

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031821\
 Data File : VY004124.D
 Acq On : 18 Mar 2021 16:10
 Operator : SY/MD
 Sample : M1718-03
 Misc : 6.18g/5mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-05

Quant Time: Mar 19 01:44:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 08 12:28:55 2021
 Response via : Initial Calibration

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

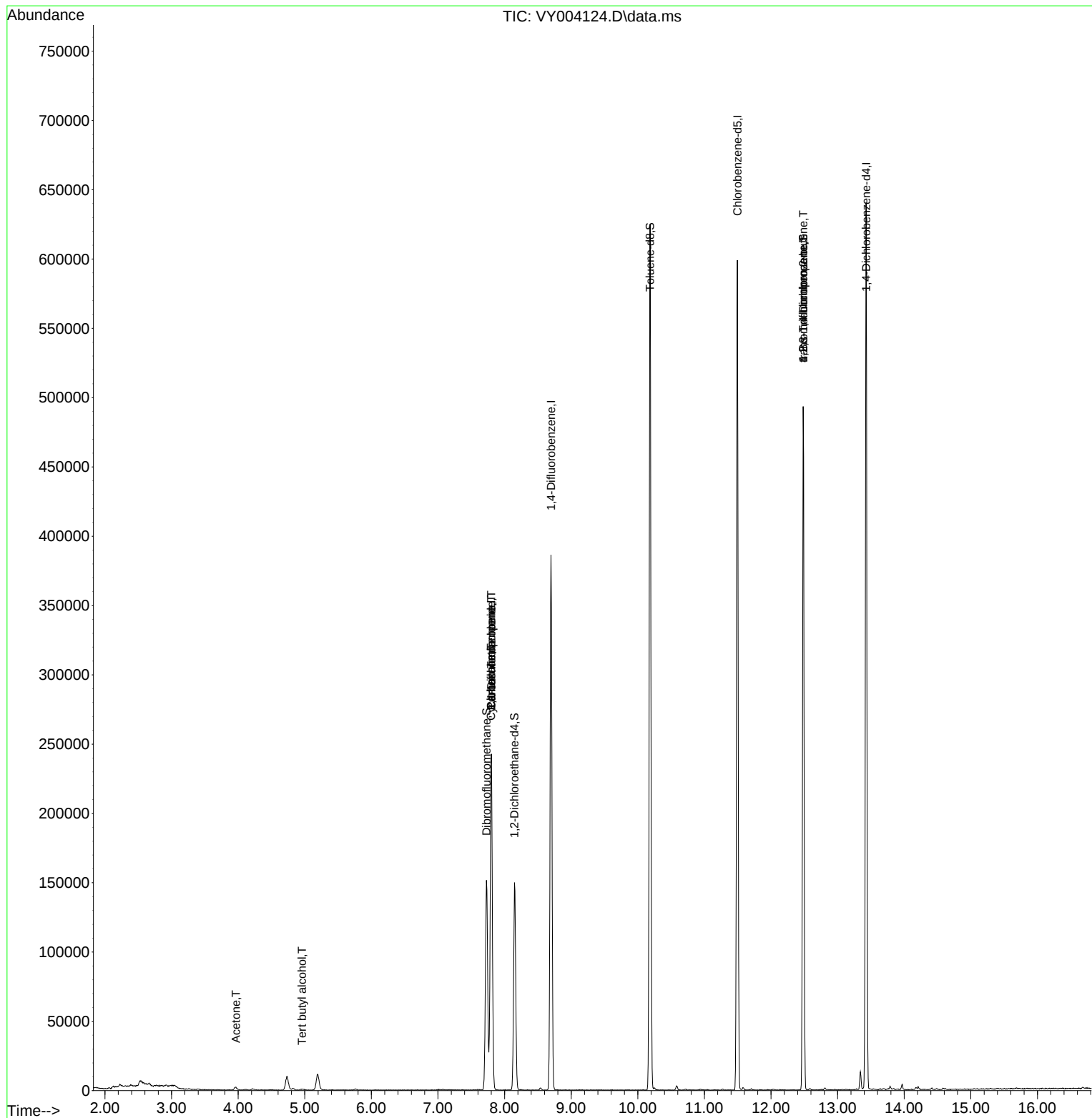
Internal Standards						
1) Pentafluorobenzene	7.801	168	192813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	338178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	322498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	159369	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	115237	60.56	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.12%
35) Dibromofluoromethane	7.728	113	105900	55.53	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.06%
50) Toluene-d8	10.184	98	398933	53.36	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.72%
62) 4-Bromofluorobenzene	12.483	95	149819	54.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.52%
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	467	Below Cal	#	81
11) Tert butyl alcohol	4.960	59	1375	7.99	ug/l #	76
16) Acetone	3.966	43	3900	8.49	ug/l #	89
20) Methylene Chloride	4.734	84	7343	Below Cal		88
31) Cyclohexane	7.795	56	3705	1.11	ug/l #	17
36) 1,1-Dichloropropene	7.801	75	13956	4.70	ug/l #	51
38) Carbon Tetrachloride	7.801	117	18441	5.85	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	80035	52.38	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80035	103.37	ug/l #	13

