

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007371.D
 Acq On : 03 Feb 2022 12:12
 Operator : SY/MD
 Sample : N1381-04
 Misc : 6.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

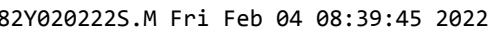
Quant Time: Feb 04 08:39:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

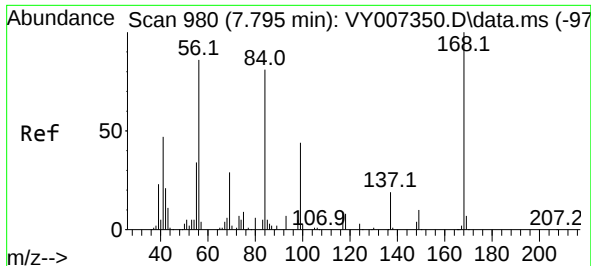
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	103512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	182153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	77118	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65437	54.959	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.920%	
35) Dibromofluoromethane	7.716	113	63608	51.392	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.780%	
50) Toluene-d8	10.179	98	235704	51.546	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.477	95	85340	54.909	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.820%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	1127	Below Cal	#	87
11) Tert butyl alcohol	4.936	59	96	Below Cal	#	77
16) Acetone	3.942	43	3588	9.279	ug/l	91
17) Carbon Disulfide	4.198	76	6409	1.694	ug/l	95
18) Methyl Acetate	4.485	43	1064	1.469	ug/l #	78
20) Methylene Chloride	4.704	84	1026	Below Cal	#	77
31) Cyclohexane	7.789	56	2544	1.095	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8948	4.135	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11135	4.898	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	1082	1.060	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	51777	56.476	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	51777	113.146	ug/l #	9

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
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QLast Update : Thu Feb 03 04:36:48 2022
Response via : Initial Calibration

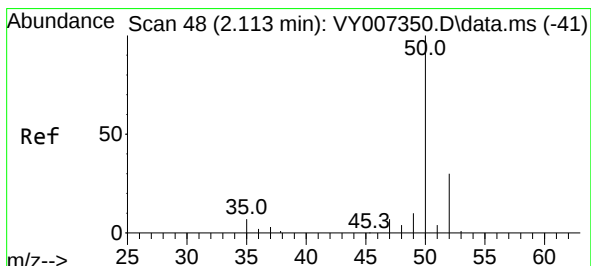
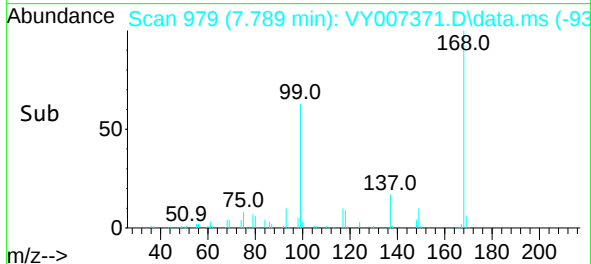
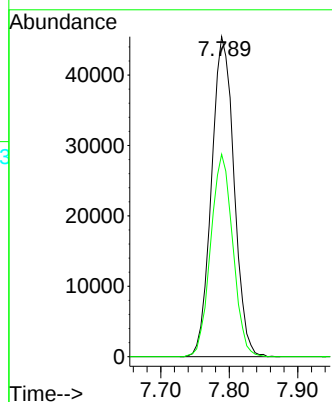
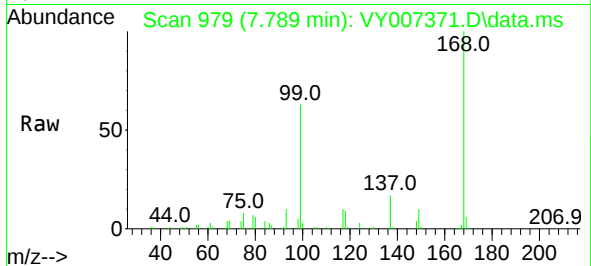




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

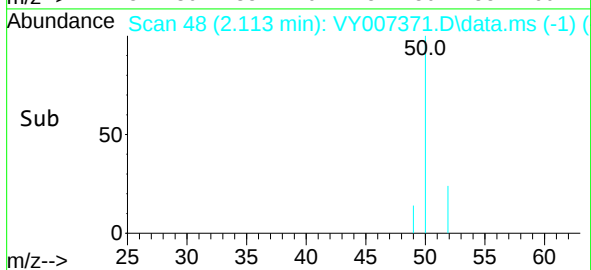
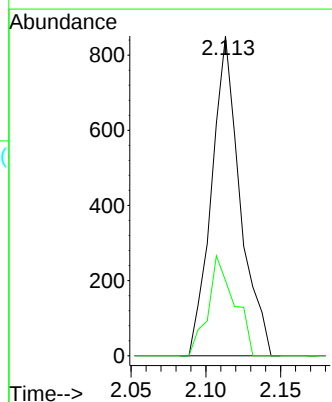
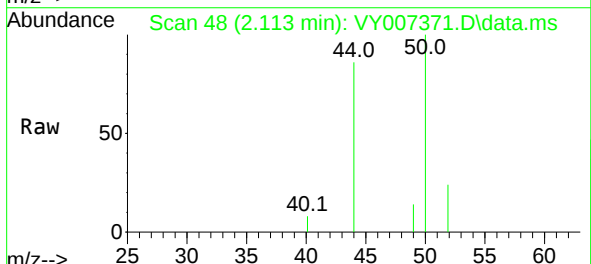
Instrument :
MSVOA_Y
ClientSampleId :

