

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020321\
 Data File : VY003968.D
 Acq On : 03 Feb 2021 18:38
 Operator : SY/MD
 Sample : M1291-04
 Misc : 9.59g/5mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-007-1015

Quant Time: Feb 04 01:22:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012821S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 01 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	85488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	145009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	140414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72010	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59870	63.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.38%
35) Dibromofluoromethane	7.728	113	47515	56.04	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.08%
50) Toluene-d8	10.185	98	176960	53.19	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.38%
62) 4-Bromofluorobenzene	12.483	95	66782	55.06	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.12%

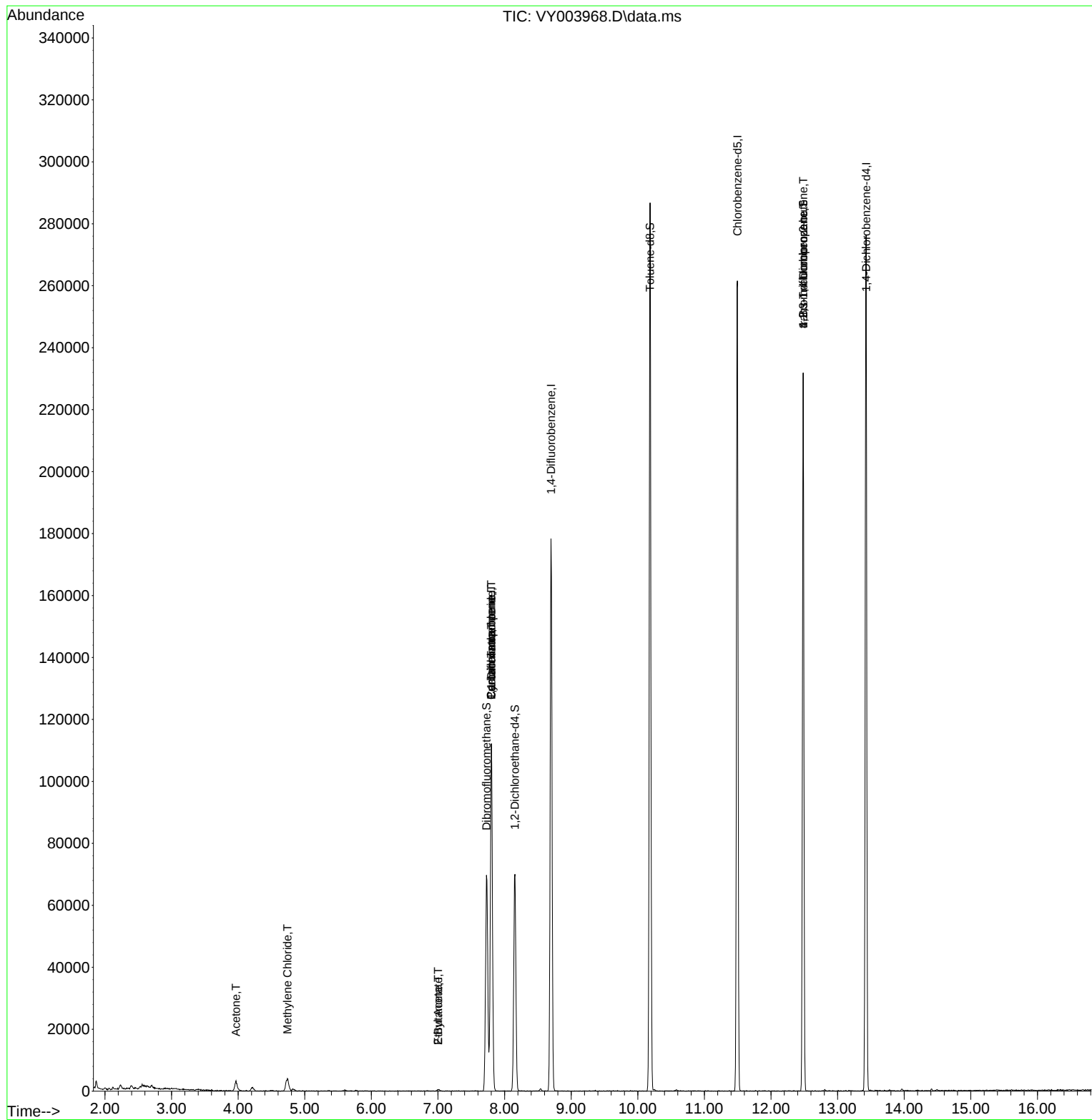
Target Compounds					Qvalue
11) Tert butyl alcohol	4.966	59	75	Below Cal	# 77
16) Acetone	3.966	43	5544	24.03 ug/l	# 88
20) Methylene Chloride	4.741	84	3180	3.25 ug/l	98
25) 2-Butanone	7.003	43	926	2.82 ug/l	96
31) Cyclohexane	7.801	56	1668	1.06 ug/l	# 11
36) 1,1-Dichloropropene	7.801	75	6504	4.43 ug/l	# 50
37) Ethyl Acetate	7.003	43	926	1.12 ug/l	# 71
38) Carbon Tetrachloride	7.801	117	7900	4.99 ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	36499	50.31 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	36499	96.16 ug/l	# 11