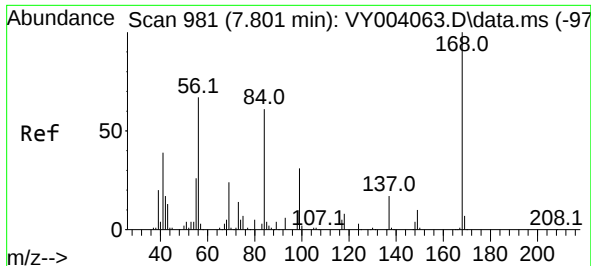
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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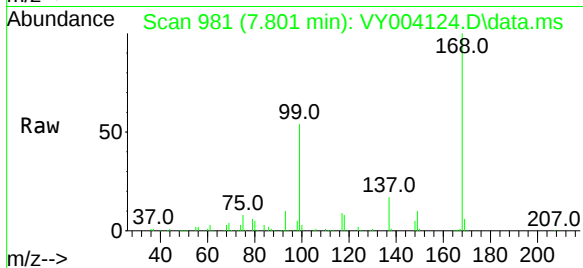
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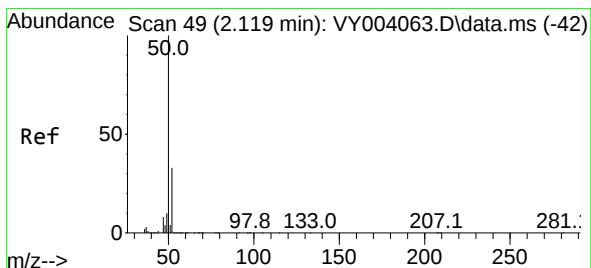
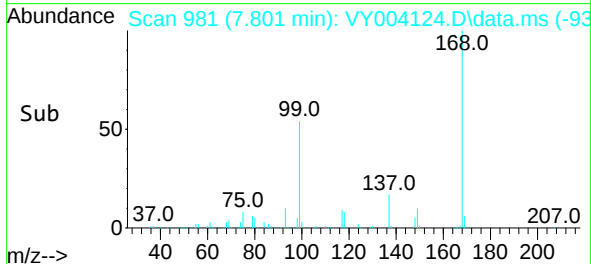
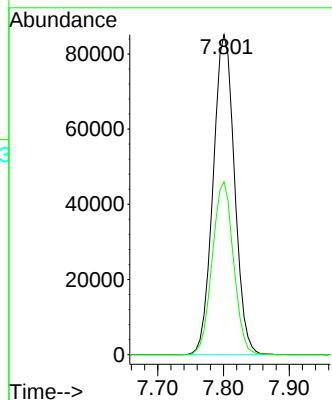


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

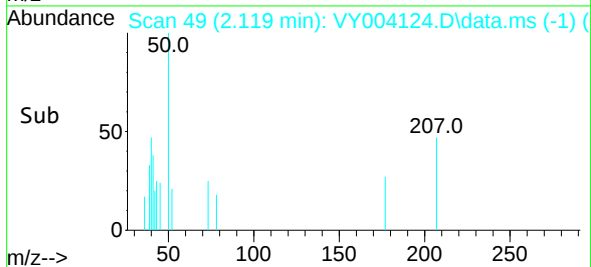
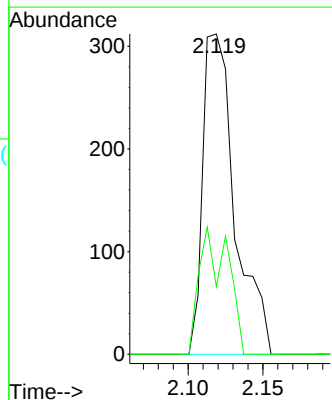
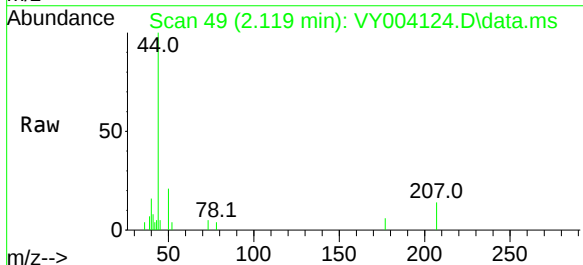


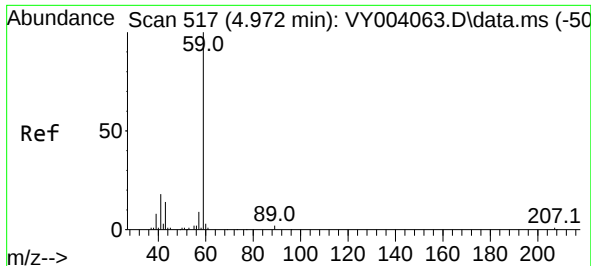
Tgt Ion:168 Resp: 192813
Ion Ratio Lower Upper
168 100
99 54.1 41.2 61.8



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 50 Resp: 467
Ion Ratio Lower Upper
50 100
52 21.2 25.4 38.2#

