

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020422\
 Data File : VY007393.D
 Acq On : 04 Feb 2022 14:39
 Operator : SY/MD
 Sample : N1391-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-020322

Quant Time: Feb 06 23:35:23 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)

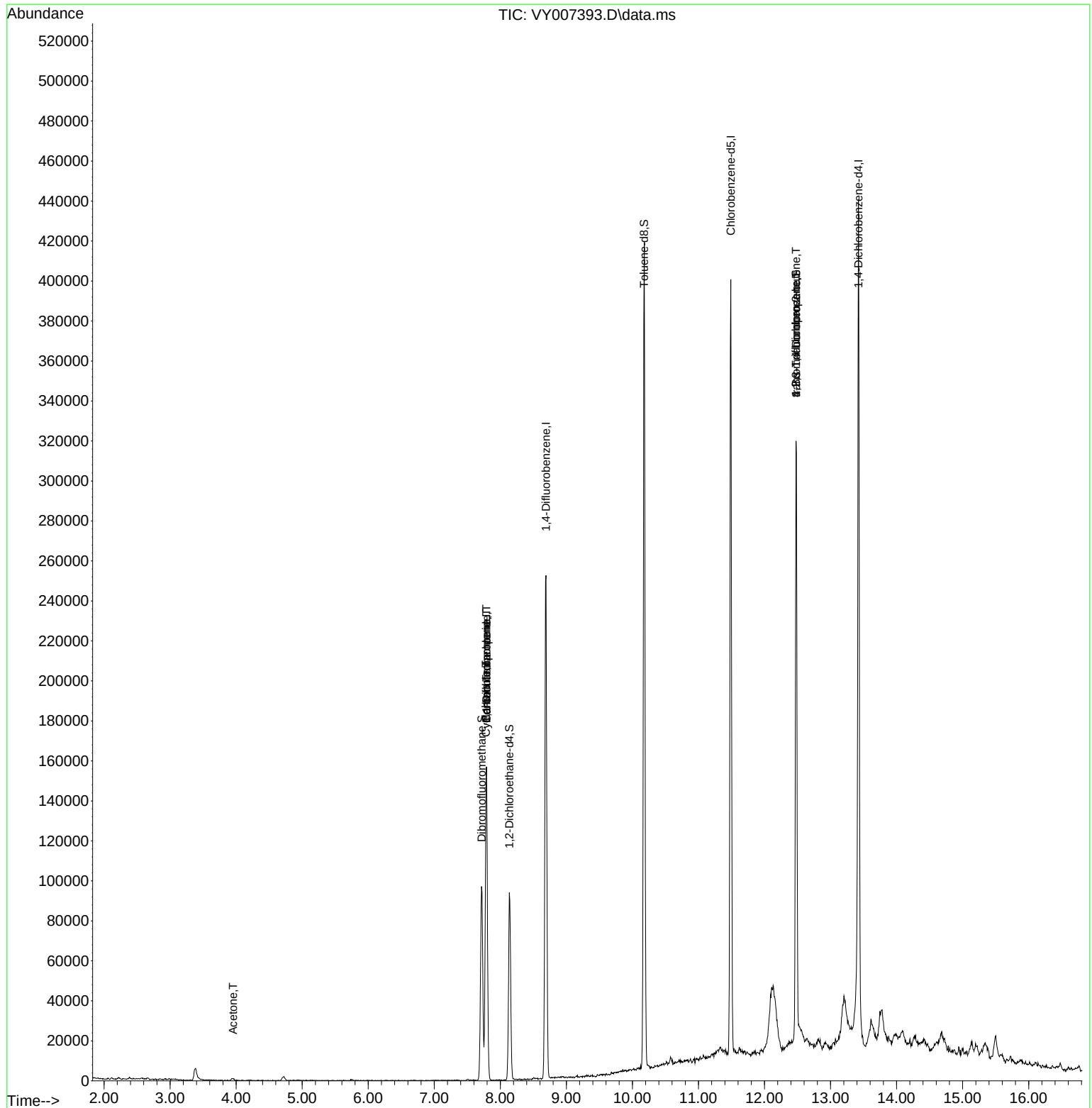
Internal Standards						
1) Pentafluorobenzene	7.789	168	114880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	215056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	72806	55.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.200%
35) Dibromofluoromethane	7.716	113	70101	50.763	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.520%
50) Toluene-d8	10.179	98	266072	52.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.300%
62) 4-Bromofluorobenzene	12.477	95	98130	56.588	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.180%
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	581	Below Cal		92
11) Tert butyl alcohol	4.942	59	47	Below Cal	#	77
16) Acetone	3.954	43	1971	4.593	ug/l	90
20) Methylene Chloride	4.716	84	1438	Below Cal	#	82
31) Cyclohexane	7.783	56	2662	1.032	ug/l	# 10
36) 1,1-Dichloropropene	7.789	75	9834	4.073	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	12705	5.009	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	52055	48.568	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	52055	97.302	ug/l	# 7