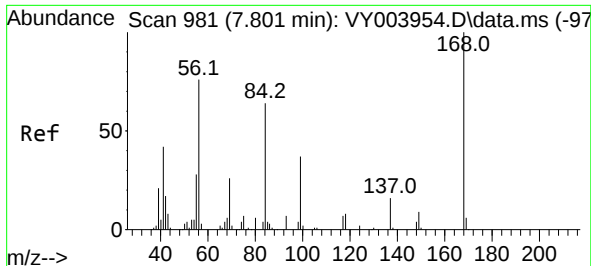
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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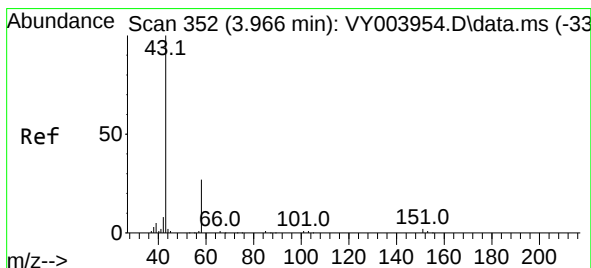
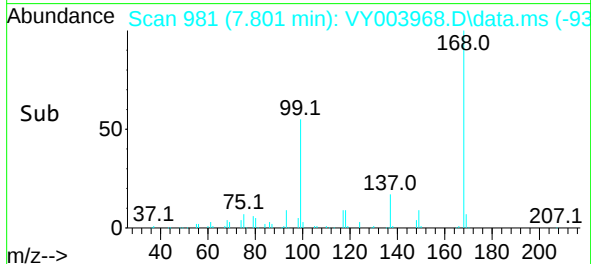
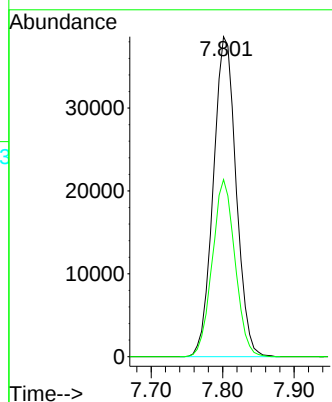
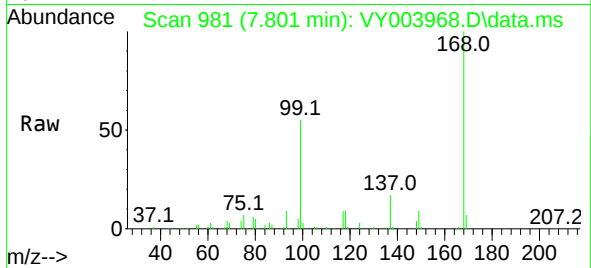




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

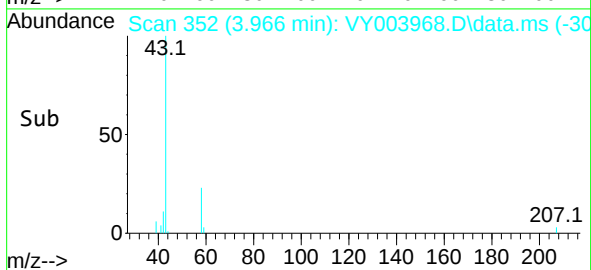
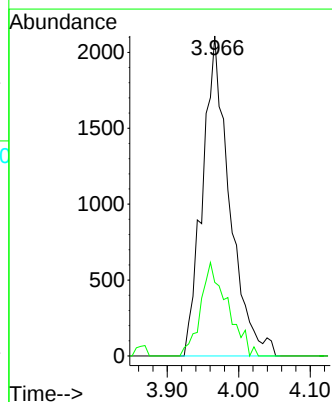
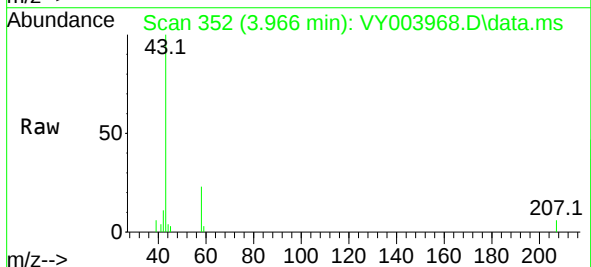
Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-1015

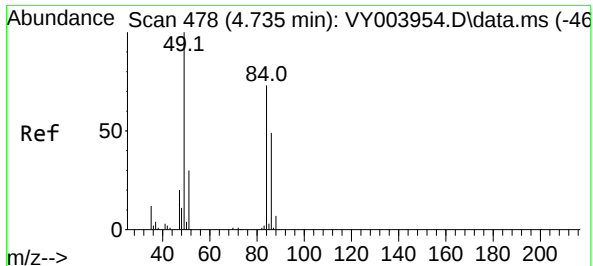
Tgt Ion:168 Resp: 85488
Ion Ratio Lower Upper
168 100
99 55.3 46.1 69.1



#16
Acetone
Concen: 24.03 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

Tgt Ion: 43 Resp: 5544
Ion Ratio Lower Upper
43 100
58 23.0 23.4 35.0#





#20

Methylene Chloride

Concen: 3.25 ug/l

RT: 4.741 min Scan# 479

Delta R.T. 0.006 min

Lab File: VY003968.D

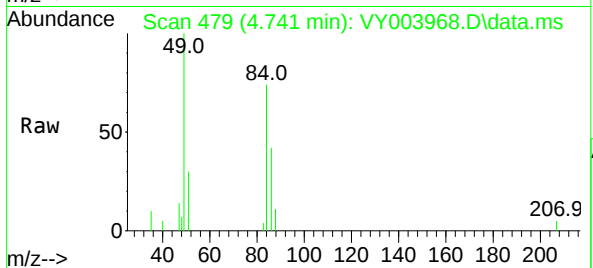
Acq: 03 Feb 2021 18:38

Instrument :