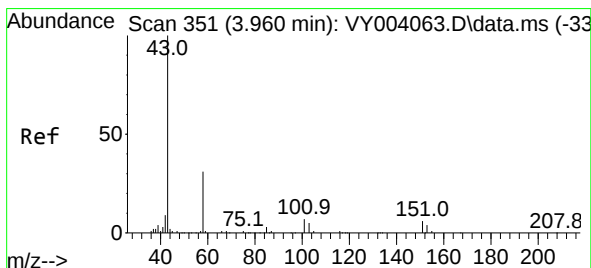
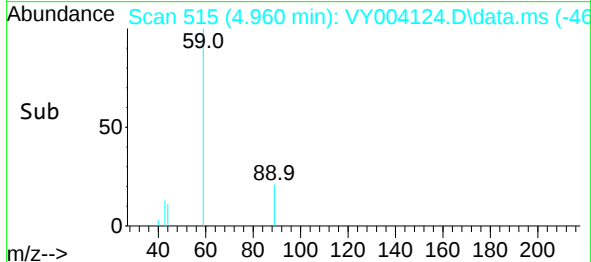
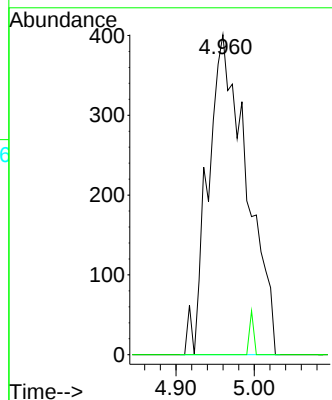
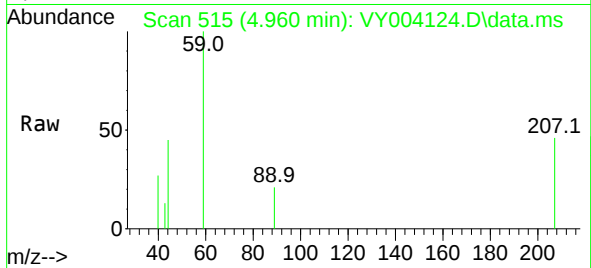




#11
Tert butyl alcohol
Concen: 7.99 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.012 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

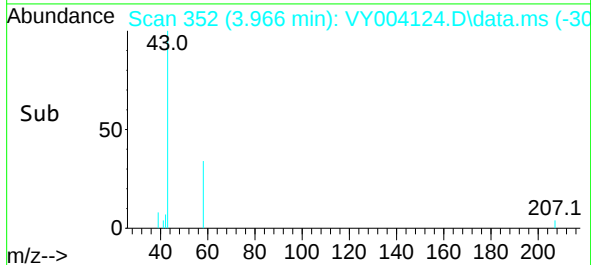
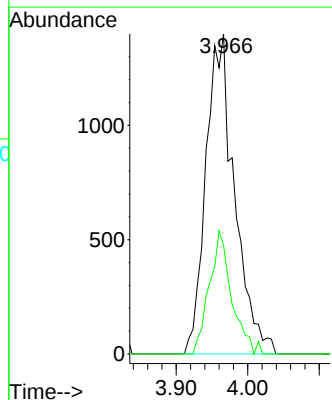
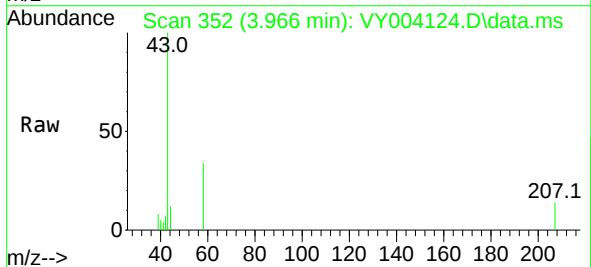
Instrument :
MSVOA_Y
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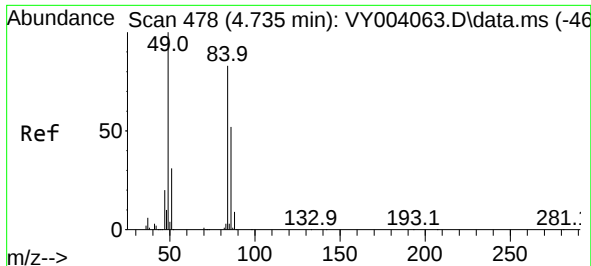
Tgt Ion: 59 Resp: 1375
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#



#16
Acetone
Concen: 8.49 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 43 Resp: 3900
Ion Ratio Lower Upper
43 100
58 34.0 22.6 34.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.734 min Scan# 478

Delta R.T. -0.001 min

Lab File: VY004124.D

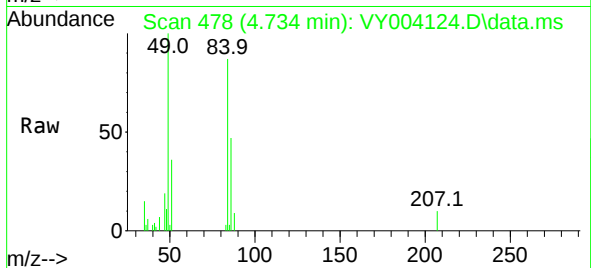
Acq: 18 Mar 2021 16:10

Instrument :

MSVOA_Y

ClientSampleId :