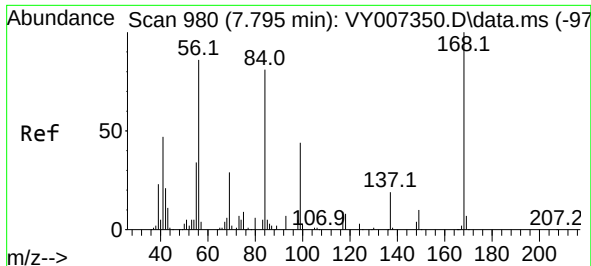
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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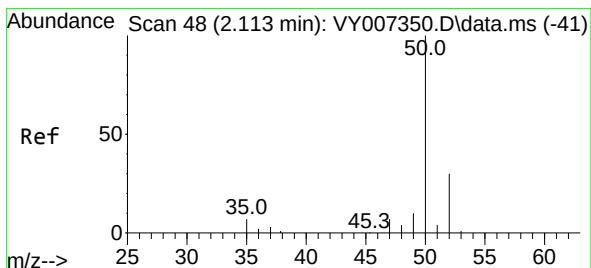
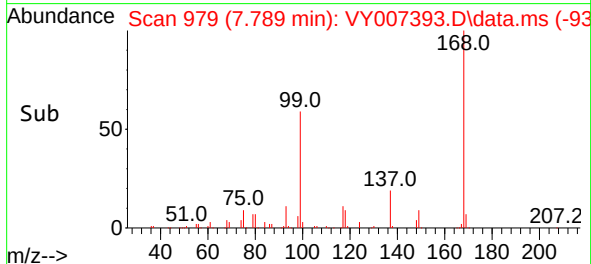
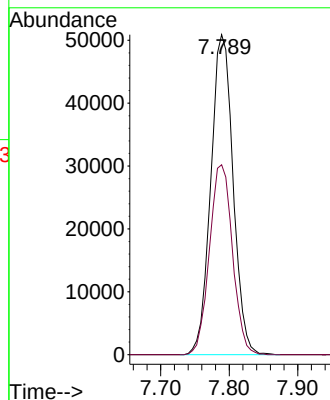
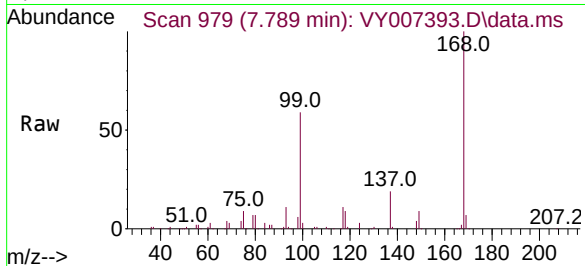




