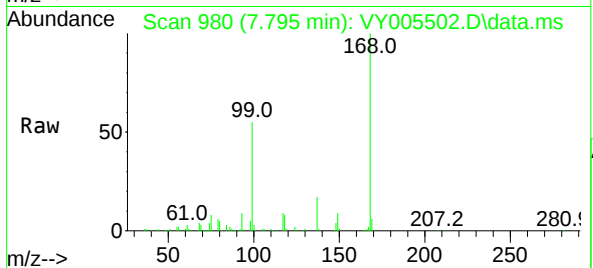
Tgt Ion:	75	Resp:	13847
Ion	Ratio	Lower	Upper
75	100		
110	9.6	17.6	52.9#
77	0.0	24.6	37.0#

Instrument :

MSVOA_Y

ClientSampleId :

BACKFILL-ASHCROFT-REAR-10



#38

Carbon Tetrachloride

Concen: 5.161 ug/l

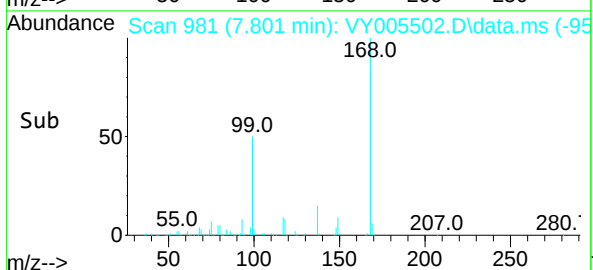
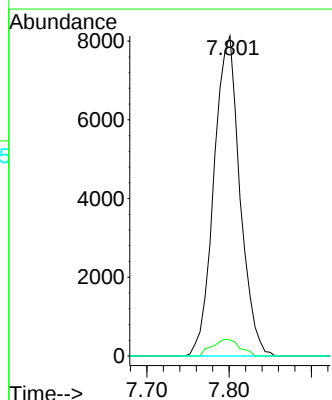
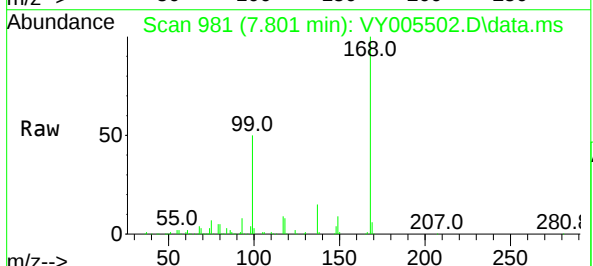
RT: 7.801 min Scan# 981

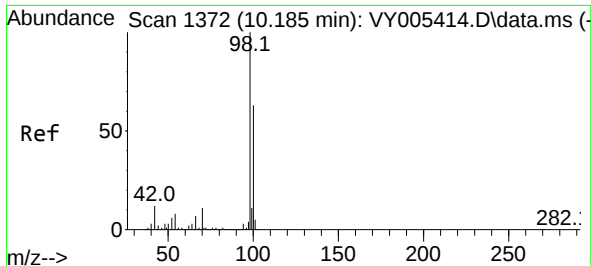
Delta R.T. -0.110 min

Lab File: VY005502.D

Acq: 28 Jul 2021 20:10

Tgt Ion:	117	Resp:	17852
Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	25.1	37.7#

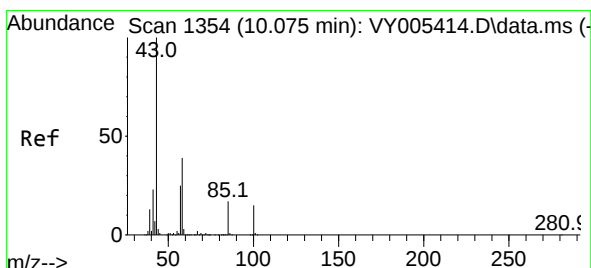
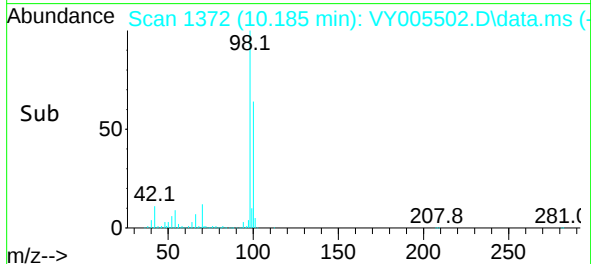
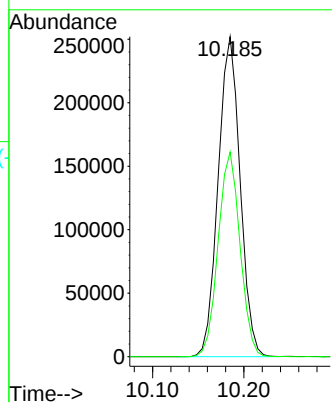
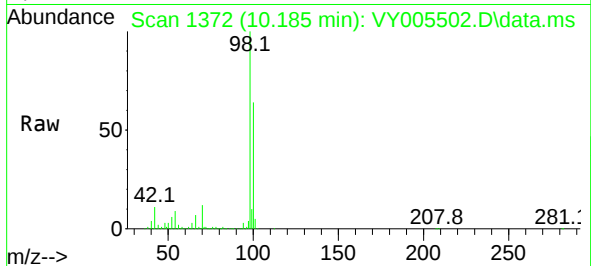