MSVOA_Y

ClientSampleId :

OU421-007-1015



Tgt Ion: 84 Resp: 3180

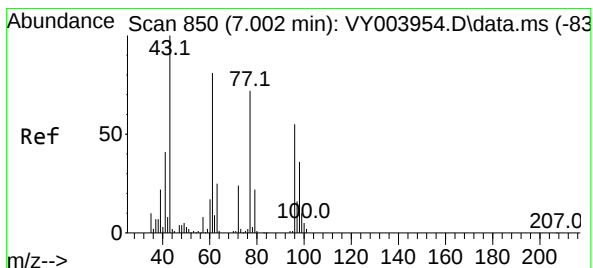
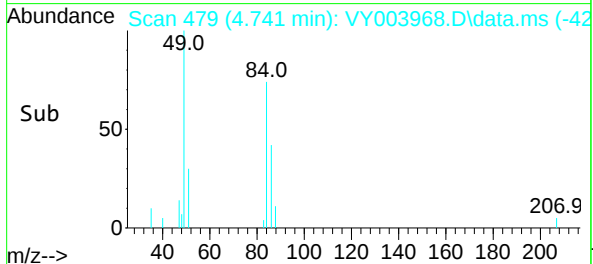
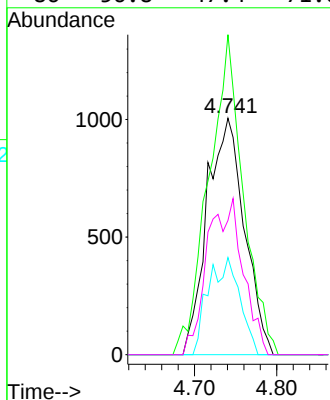
Ion Ratio Lower Upper

84 100

49 135.3 107.0 160.4

51 41.1 31.9 47.9

86 56.8 47.4 71.0



#25

2-Butanone

Concen: 2.82 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY003968.D

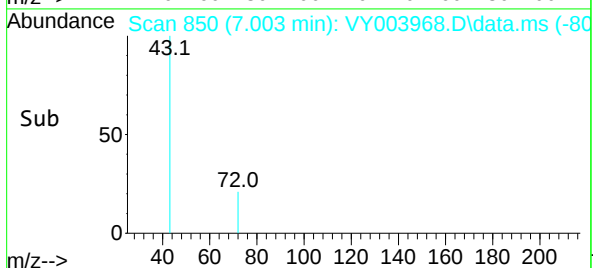
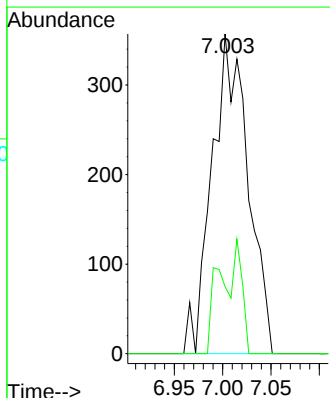
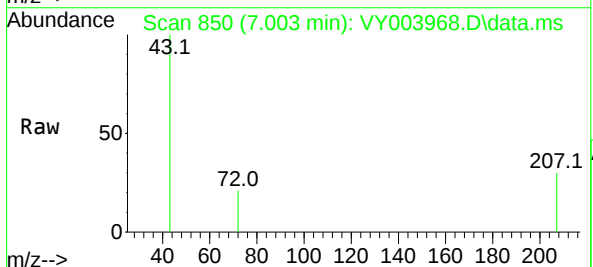
Acq: 03 Feb 2021 18:38