BACKFILL-ASHCROFT-REAR-05



Tgt Ion: 84 Resp: 7343

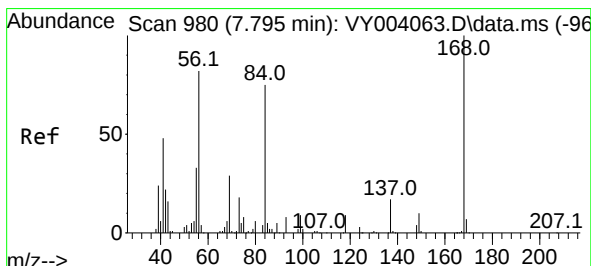
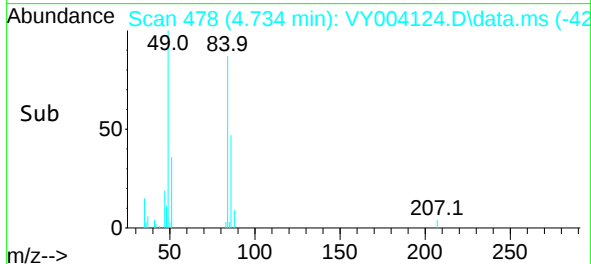
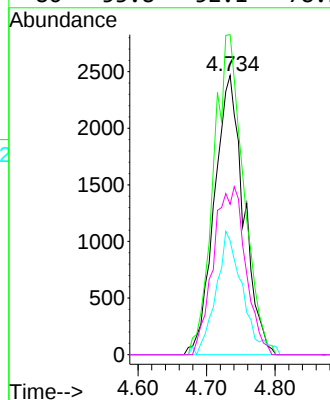
Ion Ratio Lower Upper

84 100

49 114.6 105.8 158.6

51 40.8 32.6 48.8

86 53.8 52.1 78.1



#31

Cyclohexane

Concen: 1.11 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.000 min

Lab File: VY004124.D

Acq: 18 Mar 2021 16:10

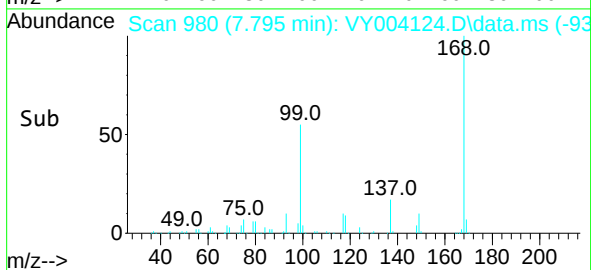
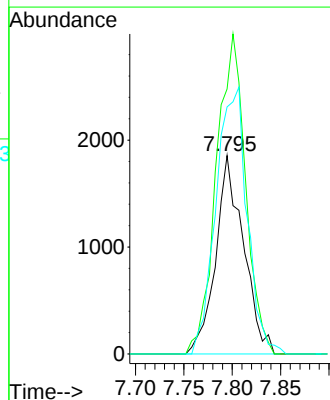
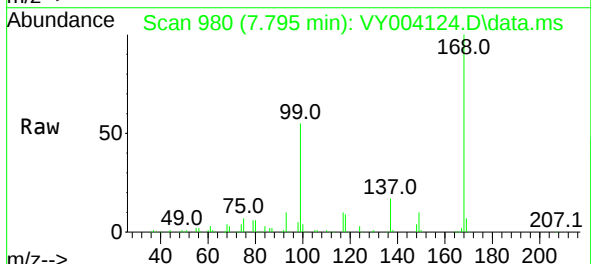
Tgt Ion: 56 Resp: 3705

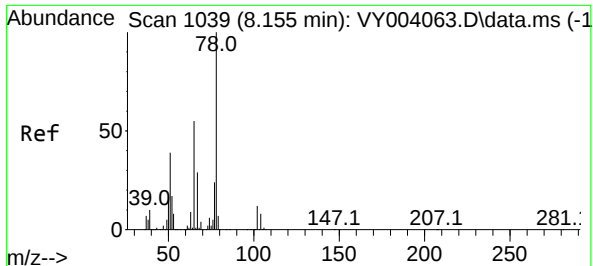
Ion Ratio Lower Upper

56 100

69 133.6 25.3 37.9#

84 124.6 67.3 100.9#

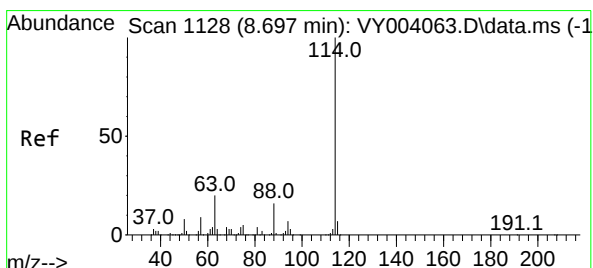
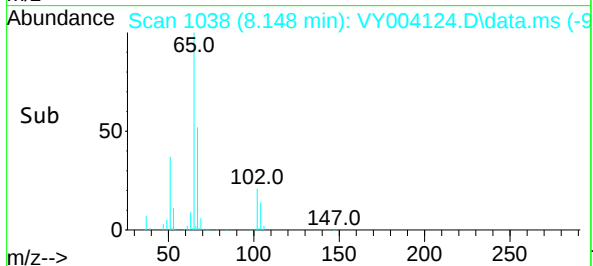
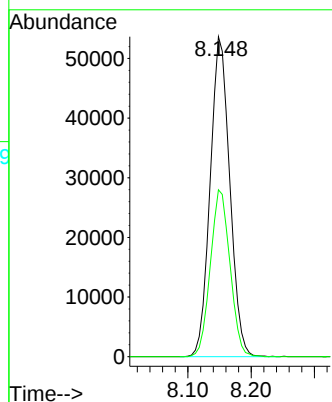
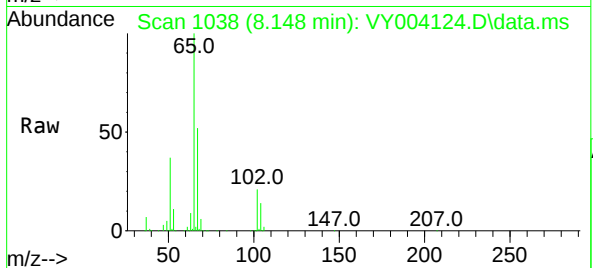