#50
Toluene-d8
Concen: 52.625 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

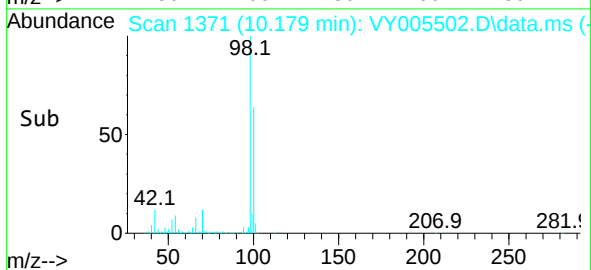
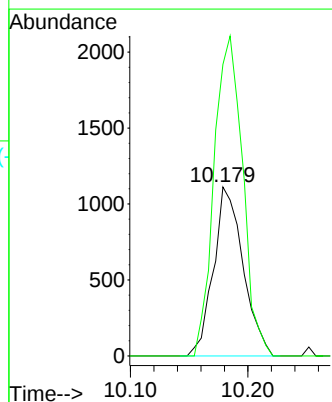
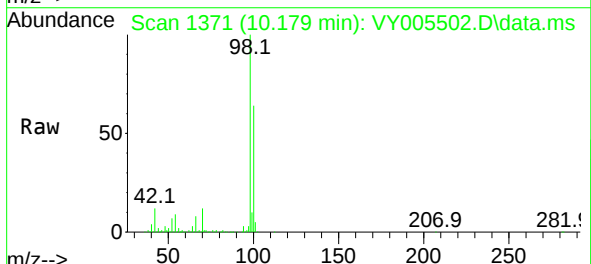
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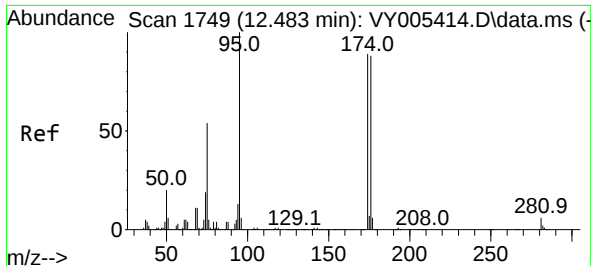
Tgt Ion: 98 Resp: 421640
Ion Ratio Lower Upper
98 100
100 63.7 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 1.051 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.104 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 43 Resp: 1947
Ion Ratio Lower Upper
43 100
58 182.6 31.2 46.8#

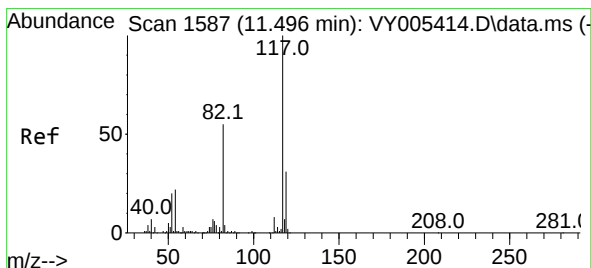
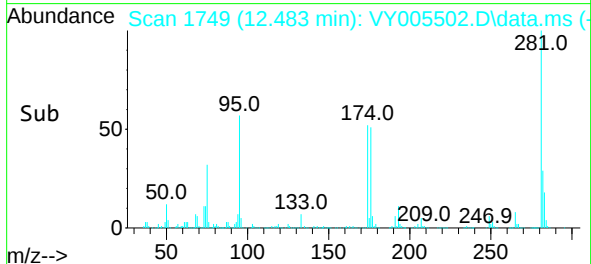
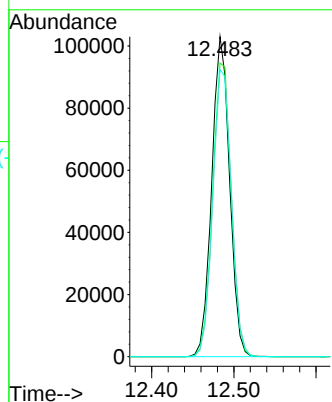
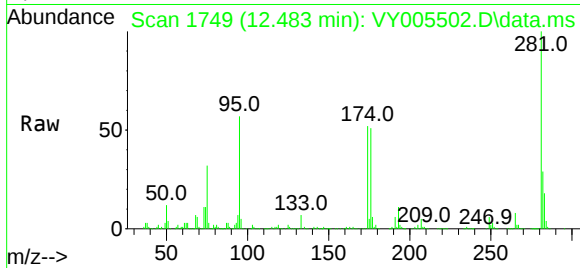




