

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062421\
 Data File : VY005211.D
 Acq On : 24 Jun 2021 15:15
 Operator : SY/MD
 Sample : M2851-03
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-08

Quant Time: Jun 25 04:35:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

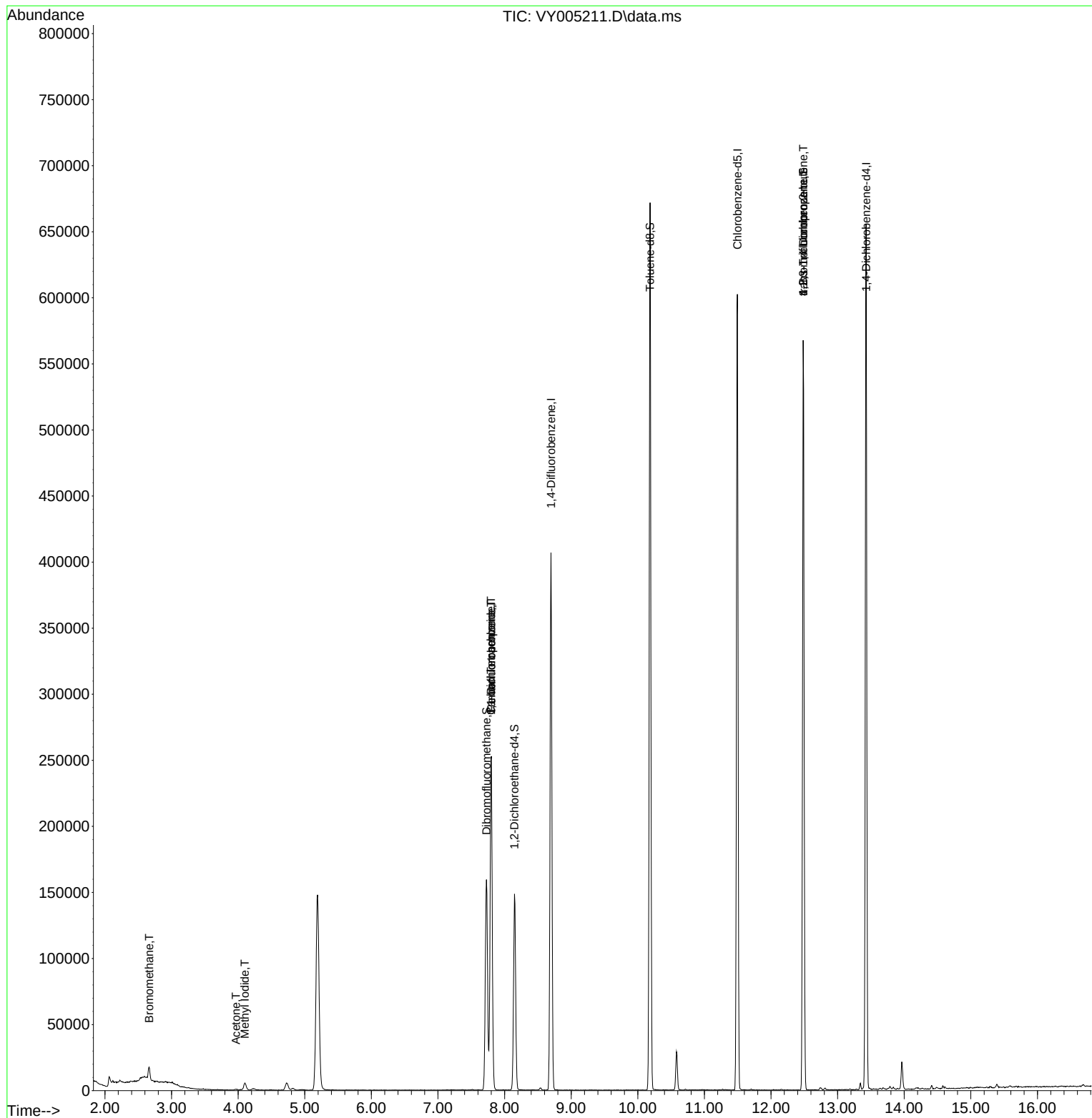
Internal Standards						
1) Pentafluorobenzene	7.801	168	220670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	362589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113735	62.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.220%	
35) Dibromofluoromethane	7.728	113	113331	53.184	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.360%	
50) Toluene-d8	10.185	98	446464	52.391	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 104.780%	
62) 4-Bromofluorobenzene	12.483	95	151933	53.503	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.000%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	6032	4.304	ug/l	86
10) Methyl Iodide	4.100	142	8864	3.446	ug/l	98
11) Tert butyl alcohol	4.972	59	1121	Below Cal	#	77
16) Acetone	3.966	43	948	2.241	ug/l	90
20) Methylene Chloride	4.734	84	4619	Below Cal		97
36) 1,1-Dichloropropene	7.795	75	13354	4.197	ug/l #	47
38) Carbon Tetrachloride	7.795	117	18316	5.499	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	72424	44.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	72424	83.307	ug/l #	17

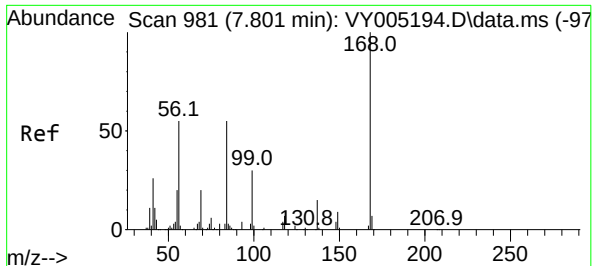
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration