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

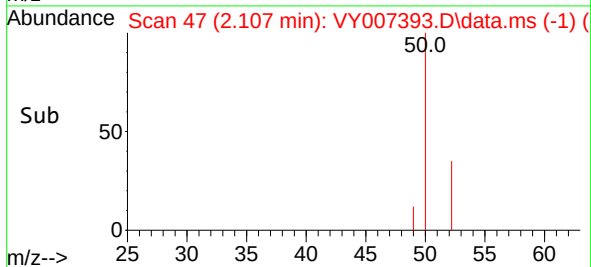
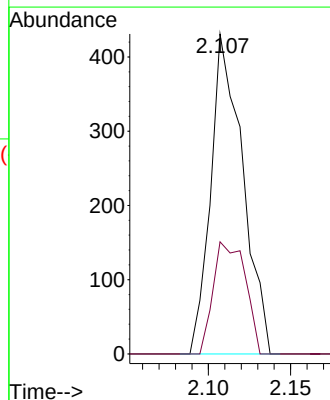
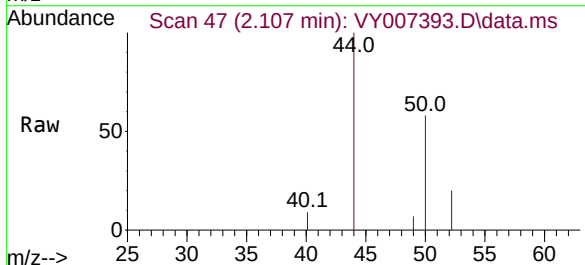
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-020322

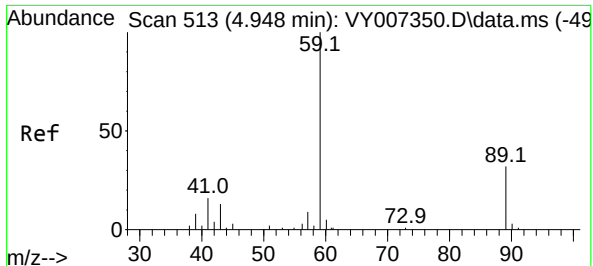
Tgt Ion:168 Resp: 114880
Ion Ratio Lower Upper
168 100
99 59.3 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

Tgt Ion: 50 Resp: 581
Ion Ratio Lower Upper
50 100
52 35.0 24.6 37.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.942 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

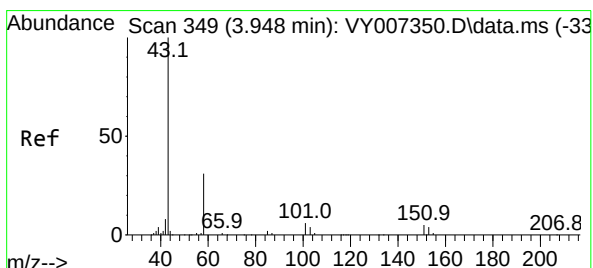
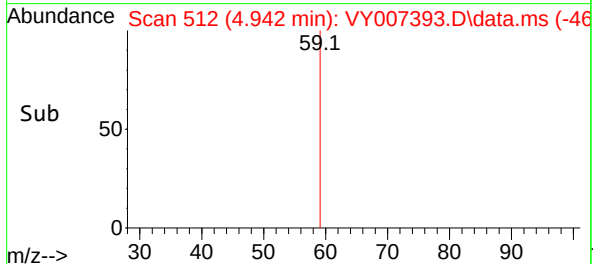
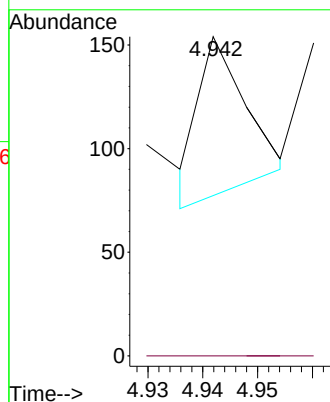
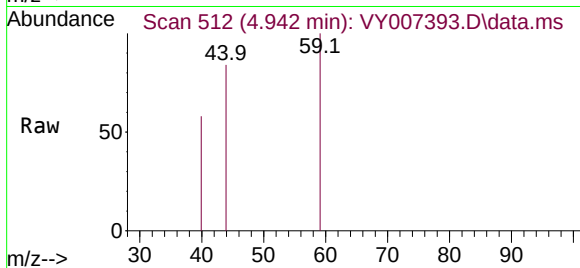
TR-04-020322