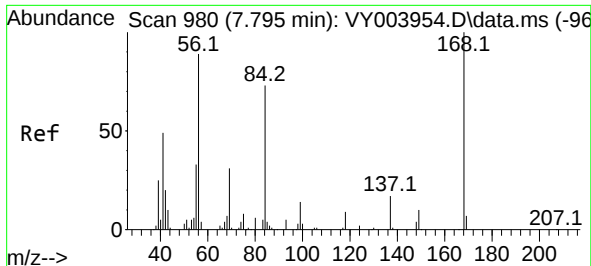
Tgt Ion: 43 Resp: 926

Ion Ratio Lower Upper

43 100

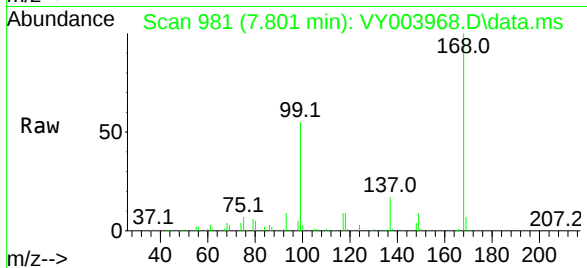
72 21.0 18.5 27.7



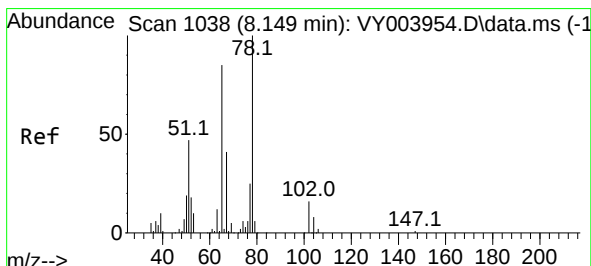
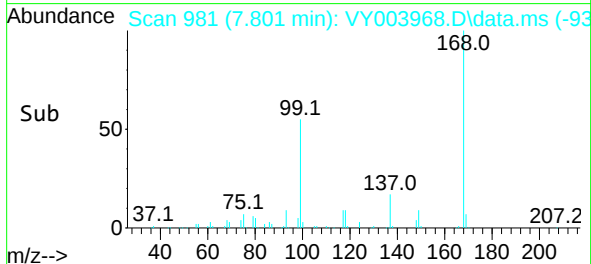
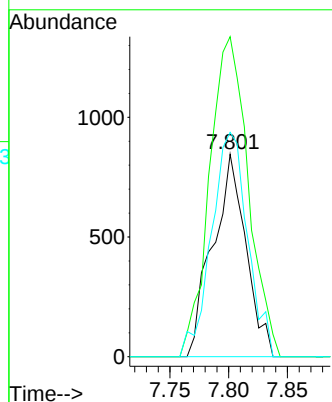


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-1015

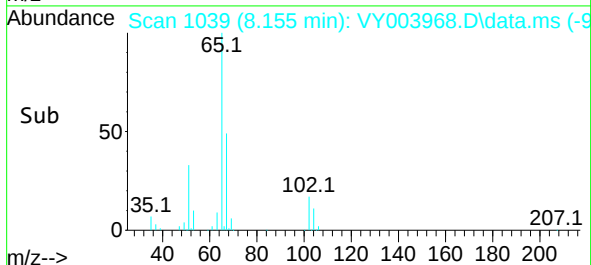
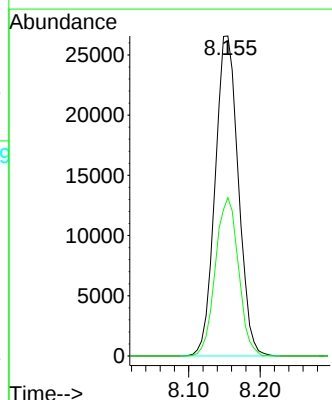
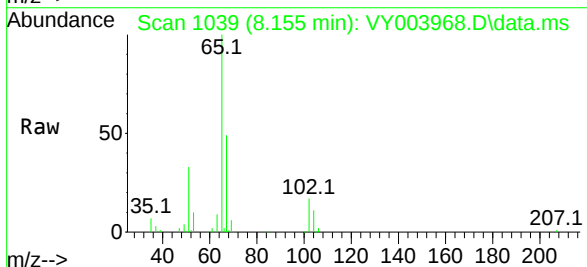


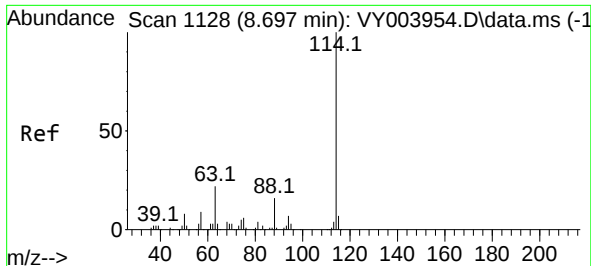
Tgt Ion: 56 Resp: 1668
Ion Ratio Lower Upper
56 100
69 158.0 25.0 37.4#
84 110.8 64.5 96.7#



#33
1,2-Dichloroethane-d4
Concen: 63.69 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

Tgt Ion: 65 Resp: 59870
Ion Ratio Lower Upper
65 100
67 49.1 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY003968.D

Acq: 03 Feb 2021 18:38

Tgt Ion:114 Resp: 145009

Ion Ratio Lower Upper

114 100

63 21.4 0.0 47.2

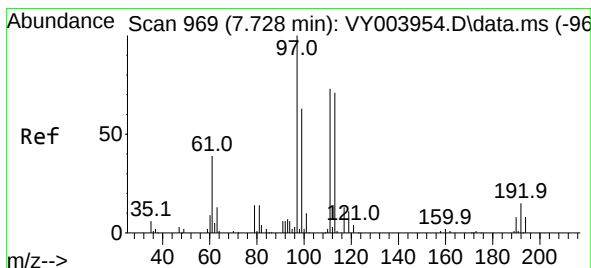
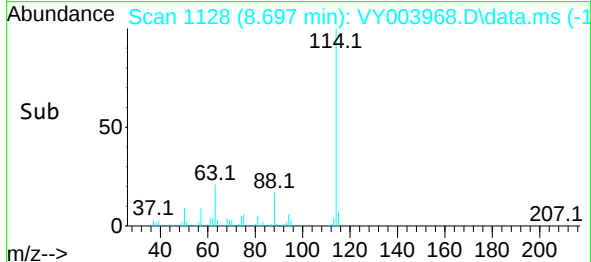
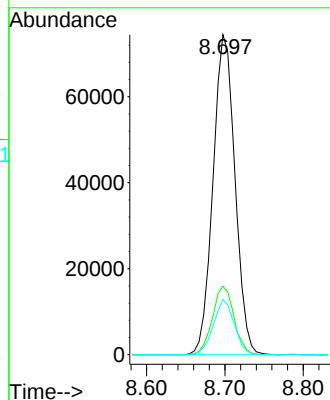
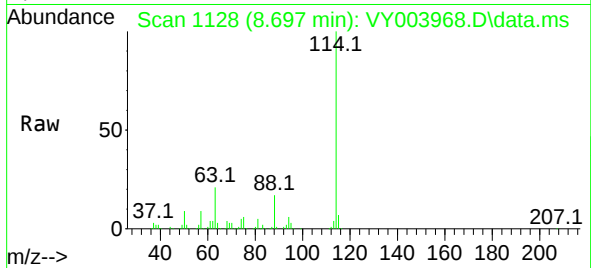
88 17.3 0.0 30.2