#62
4-Bromofluorobenzene
Concen: 58.814 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

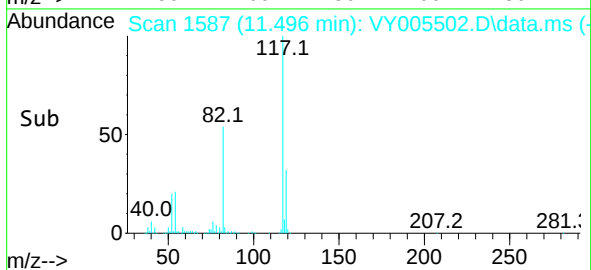
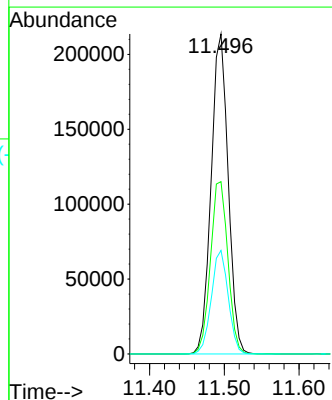
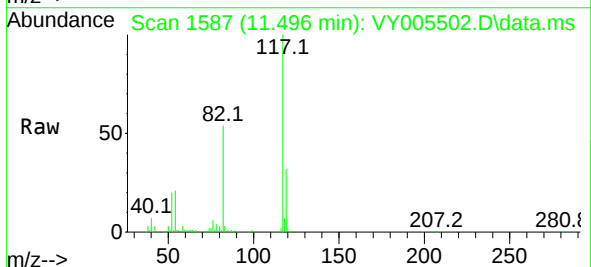
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BACKFILL-ASHCROFT-REAR-10

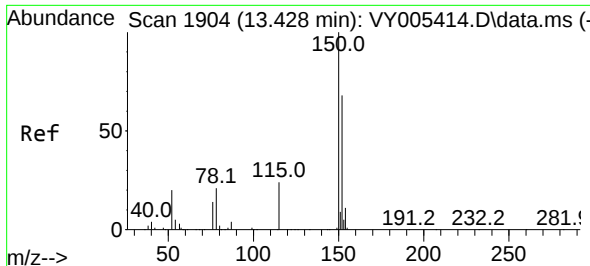
Tgt Ion: 95 Resp: 155526
Ion Ratio Lower Upper
95 100
174 95.6 0.0 186.6
176 93.5 0.0 182.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Tgt Ion: 117 Resp: 337877
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.6
119 32.4 24.8 37.2