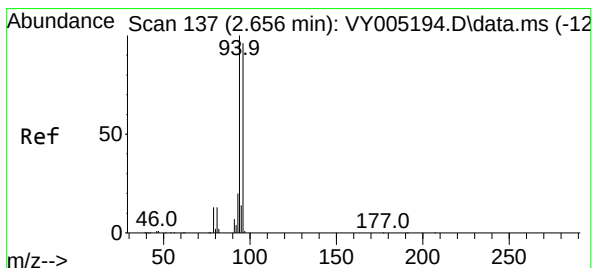
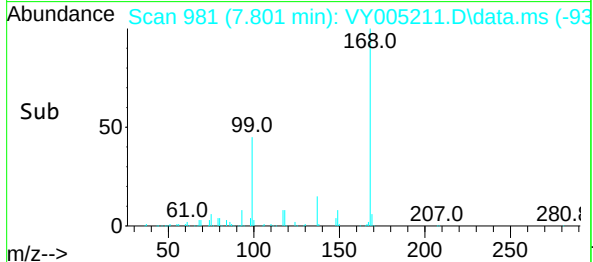
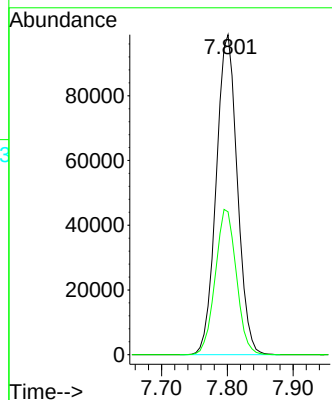
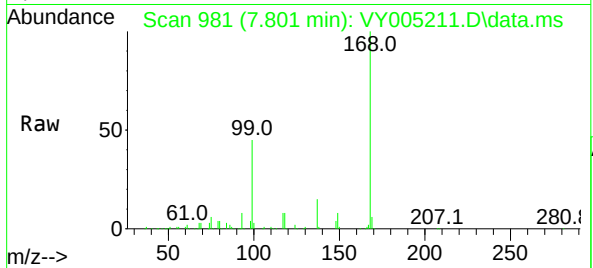




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

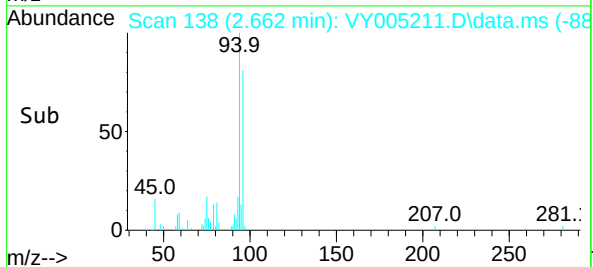
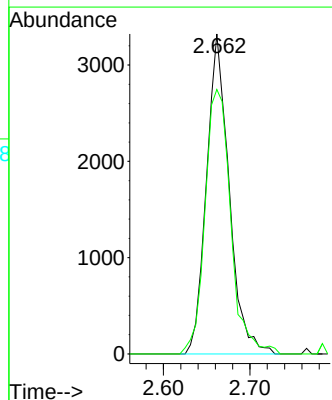
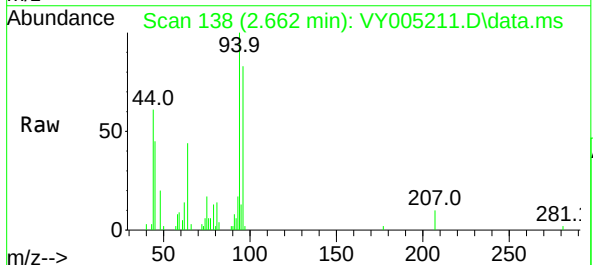
Instrument :
MSVOA_Y
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BACKFILL-ASHCROFT-REAR-08

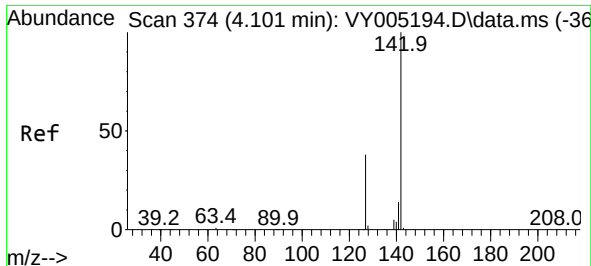
Tgt Ion:168 Resp: 220670
Ion Ratio Lower Upper
168 100
99 44.7 36.2 54.4



#5
Bromomethane
Concen: 4.304 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

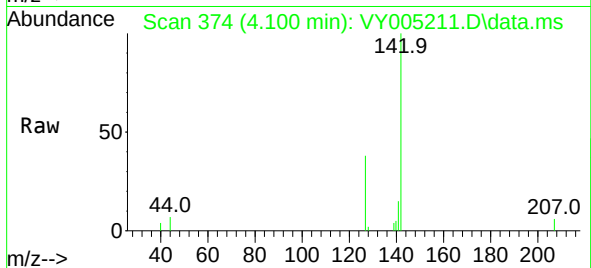
Tgt Ion: 94 Resp: 6032
Ion Ratio Lower Upper
94 100
96 82.6 76.9 115.3