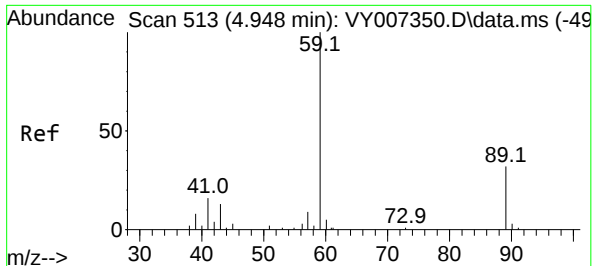
Tgt Ion:168 Resp: 103512
Ion Ratio Lower Upper
168 100
99 63.2 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Tgt Ion: 50 Resp: 1127
Ion Ratio Lower Upper
50 100
52 23.5 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.936 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

Instrument :

MSVOA_Y

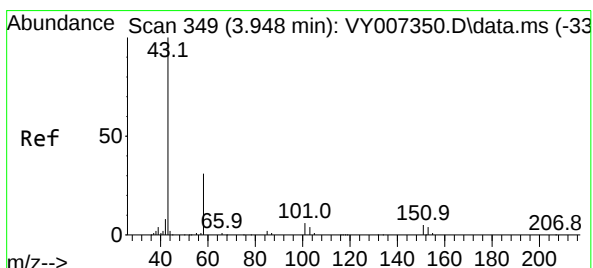
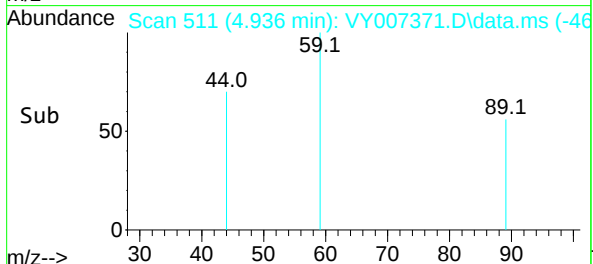
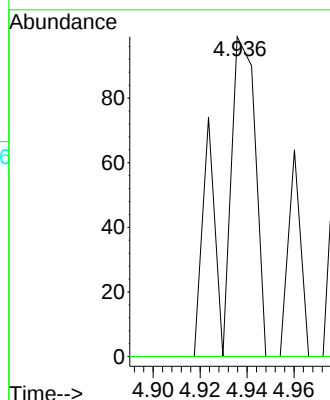
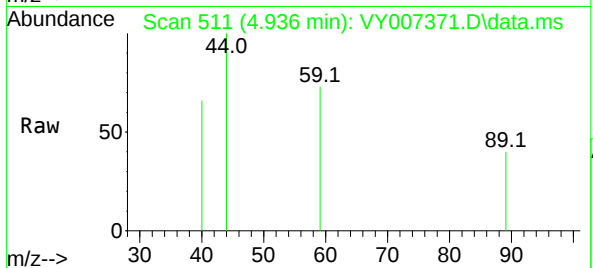
ClientSampleId :

Tgt Ion: 59 Resp: 96

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 9.279 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY007371.D

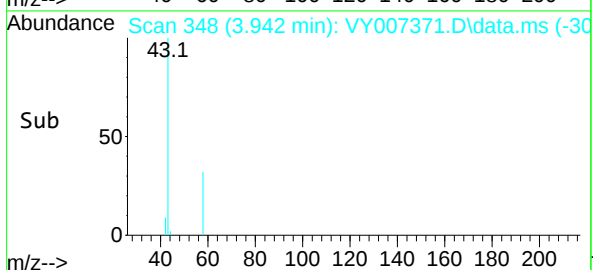
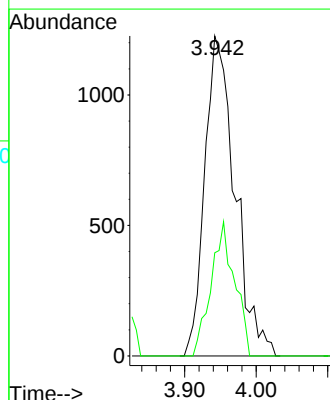
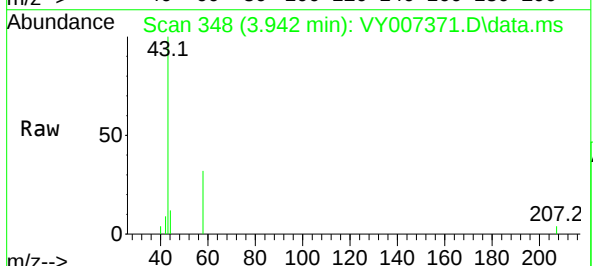
Acq: 03 Feb 2022 12:12