Tgt Ion: 59 Resp: 47

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 4.593 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007393.D

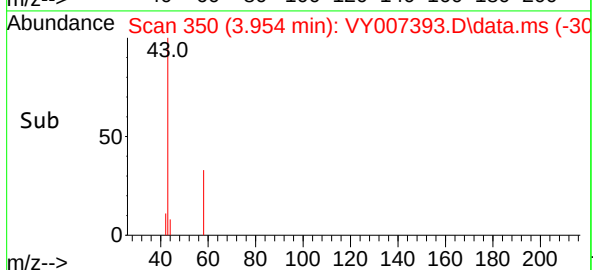
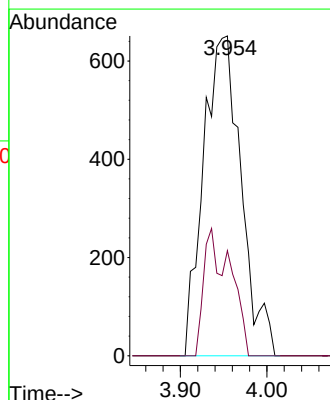
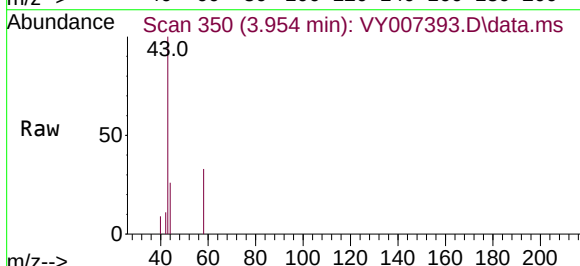
Acq: 04 Feb 2022 14:39

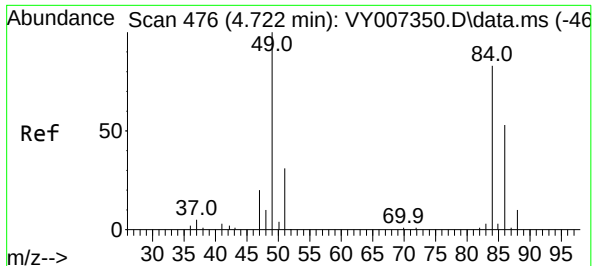
Tgt Ion: 43 Resp: 1971

Ion Ratio Lower Upper

43 100

58 32.9 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-020322

Tgt Ion: 84 Resp: 1438

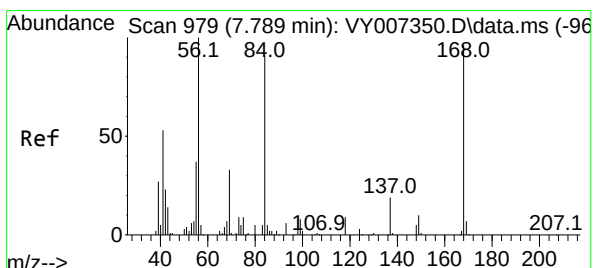
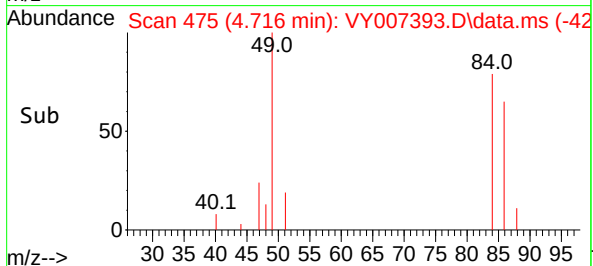
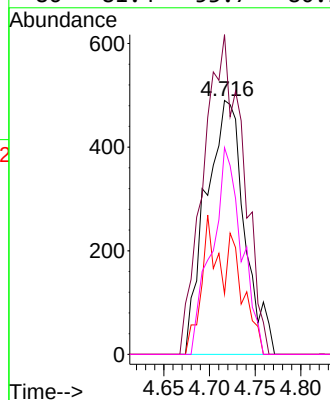
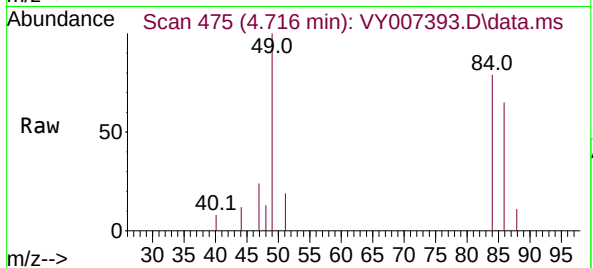
Ion Ratio Lower Upper