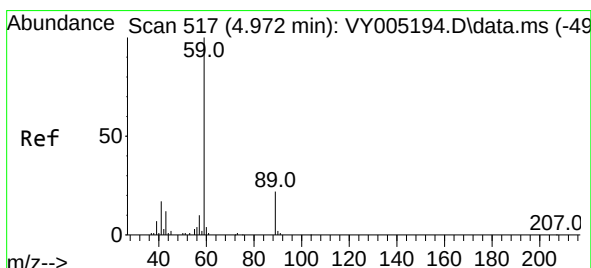
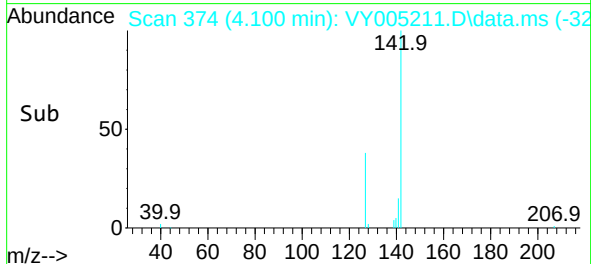
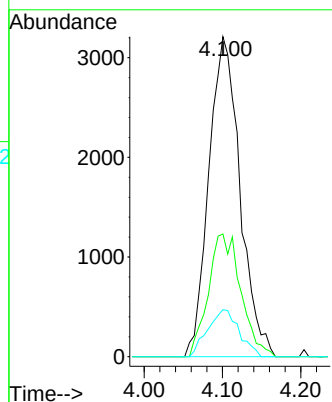


#10
Methyl Iodide
Concen: 3.446 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

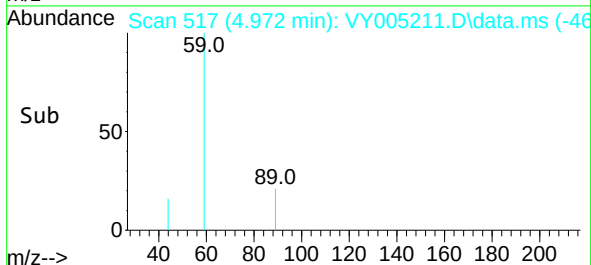
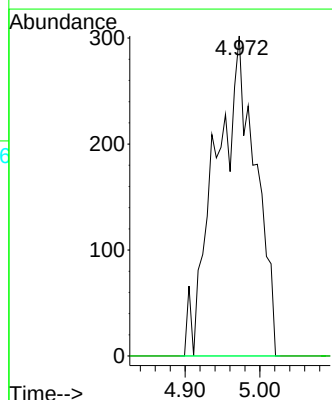
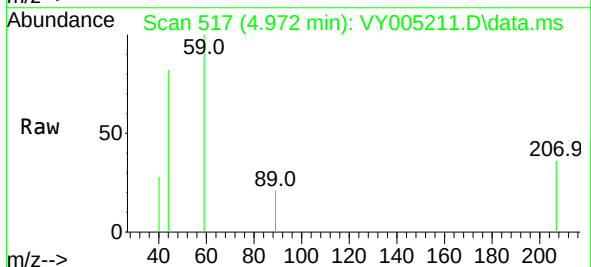


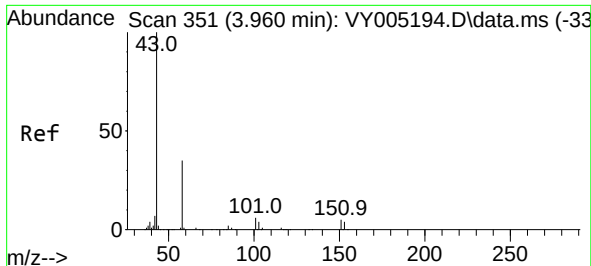
Tgt Ion:	142	Resp:	8864
Ion	Ratio	Lower	Upper
142	100		
127	40.0	31.3	46.9
141	14.9	11.3	16.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion:	59	Resp:	1121
Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.5	9.7#

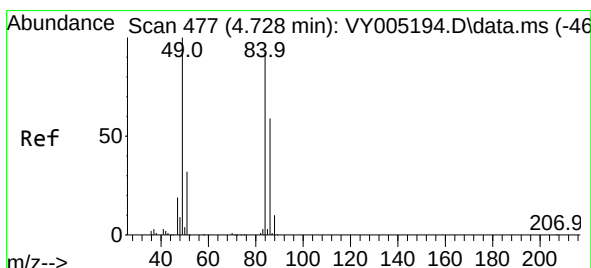
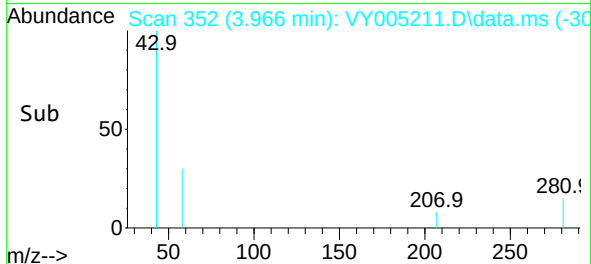
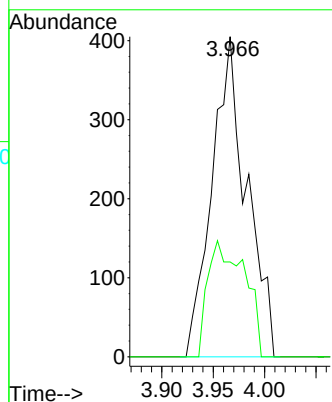
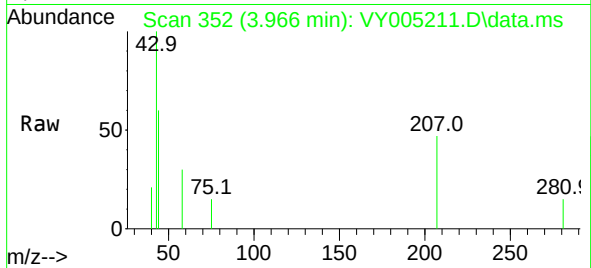