#33
1,2-Dichloroethane-d4
Concen: 60.56 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.007 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

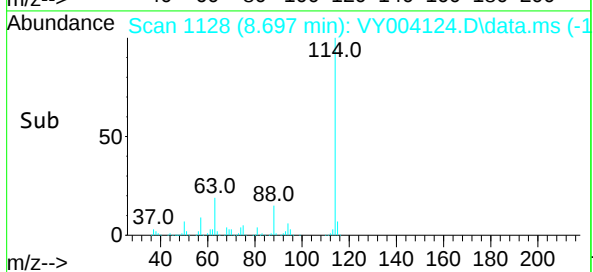
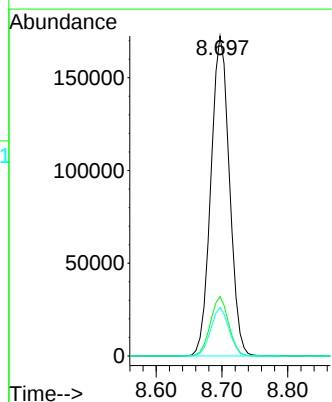
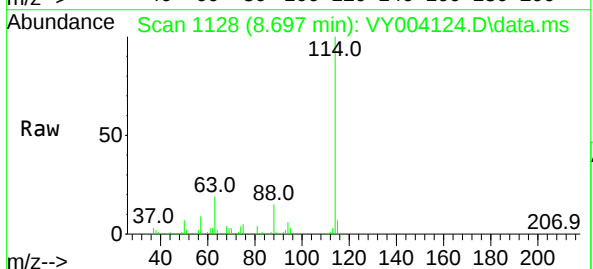
Instrument :
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BACKFILL-ASHCROFT-REAR-05

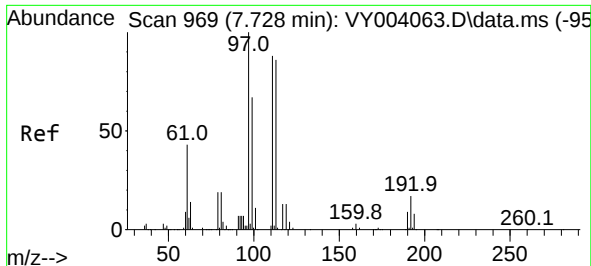
Tgt Ion: 65 Resp: 115237
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 114 Resp: 338178
Ion Ratio Lower Upper
114 100
63 18.5 0.0 41.6
88 15.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.53 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004124.D

Acq: 18 Mar 2021 16:10

Tgt Ion:113 Resp: 105900

Ion Ratio Lower Upper

113 100

111 102.3 83.2 124.8

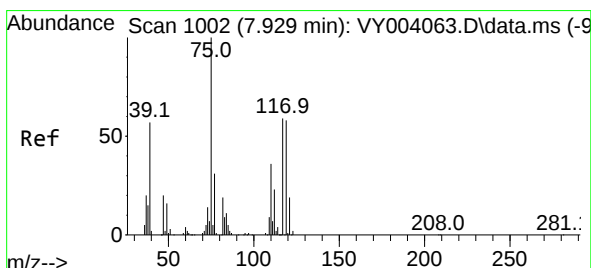
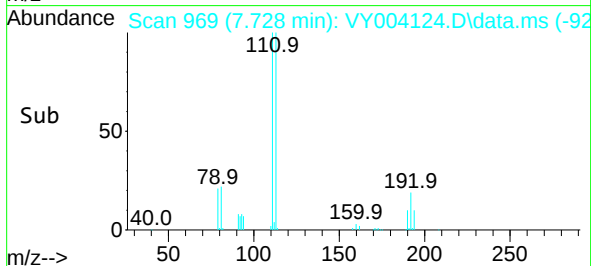
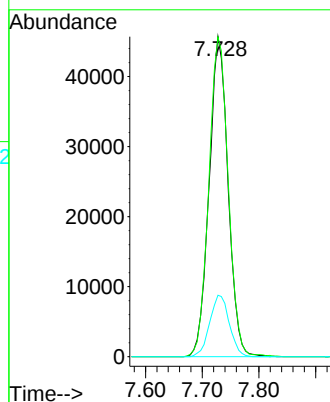
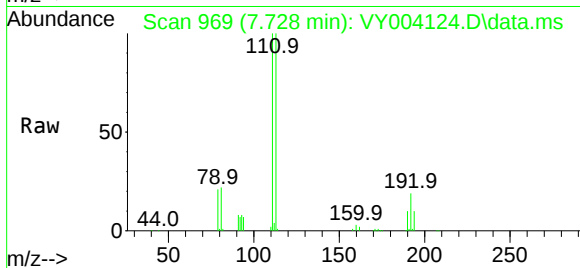
192 19.8 18.5 27.7

Instrument :

MSVOA_Y

ClientSampleId :