Instrument :

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#35

Dibromofluoromethane

Concen: 56.04 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY003968.D

Acq: 03 Feb 2021 18:38

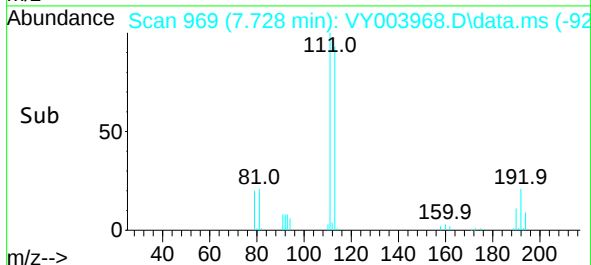
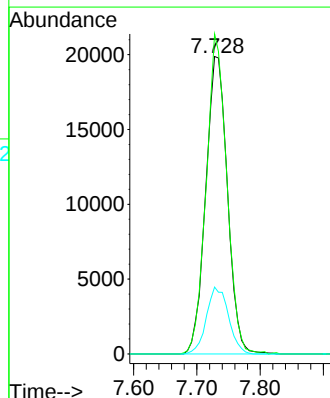
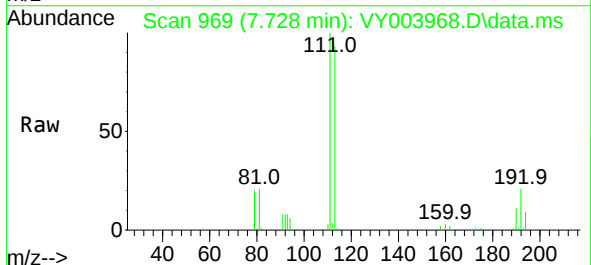
Tgt Ion:113 Resp: 47515

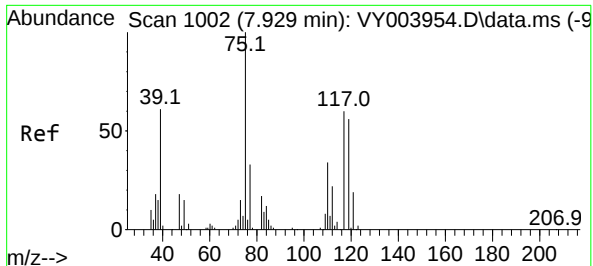
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

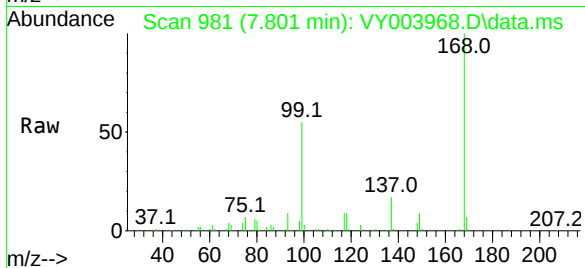
192 22.8 18.3 27.5



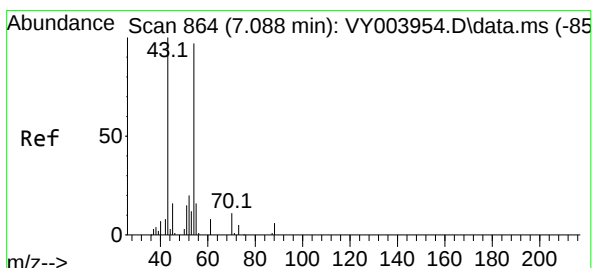
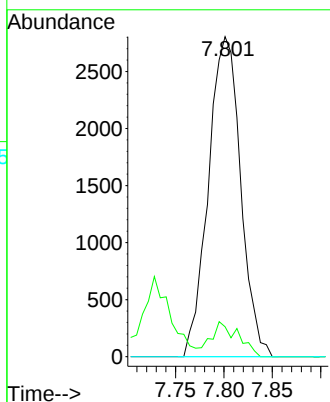
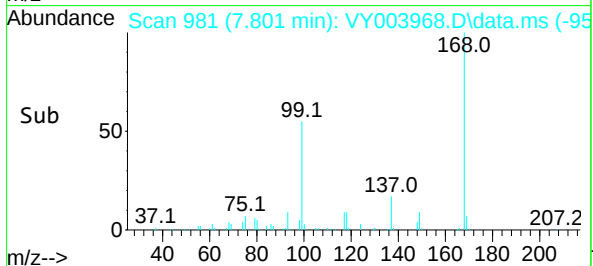


#36
1,1-Dichloropropene
Concen: 4.43 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

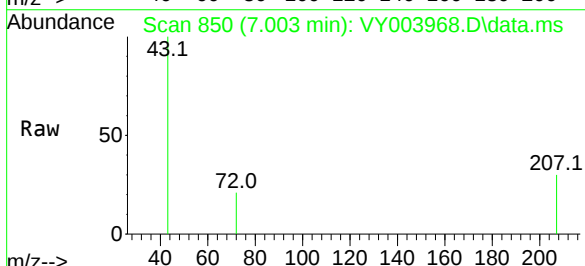
Instrument :
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OU421-007-1015