#16
Acetone
Concen: 2.241 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

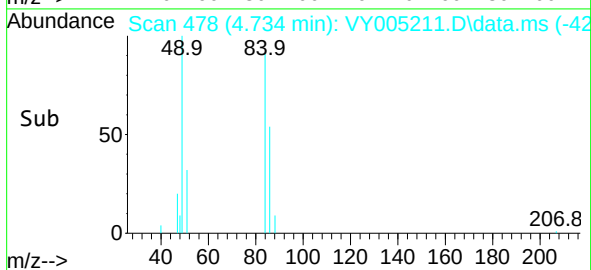
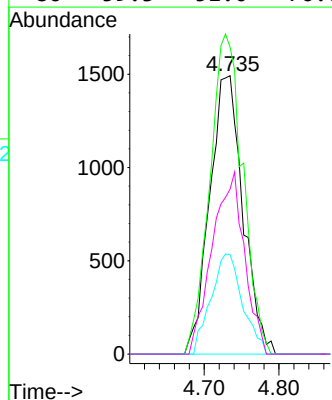
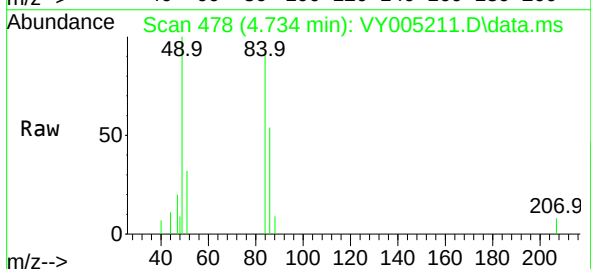
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

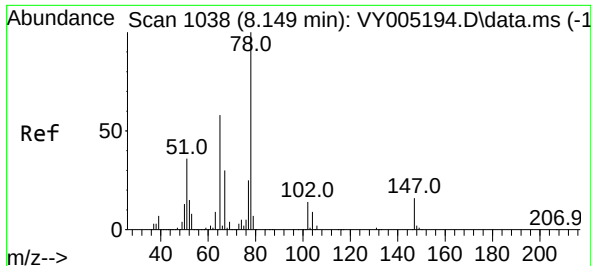
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 29.6 28.2 42.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 84 Resp: 4619
Ion Ratio Lower Upper
84 100
49 110.2 86.9 130.3
51 35.7 27.4 41.2
86 59.3 51.0 76.6

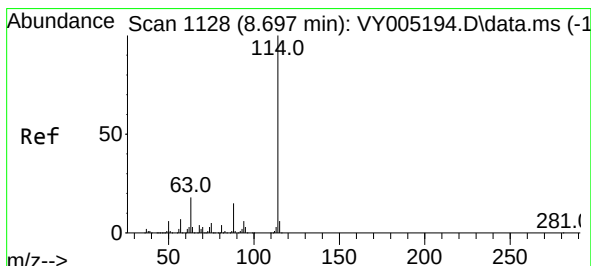
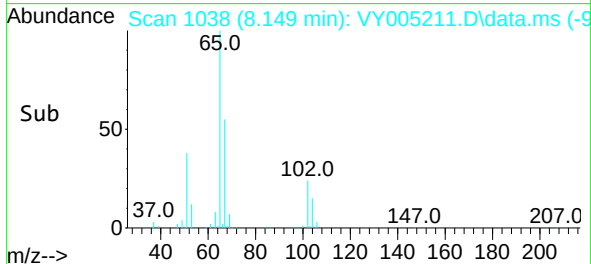
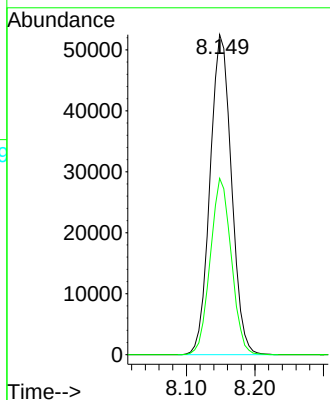
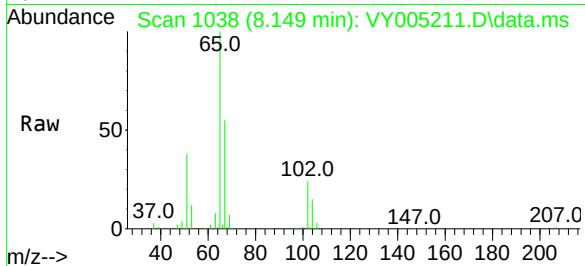