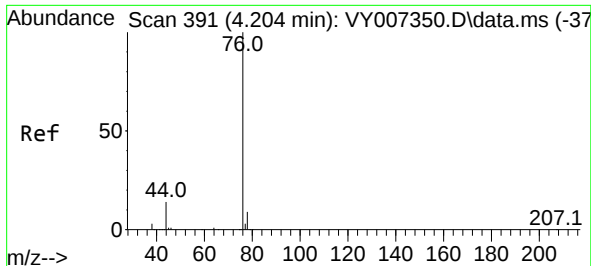
Tgt Ion: 43 Resp: 3588

Ion Ratio Lower Upper

43 100

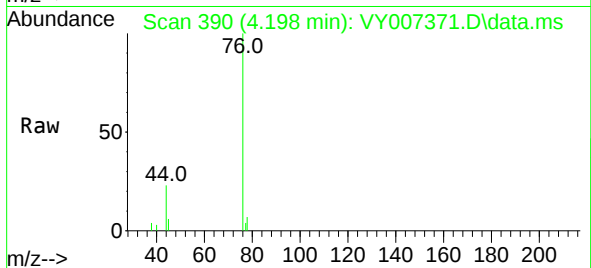
58 32.2 22.0 33.0



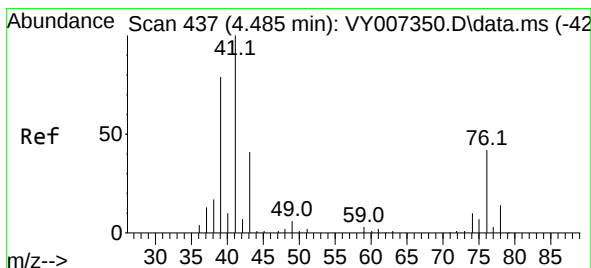
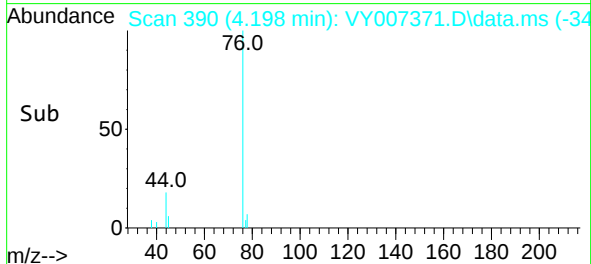
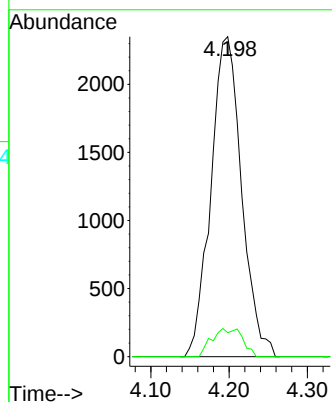


#17
Carbon Disulfide
Concen: 1.694 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Instrument :
MSVOA_Y
ClientSampleId :

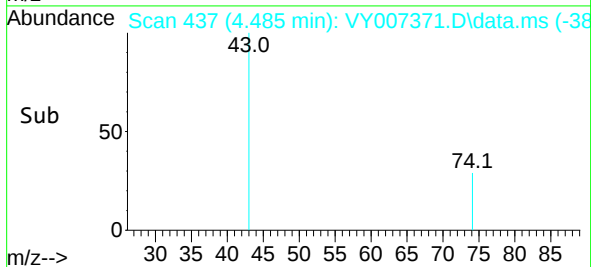
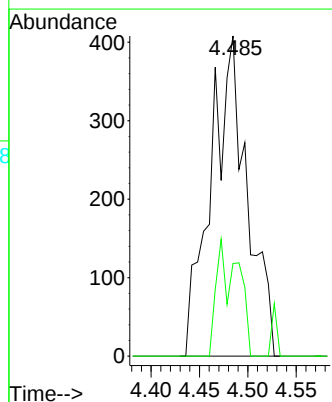
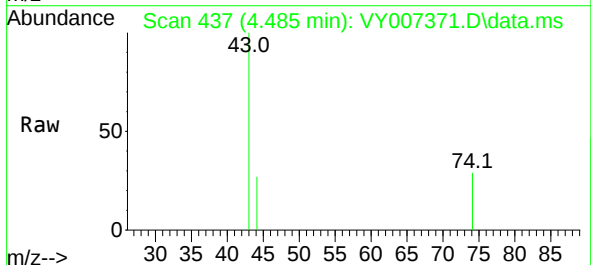


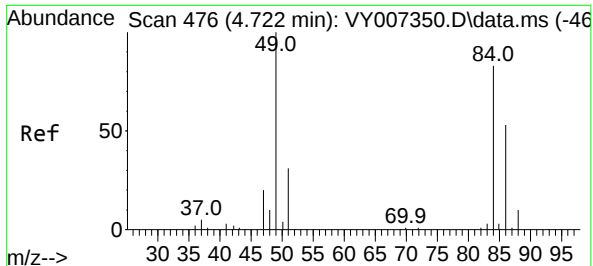
Tgt Ion: 76 Resp: 6409
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0



#18
Methyl Acetate
Concen: 1.469 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Tgt Ion: 43 Resp: 1064
Ion Ratio Lower Upper
43 100
74 10.3 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 41

Delta R.T. -0.018 min

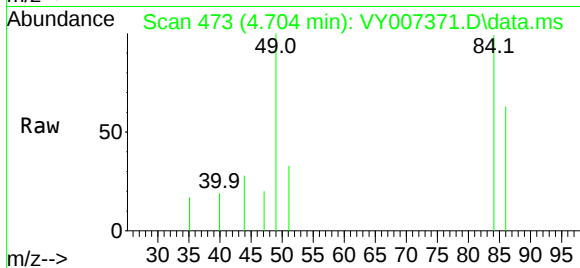
Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 1026

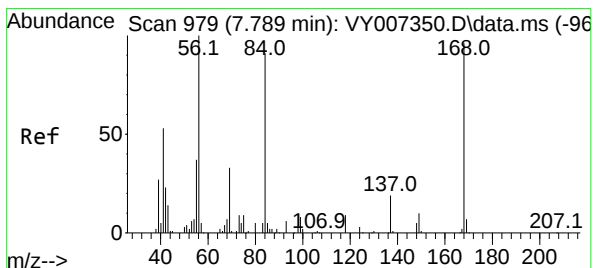
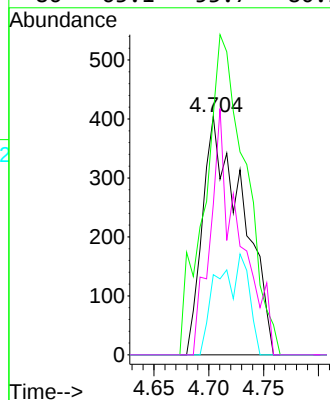
Ion Ratio Lower Upper