BACKFILL-ASHCROFT-REAR-05



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.128 min

Lab File: VY004124.D

Acq: 18 Mar 2021 16:10

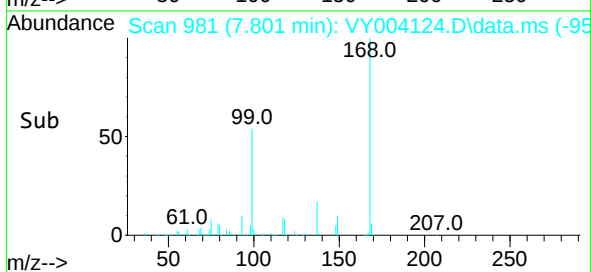
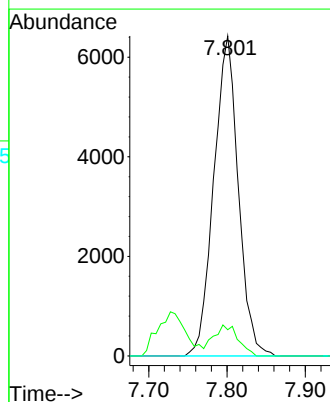
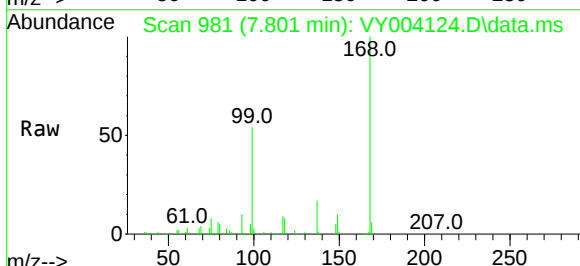
Tgt Ion: 75 Resp: 13956

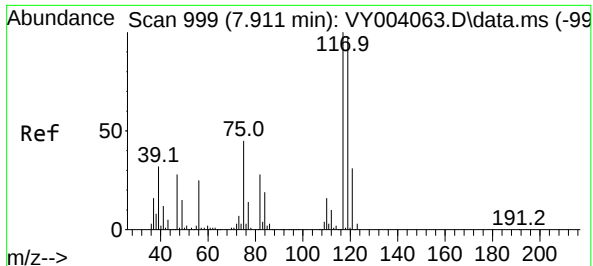
Ion Ratio Lower Upper

75 100

110 9.7 17.4 52.3#

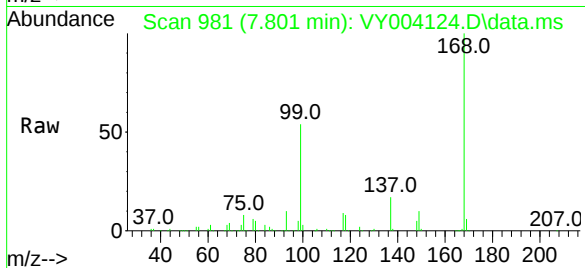
77 0.0 24.5 36.7#



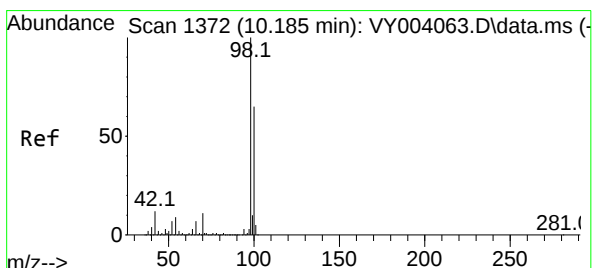
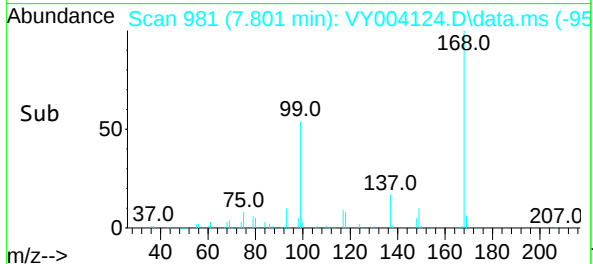
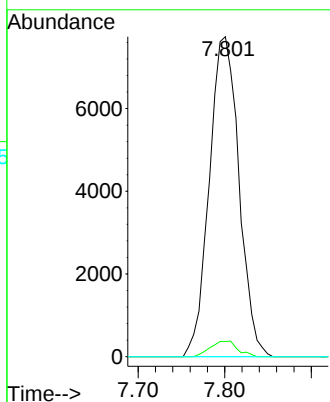


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

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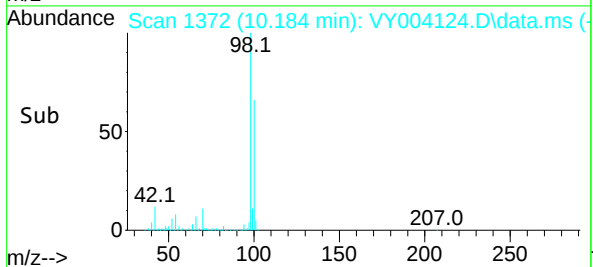
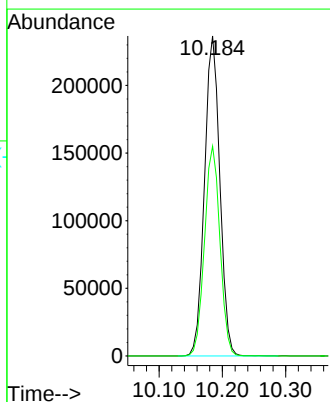
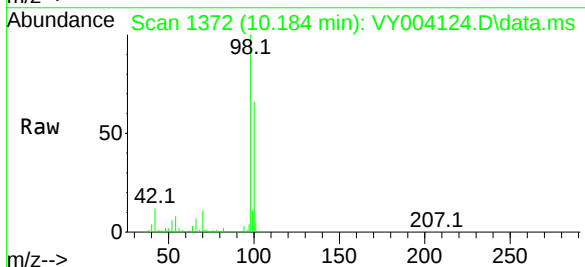