84 100

49 125.9 114.4 171.6

51 23.9 35.3 52.9#

86 81.4 53.7 80.5#



#31

Cyclohexane

Concen: 1.032 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

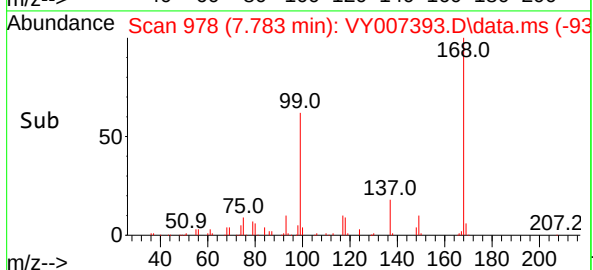
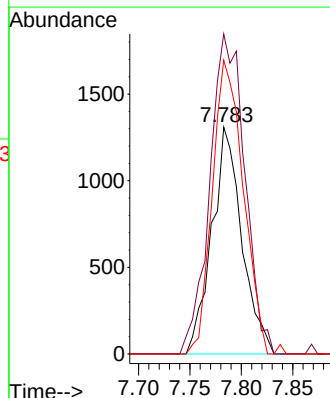
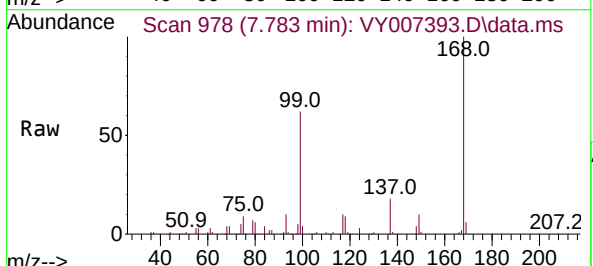
Tgt Ion: 56 Resp: 2662