84 100

49 100.7 114.4 171.6#

51 33.7 35.3 52.9#

86 63.1 53.7 80.5



#31

Cyclohexane

Concen: 1.095 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

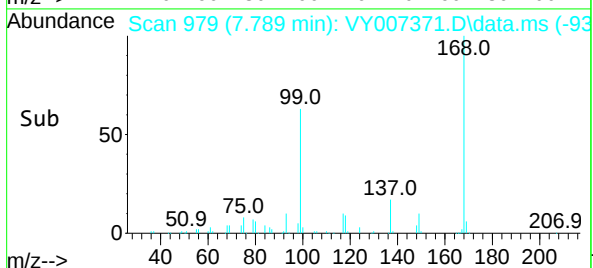
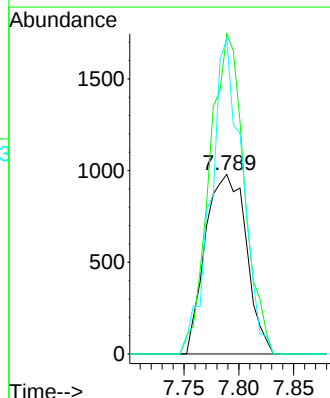
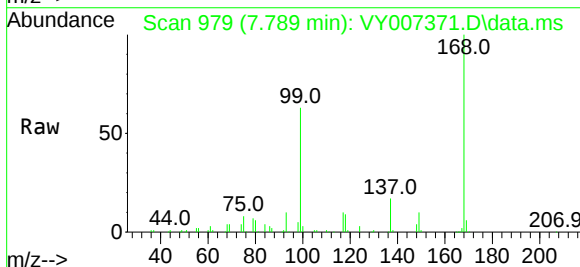
Tgt Ion: 56 Resp: 2544

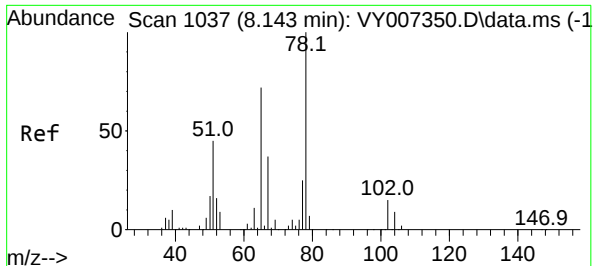
Ion Ratio Lower Upper

56 100

69 178.2 26.7 40.1#

84 175.7 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.959 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

Instrument :

MSVOA_Y

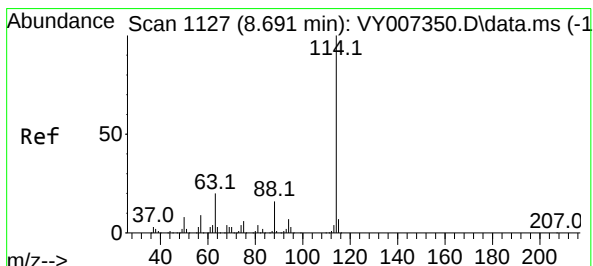
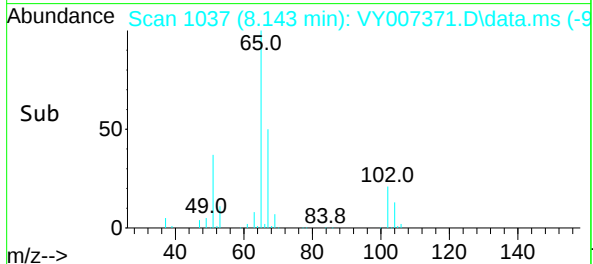
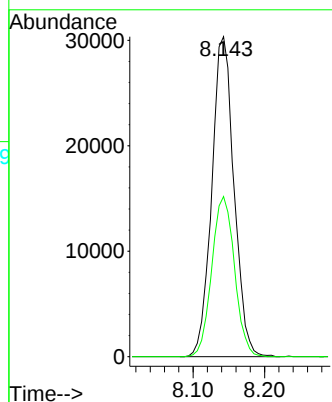
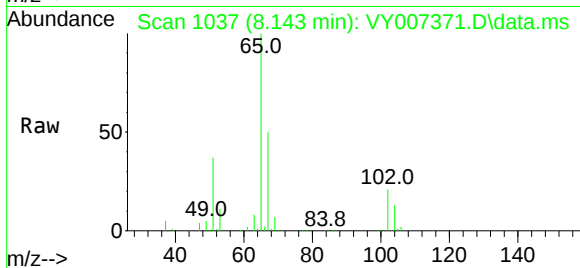
ClientSampleId :