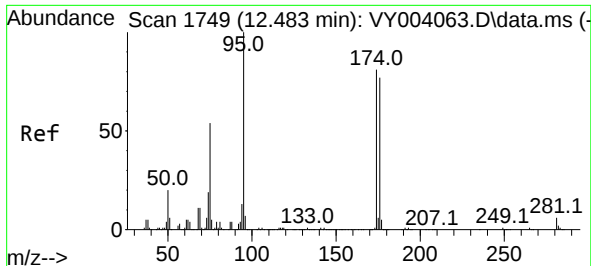
Tgt Ion:117 Resp: 18441
Ion Ratio Lower Upper
117 100
119 4.8 75.4 113.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.36 ug/l
RT: 10.184 min Scan# 1372
Delta R.T. -0.001 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 98 Resp: 398933
Ion Ratio Lower Upper
98 100
100 66.0 51.8 77.6

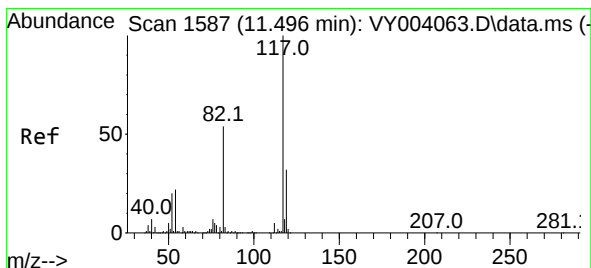
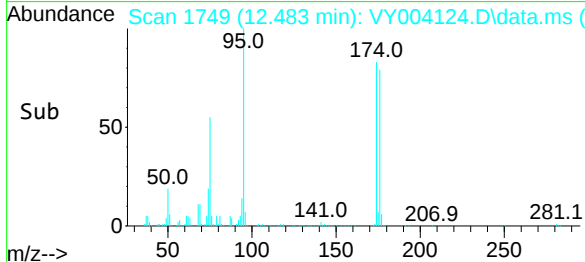
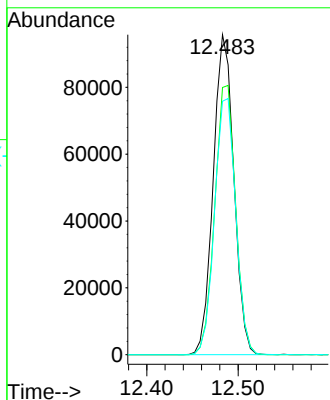
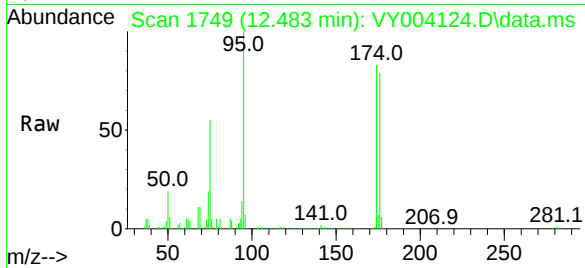




#62
4-Bromofluorobenzene
Concen: 54.26 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

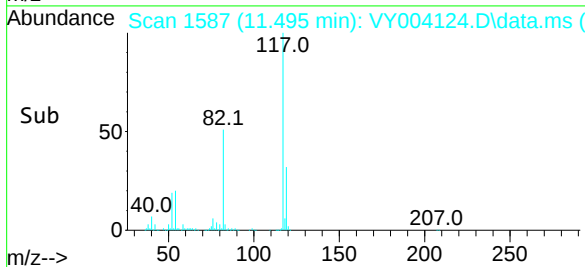
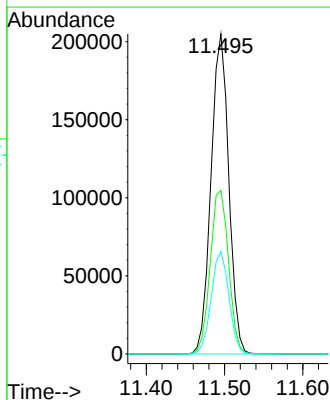
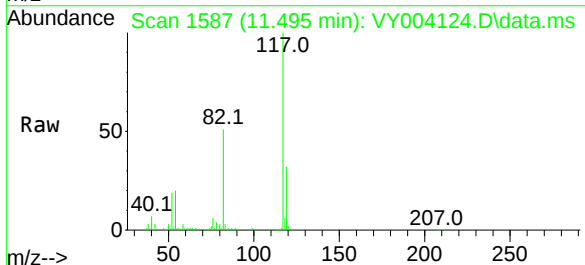
Instrument :
MSVOA_Y
ClientSampleId :
BACKFILL-ASHCROFT-REAR-05

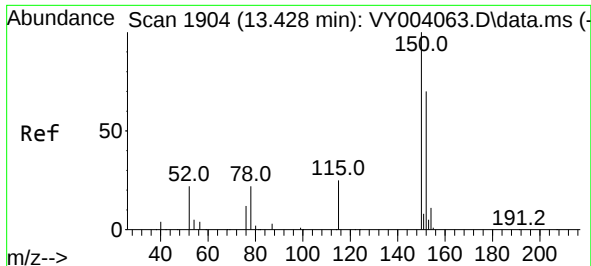
Tgt Ion: 95 Resp: 149819
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 82.5 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.001 min
Lab File: VY004124.D
Acq: 18 Mar 2021 16:10