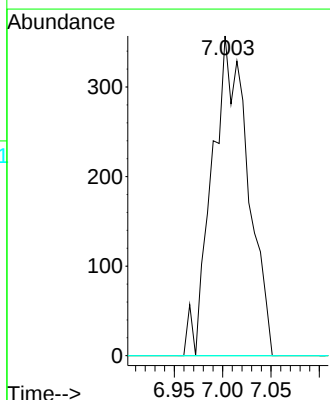
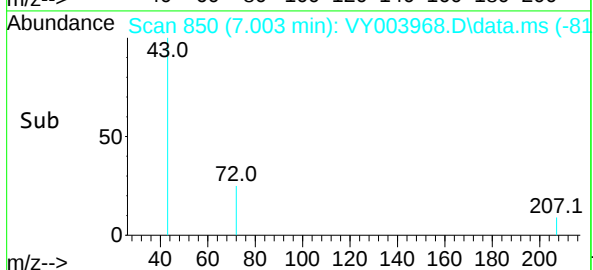
Tgt Ion: 75 Resp: 6504
Ion Ratio Lower Upper
75 100
110 9.4 17.9 53.8#
77 0.0 24.8 37.2#

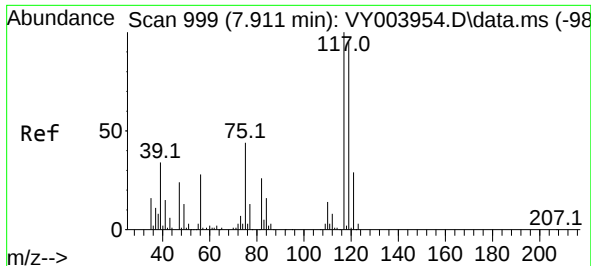


#37
Ethyl Acetate
Concen: 1.12 ug/l
RT: 7.003 min Scan# 850
Delta R.T. -0.085 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38



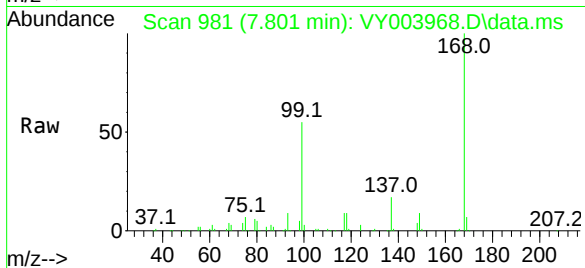
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
61 0.0 9.5 14.3#
70 0.0 7.7 11.5#



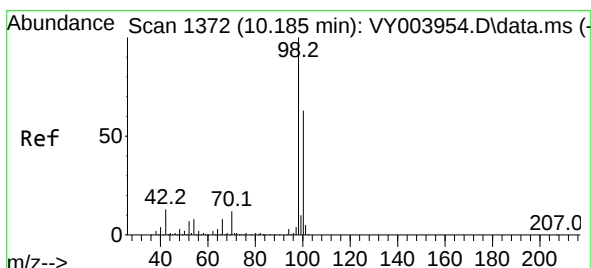
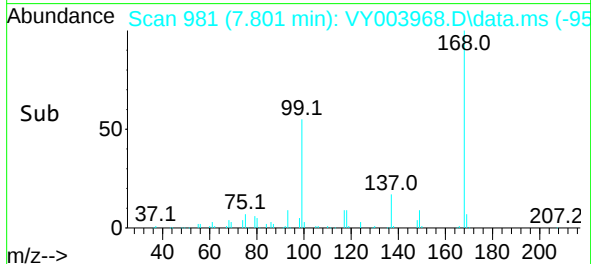
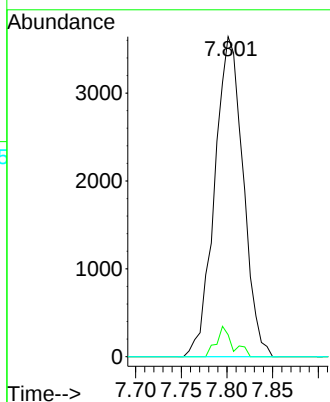


#38
Carbon Tetrachloride
Concen: 4.99 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

Instrument :
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ClientSampleId :
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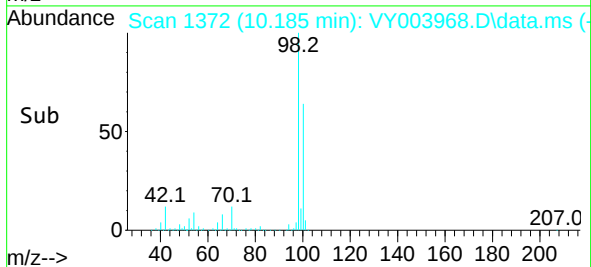
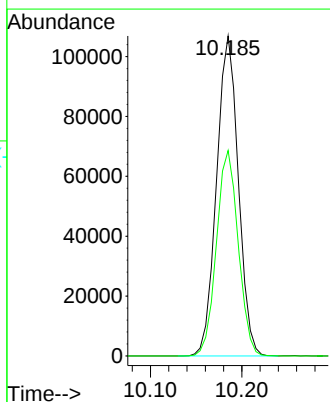
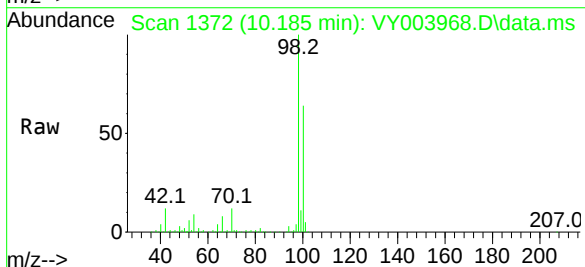