Tgt Ion: 65 Resp: 65437

Ion Ratio Lower Upper

65 100

67 51.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

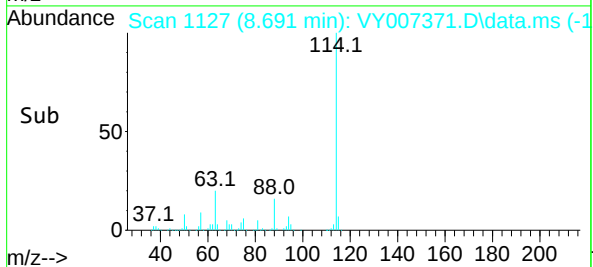
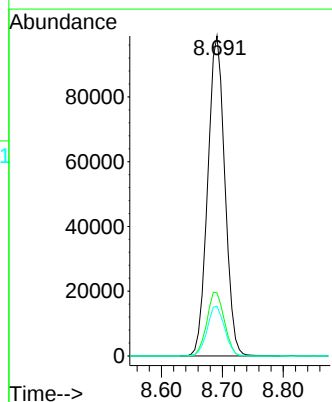
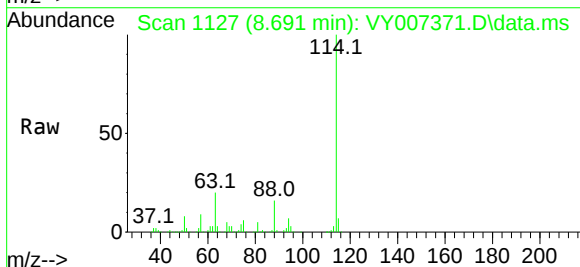
Tgt Ion: 114 Resp: 192747

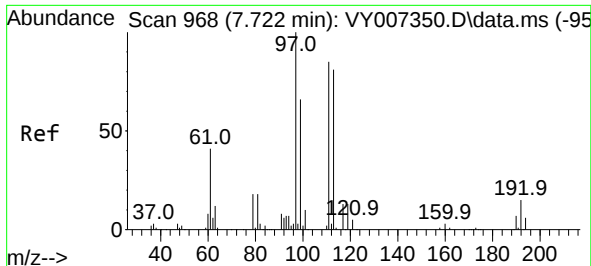
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.392 ug/l

RT: 7.716 min Scan# 91

Delta R.T. -0.006 min

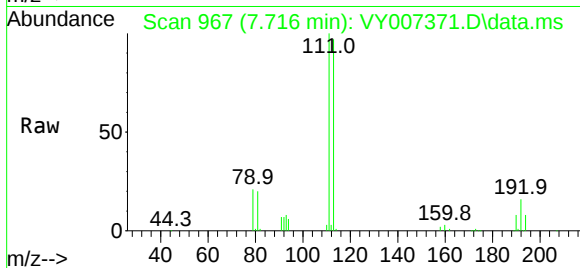
Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

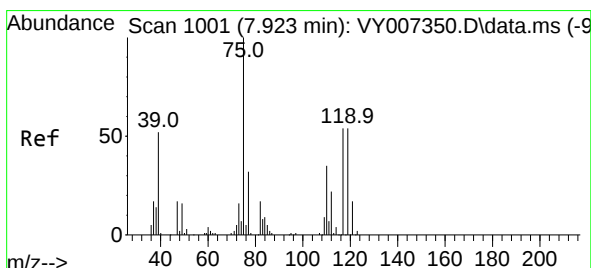
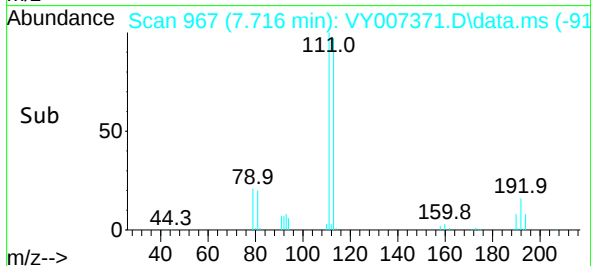
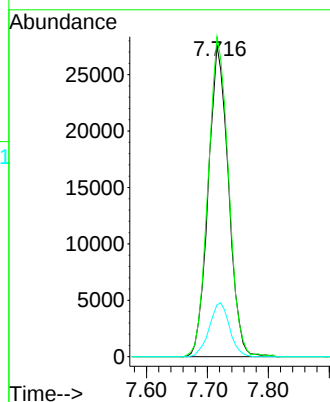
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	113	Resp:	63608
Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.6	124.0
192	17.4	17.6	26.4#



#36

1,1-Dichloropropene

Concen: 4.135 ug/l

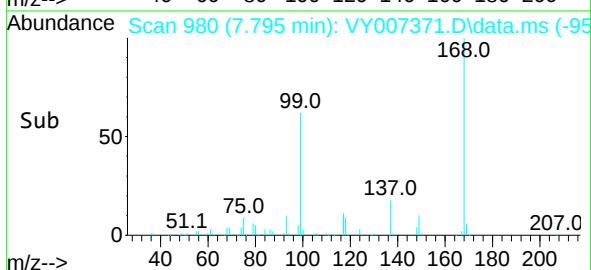
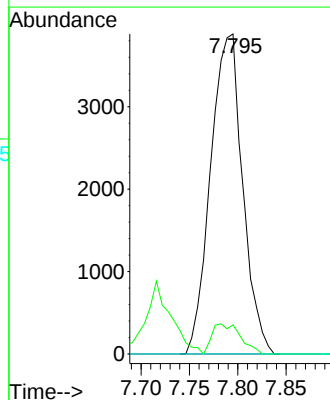
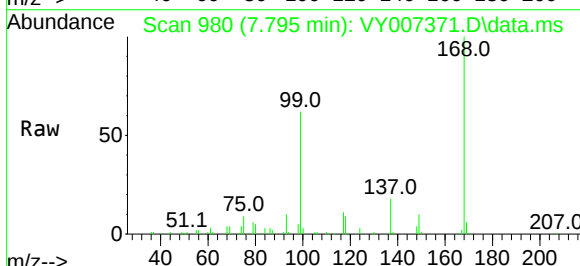
RT: 7.795 min Scan# 980