Tgt Ion: 117 Resp: 322498
Ion Ratio Lower Upper
117 100
82 51.1 43.8 65.6
119 32.0 26.2 39.2

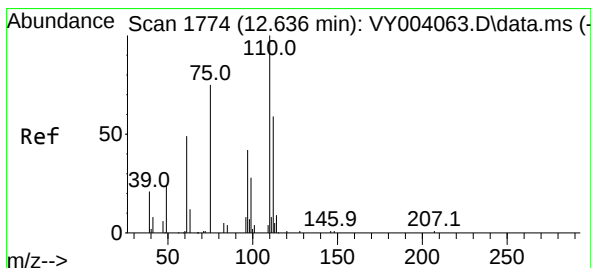
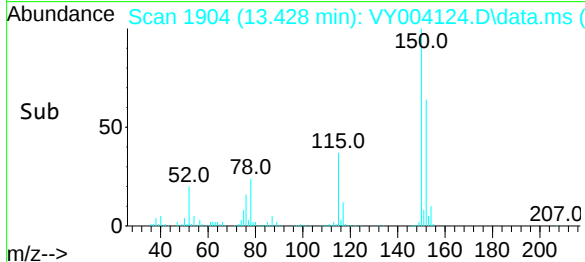
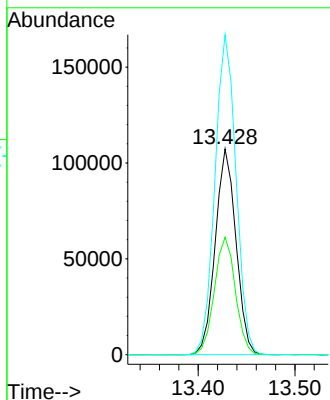
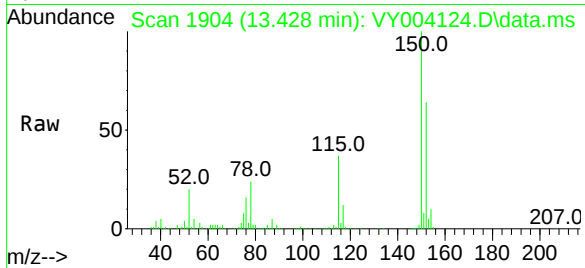




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004124.D
 Acq: 18 Mar 2021 16:10

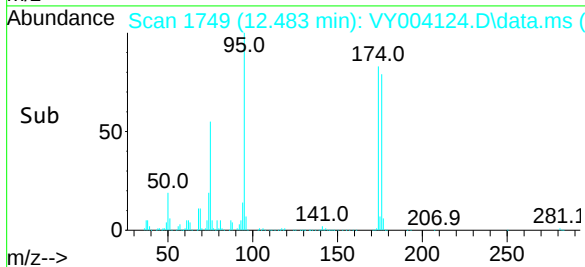
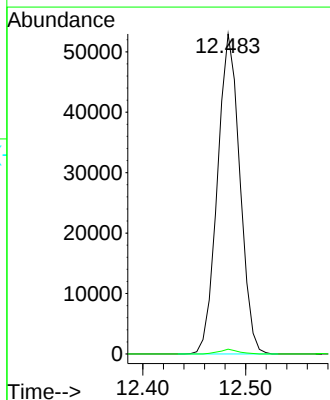
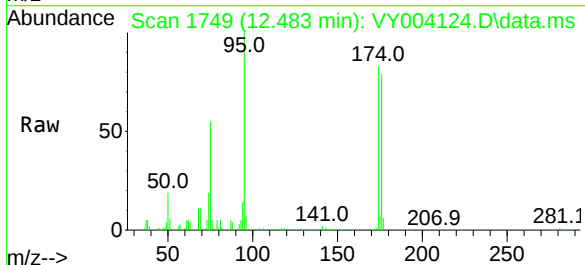
Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-05

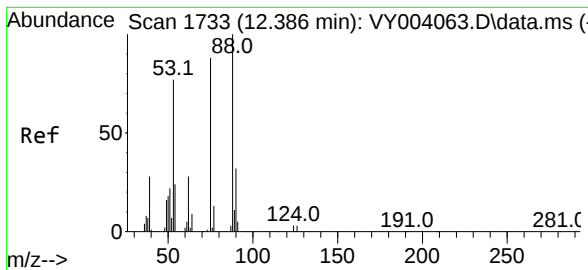
Tgt Ion:152 Resp: 159369
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.2 84.6
 150 158.6 0.0 347.2



#76
 1,2,3-Trichloropropane
 Concen: 52.38 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004124.D
 Acq: 18 Mar 2021 16:10

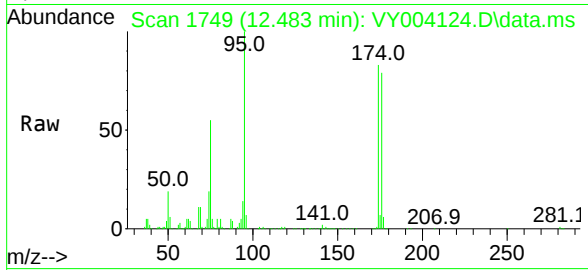
Tgt Ion: 75 Resp: 80035
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.37 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.097 min
 Lab File: VY004124.D
 Acq: 18 Mar 2021 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 BACKFILL-ASHCROFT-REAR-05



Tgt Ion: 75 Resp: 80035
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.5 110.3#
 89 0.1 35.7 53.5#