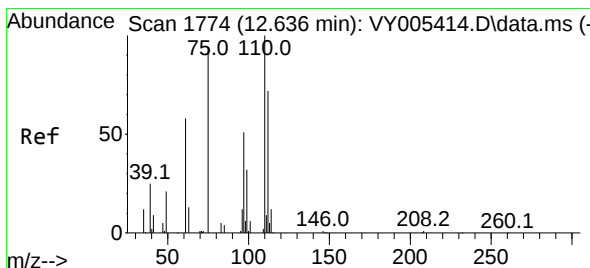
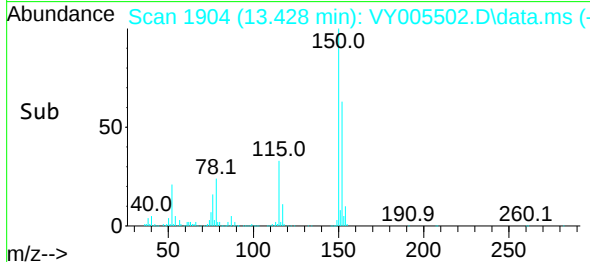
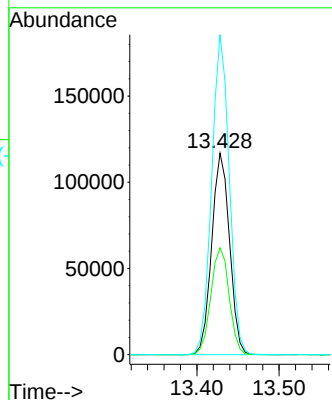
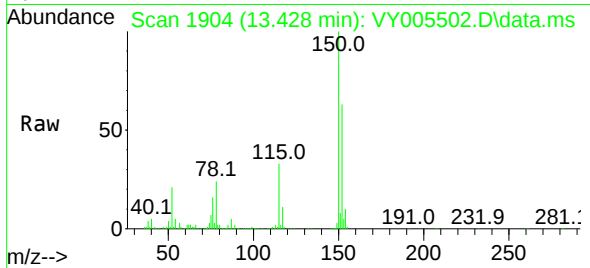




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005502.D
 Acq: 28 Jul 2021 20:10

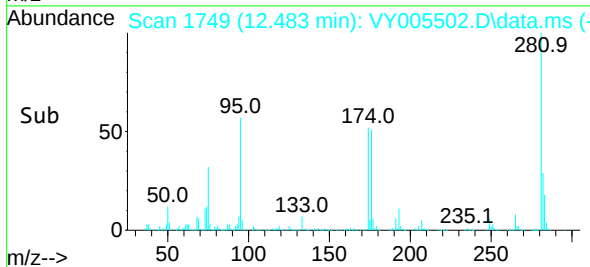
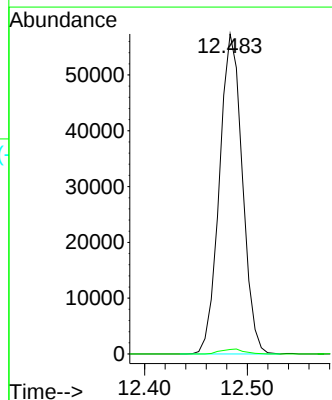
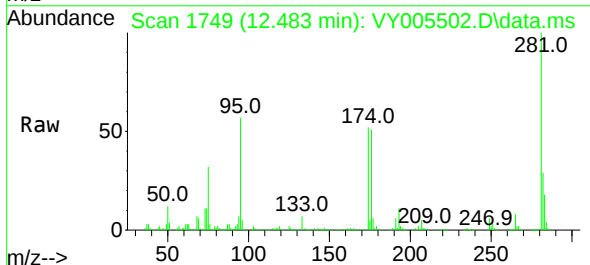
Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-10

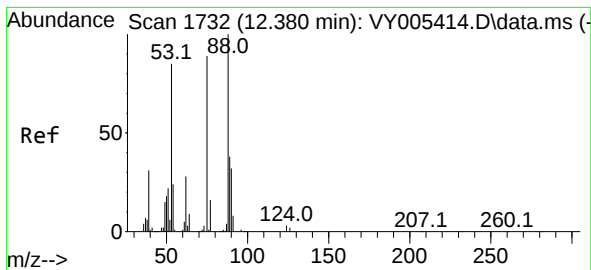
Tgt Ion:152 Resp: 176024
 Ion Ratio Lower Upper
 152 100
 115 54.2 27.7 83.1
 150 156.3 0.0 349.6



#76
 1,2,3-Trichloropropane
 Concen: 51.287 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY005502.D
 Acq: 28 Jul 2021 20:10

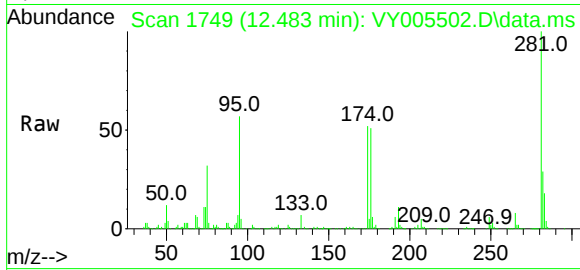
Tgt Ion: 75 Resp: 88831
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.585 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005502.D
Acq: 28 Jul 2021 20:10

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-10



Tgt Ion: 75 Resp: 88831
Ion Ratio Lower Upper
75 100
53 0.0 76.1 114.1#
89 2.0 36.9 55.3#