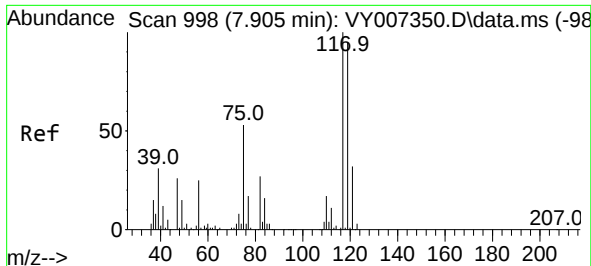
Delta R.T. -0.128 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

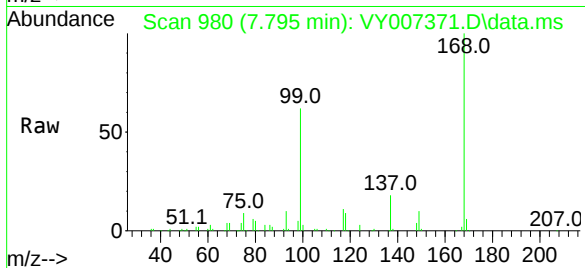
Tgt Ion:	75	Resp:	8948
Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.1	51.2#
77	0.0	24.4	36.6#



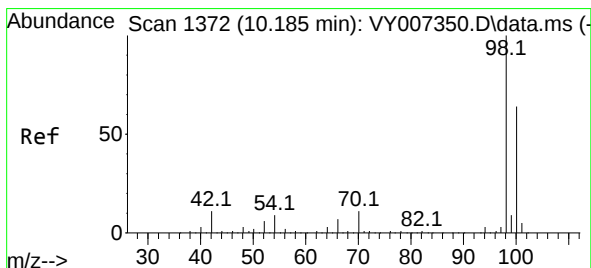
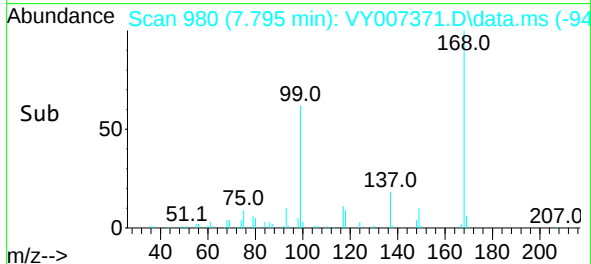
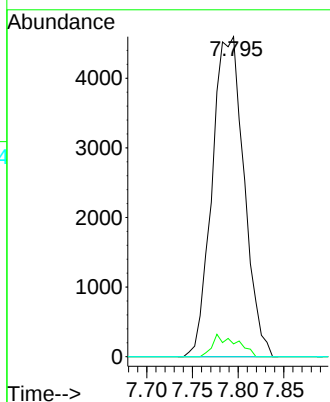


#38
Carbon Tetrachloride
Concen: 4.898 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Instrument :
MSVOA_Y
ClientSampleId :

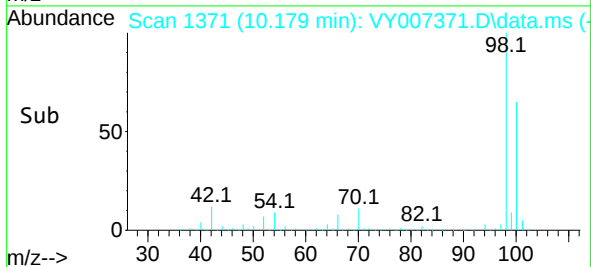
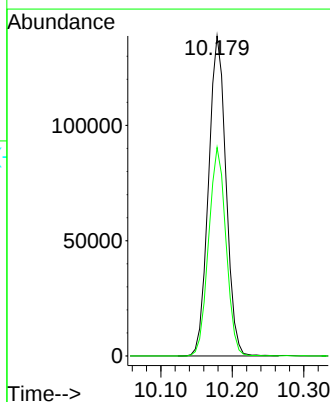
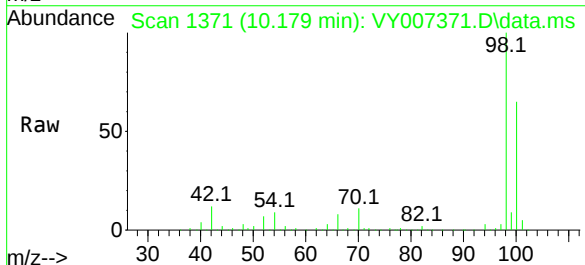


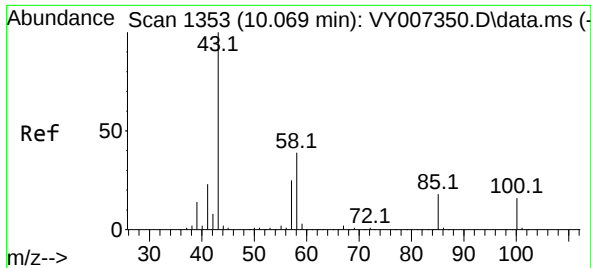
Tgt Ion:117 Resp: 11135
Ion Ratio Lower Upper
117 100
119 4.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.546 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Tgt Ion: 98 Resp: 235704
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