#33
1,2-Dichloroethane-d4
Concen: 62.108 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

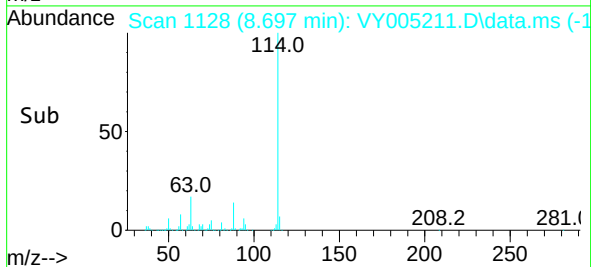
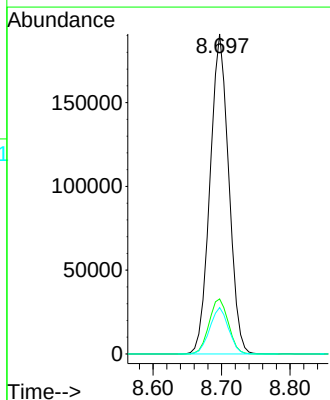
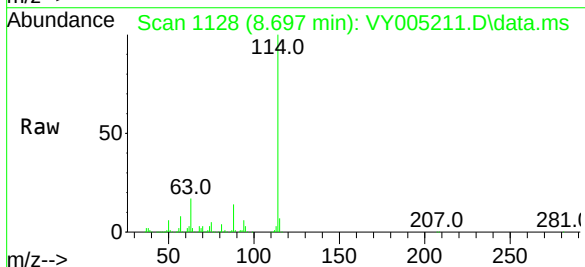
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08

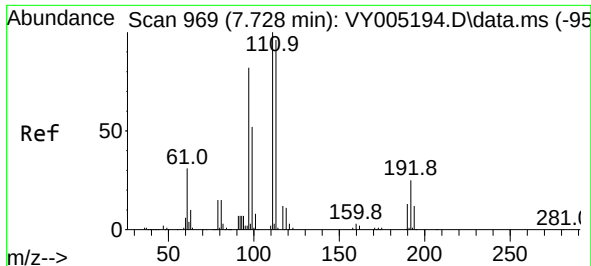
Tgt Ion: 65 Resp: 113735
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

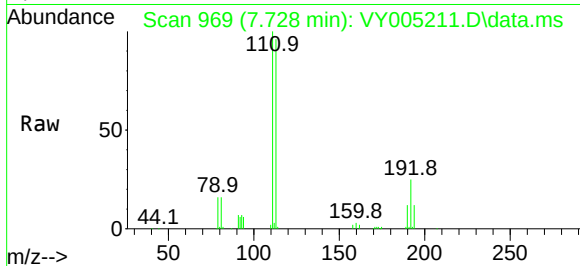
Tgt Ion: 114 Resp: 361324
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.2
88 14.5 0.0 29.4



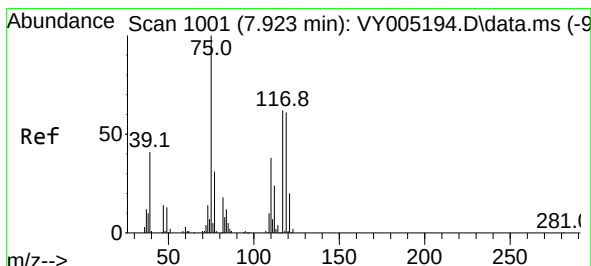
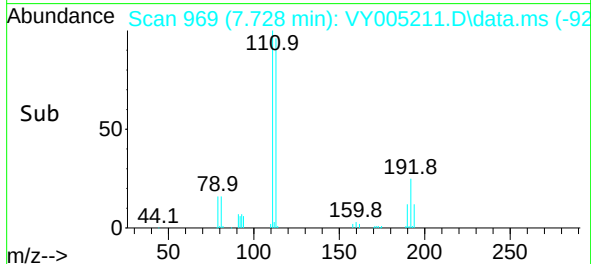
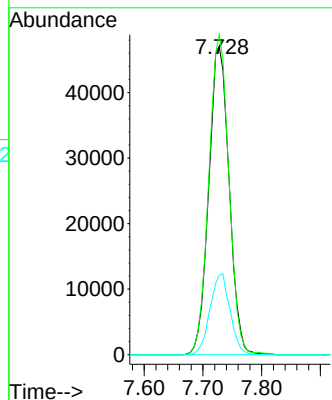


#35
Dibromofluoromethane
Concen: 53.184 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

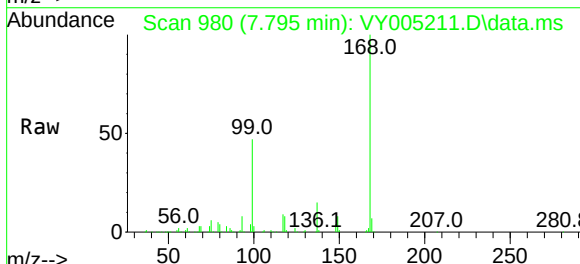
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-08