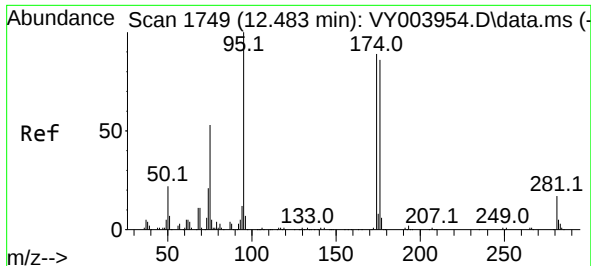
Tgt Ion: 117 Resp: 7900
Ion Ratio Lower Upper
117 100
119 6.9 77.4 116.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.19 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

Tgt Ion: 98 Resp: 176960
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

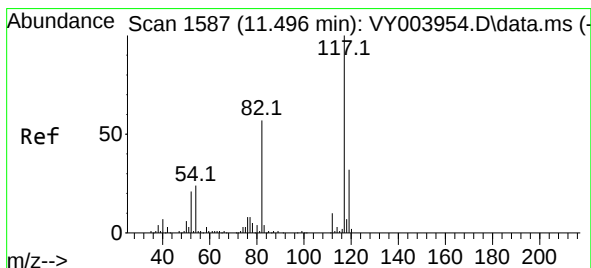
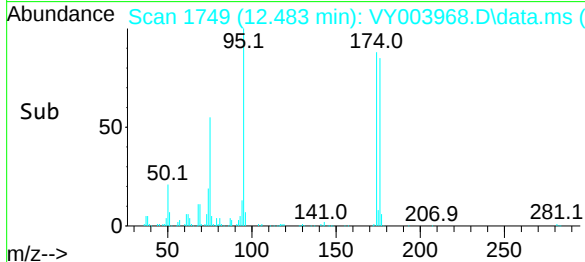
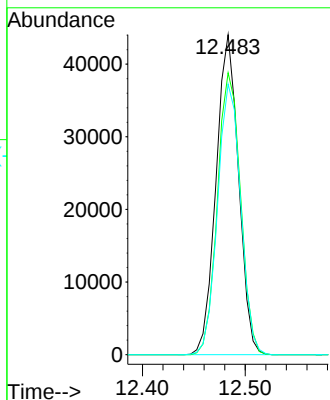
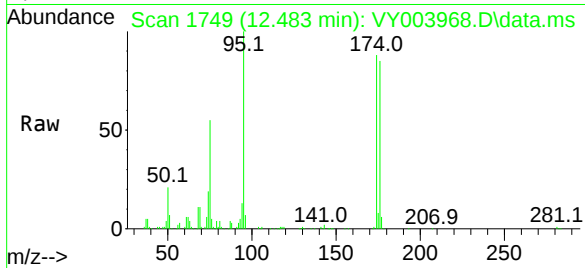




#62
4-Bromofluorobenzene
Concen: 55.06 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

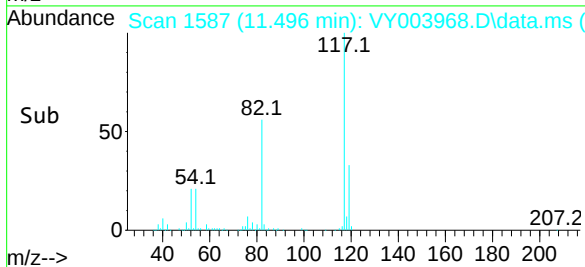
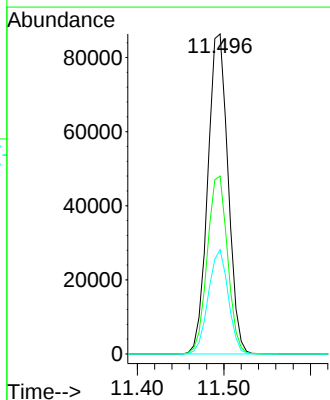
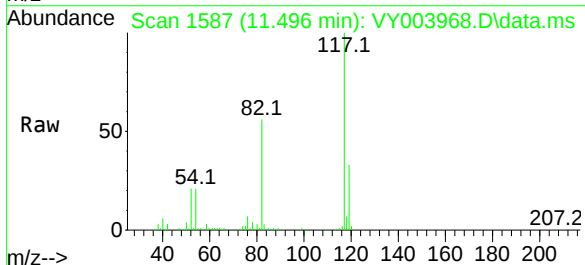
Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-1015

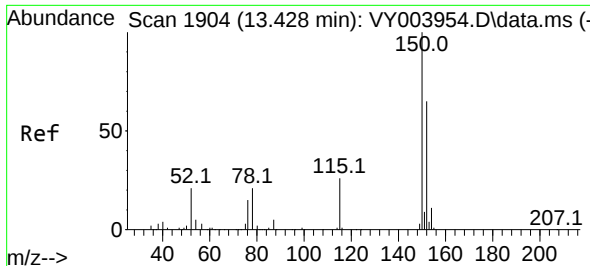
Tgt Ion: 95 Resp: 66782
Ion Ratio Lower Upper
95 100
174 90.3 0.0 184.4
176 86.9 0.0 177.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