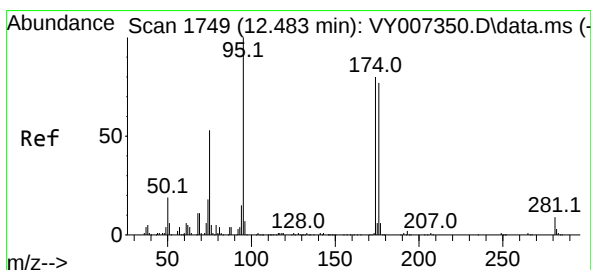
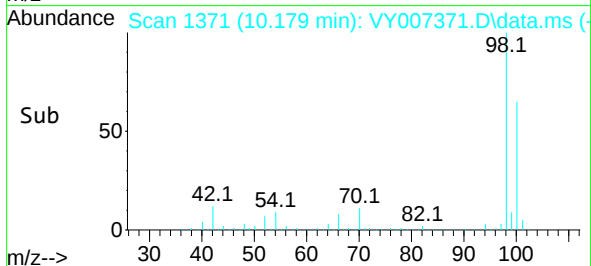
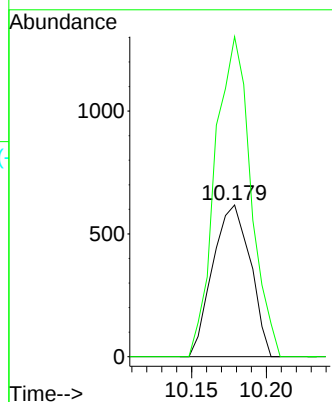
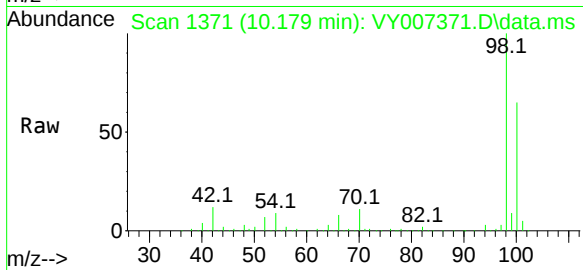




#51
4-Methyl-2-Pentanone
Concen: 1.060 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

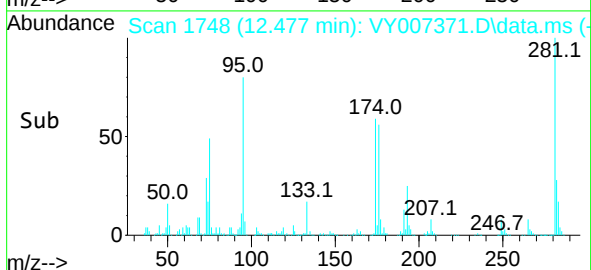
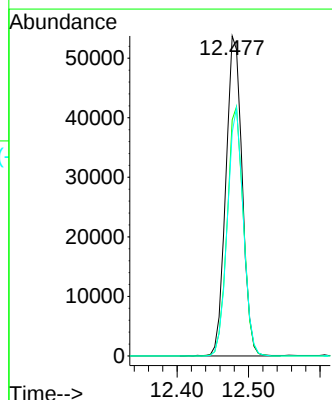
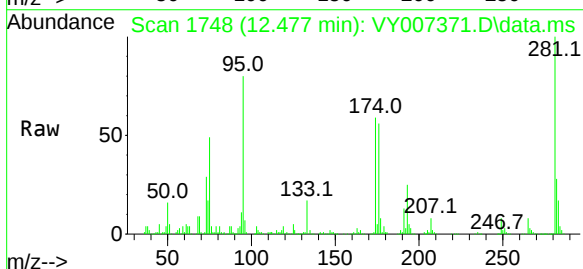
Instrument :
MSVOA_Y
ClientSampleId :

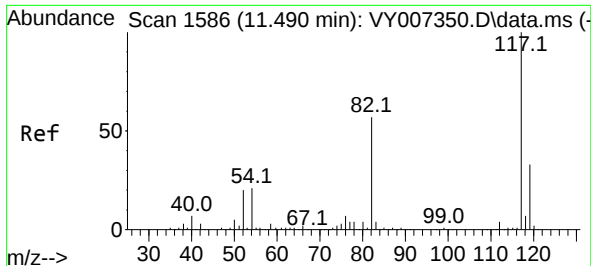
Tgt Ion: 43 Resp: 1082
Ion Ratio Lower Upper
43 100
58 199.3 28.1 42.1#



#62
4-Bromofluorobenzene
Concen: 54.909 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

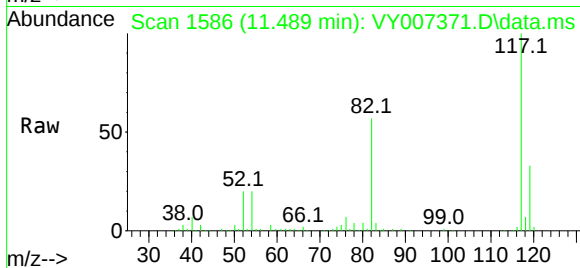
Tgt Ion: 95 Resp: 85340
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 75.4 0.0 175.8



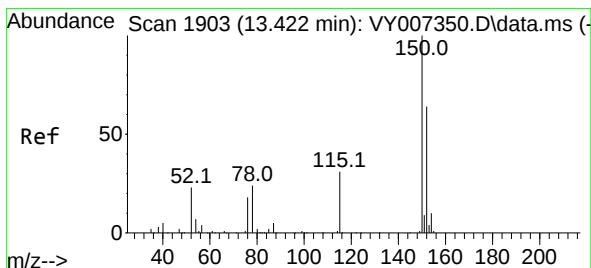
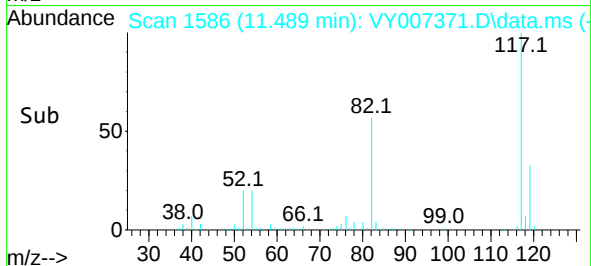
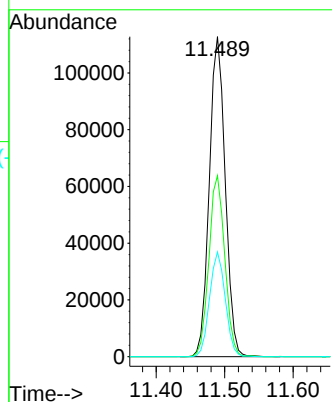