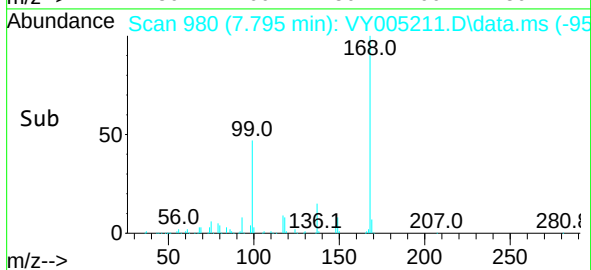
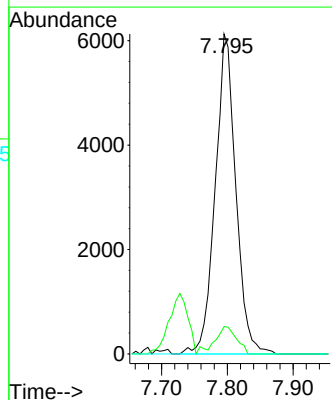
Tgt Ion:113 Resp: 113331
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 25.7 20.2 30.2

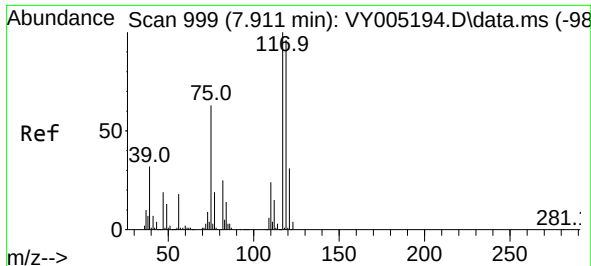


#36
1,1-Dichloropropene
Concen: 4.197 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15



Tgt Ion: 75 Resp: 13354
Ion Ratio Lower Upper
75 100
110 8.4 19.1 57.5#
77 0.0 25.2 37.8#

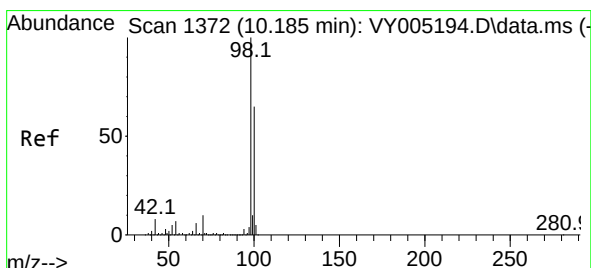
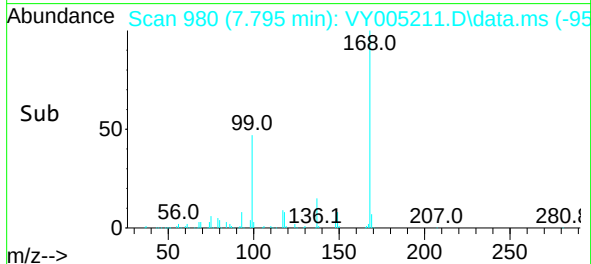
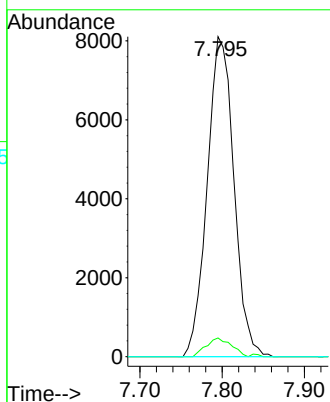
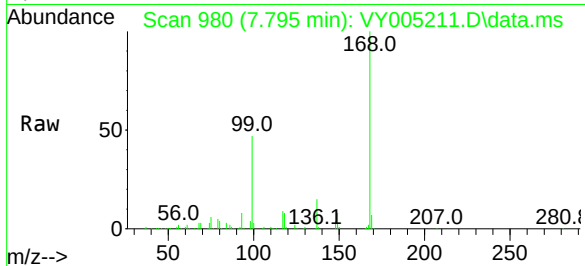




#38
Carbon Tetrachloride
Concen: 5.499 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

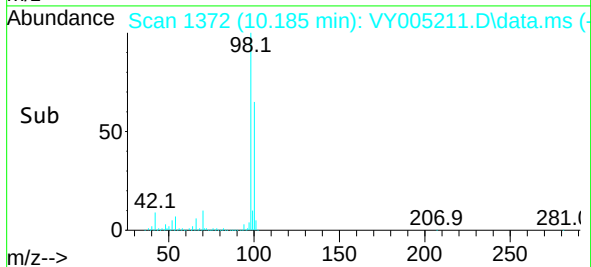
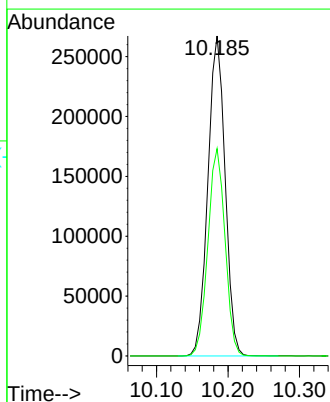
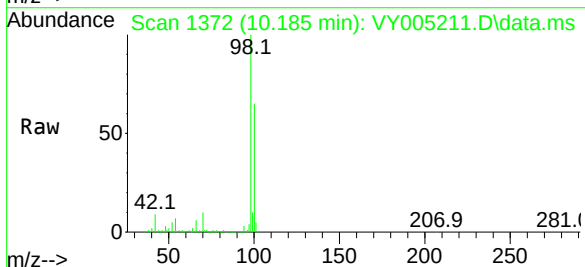
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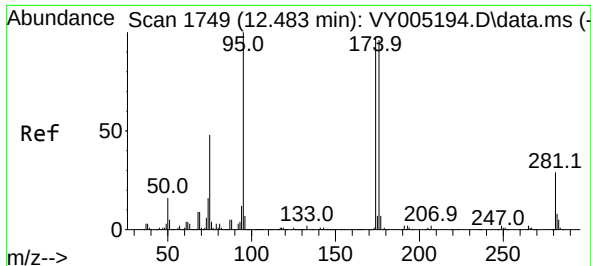
Tgt Ion:117 Resp: 18316
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.4#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.391 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 98 Resp: 446464
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