Tgt Ion: 117 Resp: 140414
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.5 25.0 37.6

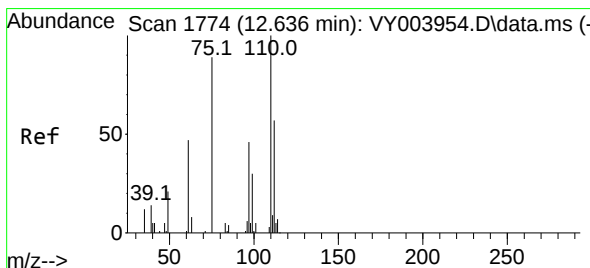
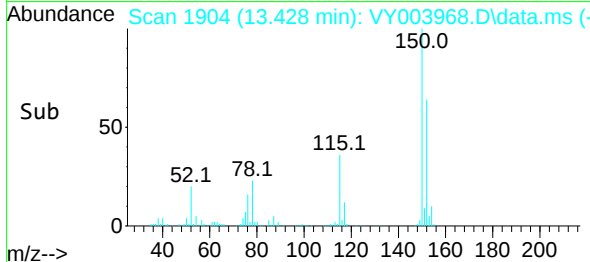
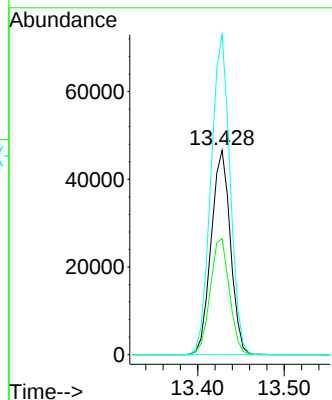
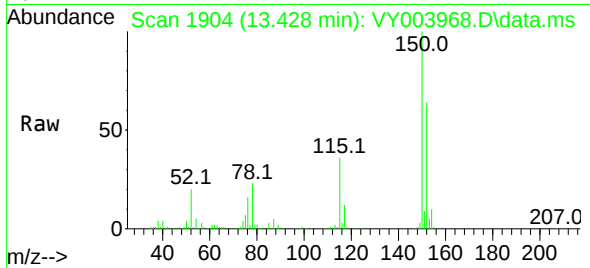




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

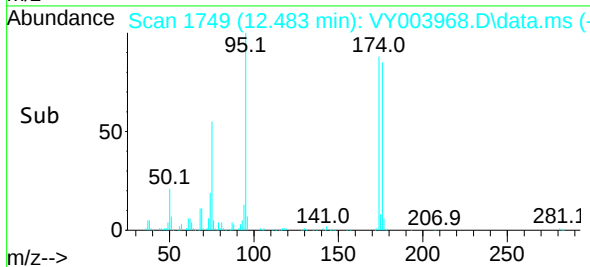
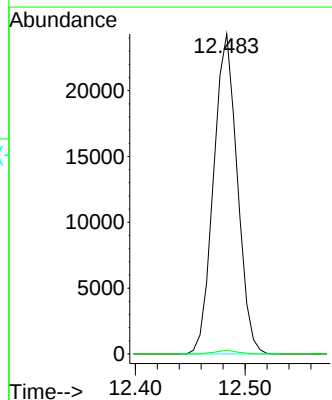
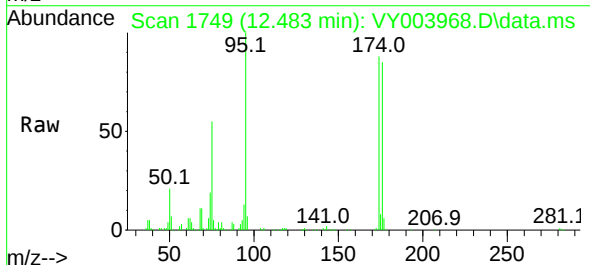
Instrument :
MSVOA_Y
ClientSampleId :
OU421-007-1015

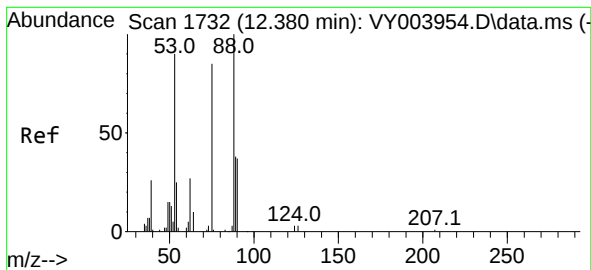
Tgt Ion:152 Resp: 72010
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.6
150 155.5 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 50.31 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY003968.D
Acq: 03 Feb 2021 18:38

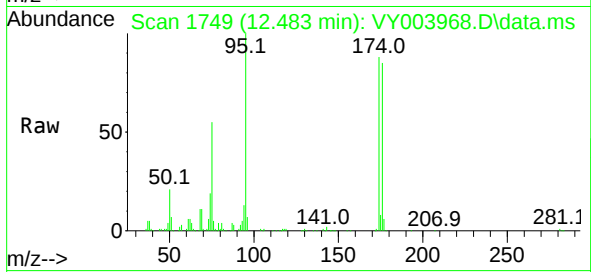
Tgt Ion: 75 Resp: 36499
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.16 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY003968.D
 Acq: 03 Feb 2021 18:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU421-007-1015



Tgt Ion: 75 Resp: 36499
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.2 117.2#
 89 0.0 34.8 52.2#