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Instrument :
MSVOA_Y
ClientSampleId :

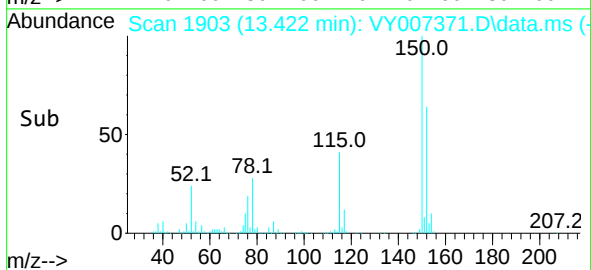
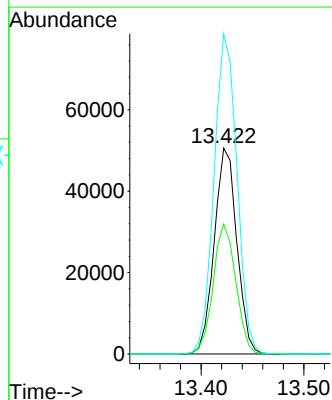
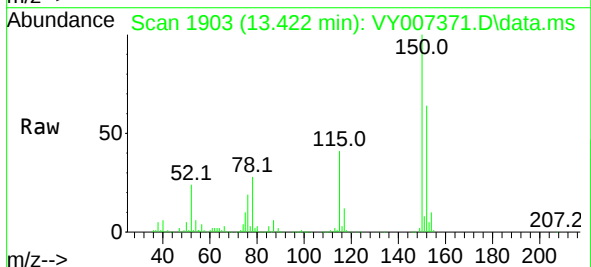


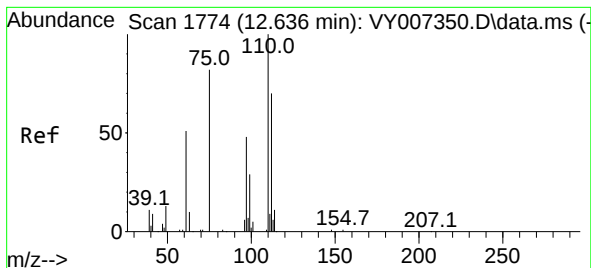
Tgt Ion:117 Resp: 182153
Ion Ratio Lower Upper
117 100
82 56.5 43.0 64.4
119 32.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007371.D
Acq: 03 Feb 2022 12:12

Tgt Ion:152 Resp: 77118
Ion Ratio Lower Upper
152 100
115 63.1 28.2 84.7
150 158.3 0.0 347.6





#76

1,2,3-Trichloropropane

Concen: 56.476 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

Instrument :

MSVOA_Y

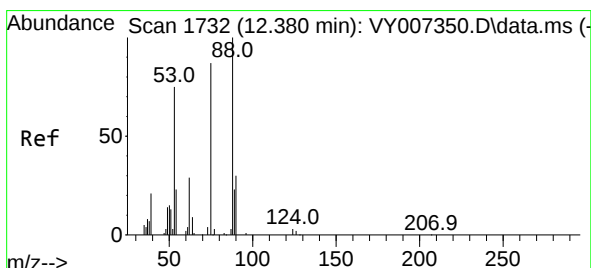
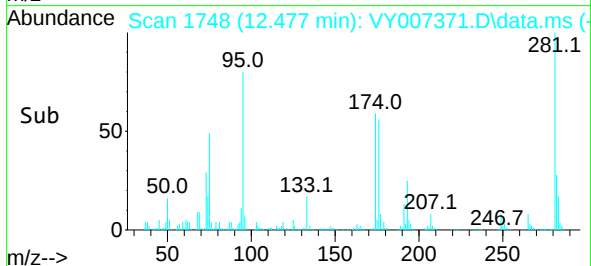
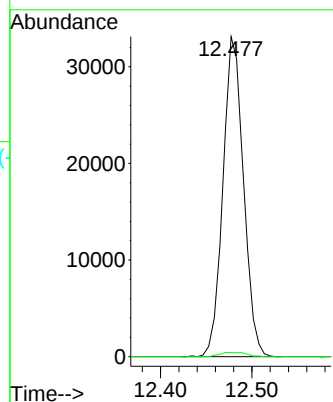
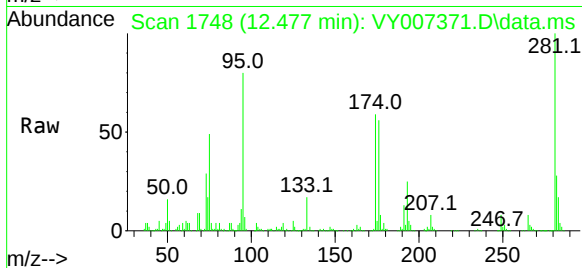
ClientSampleId :

Tgt Ion: 75 Resp: 51777

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.146 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY007371.D

Acq: 03 Feb 2022 12:12

Tgt Ion: 75 Resp: 51777

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 3.9 37.0 55.4#