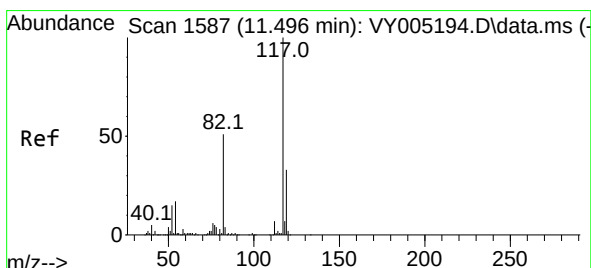
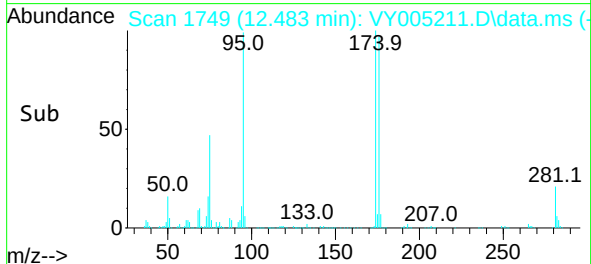
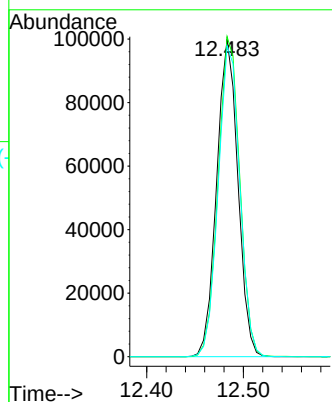
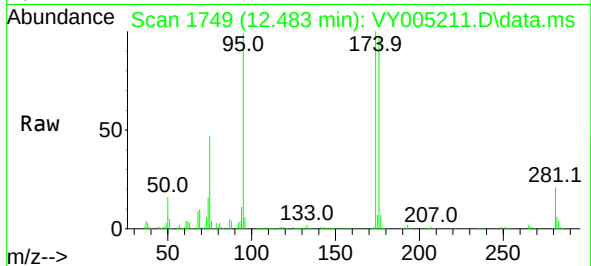




#62
4-Bromofluorobenzene
Concen: 53.503 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

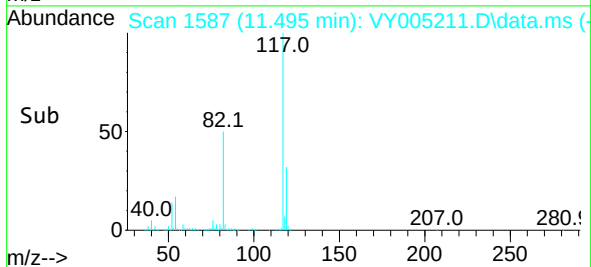
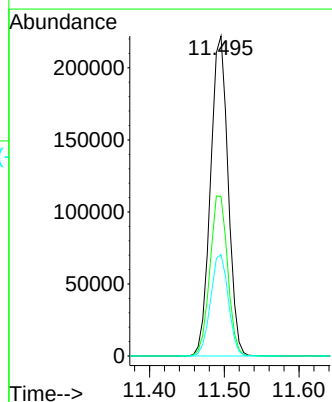
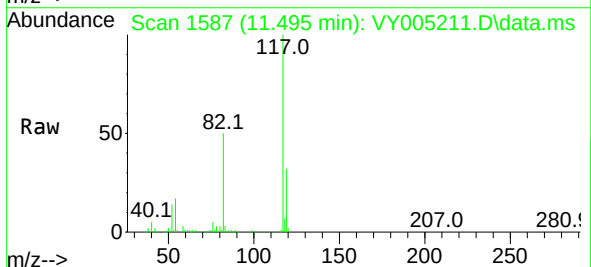
Instrument :
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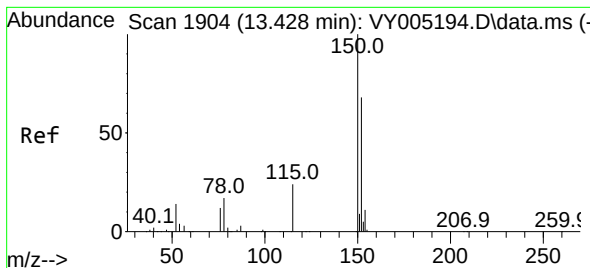
Tgt Ion: 95 Resp: 151933
Ion Ratio Lower Upper
95 100
174 102.6 0.0 201.6
176 99.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005211.D
Acq: 24 Jun 2021 15:15

Tgt Ion: 117 Resp: 362589
Ion Ratio Lower Upper
117 100
82 49.8 40.6 60.8
119 31.7 26.1 39.1

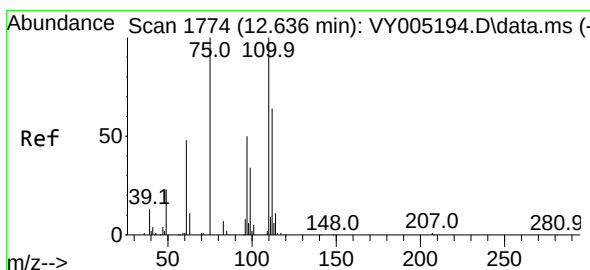
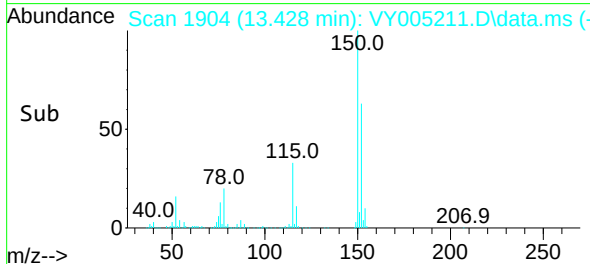
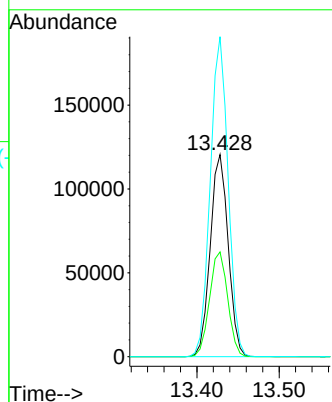
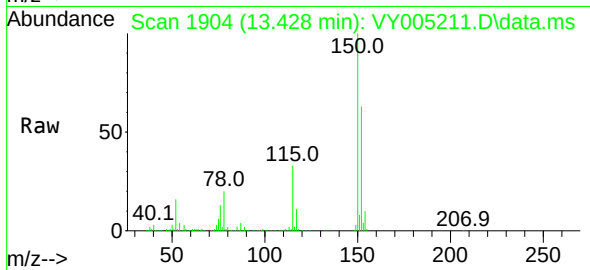




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY005211.D
 Acq: 24 Jun 2021 15:15

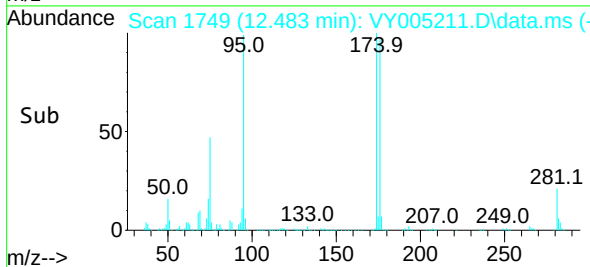
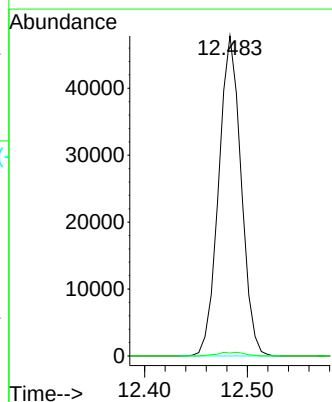
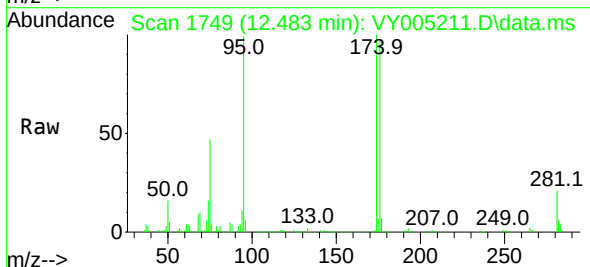
Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-08

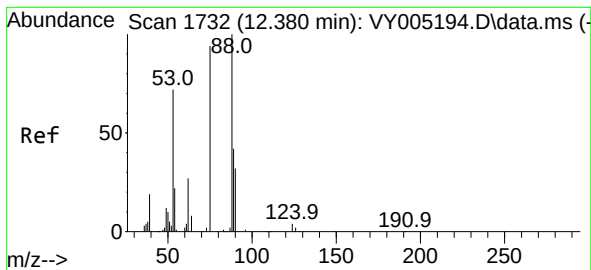
Tgt Ion:152 Resp: 182891
 Ion Ratio Lower Upper
 152 100
 115 52.4 26.3 78.8
 150 157.2 0.0 344.2



#76
 1,2,3-Trichloropropane
 Concen: 44.650 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY005211.D
 Acq: 24 Jun 2021 15:15

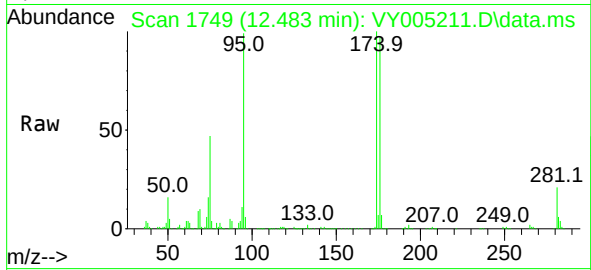
Tgt Ion: 75 Resp: 72424
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.307 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY005211.D
 Acq: 24 Jun 2021 15:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-08



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	38.0	57.0#