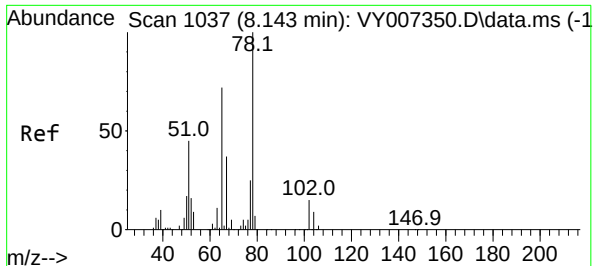
Ion Ratio Lower Upper

56 100

69 141.0 26.7 40.1#

84 129.5 67.2 100.8#

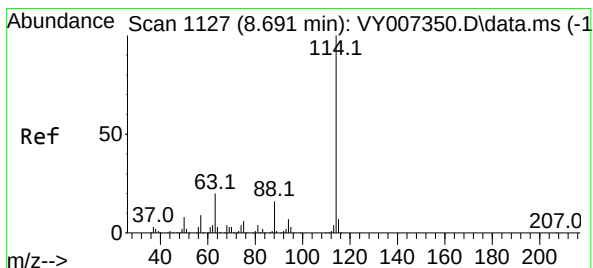
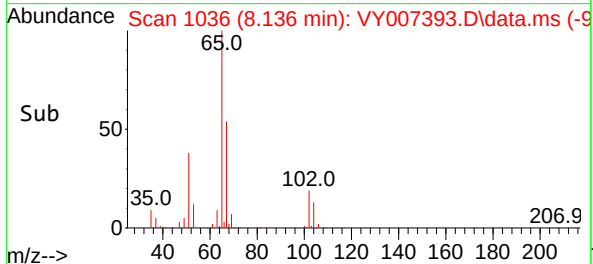
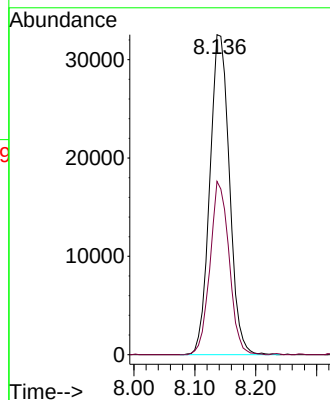
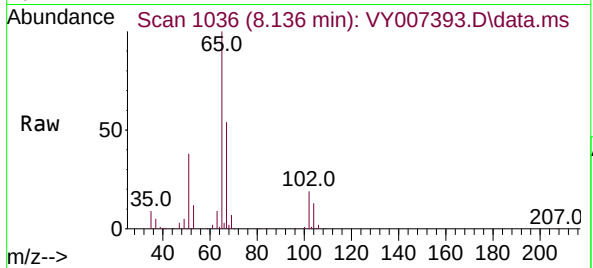




#33
 1,2-Dichloroethane-d4
 Concen: 55.098 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY007393.D
 Acq: 04 Feb 2022 14:39

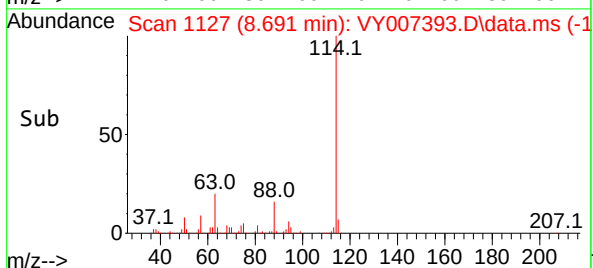
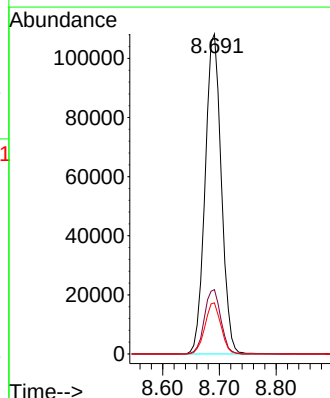
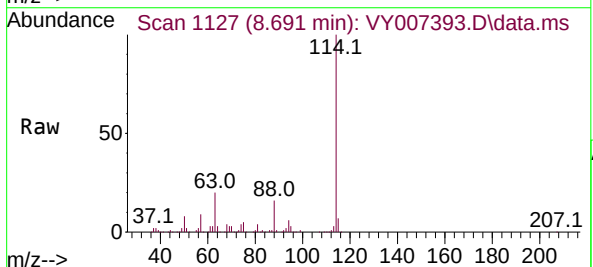
Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-020322

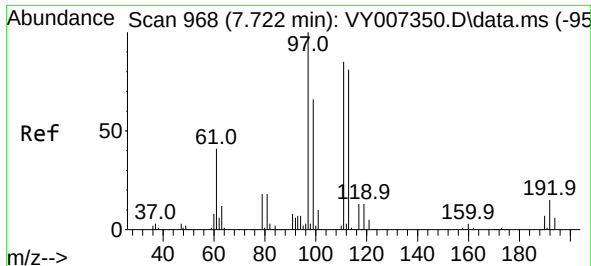
Tgt Ion: 65 Resp: 72806
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007393.D
 Acq: 04 Feb 2022 14:39

Tgt Ion: 114 Resp: 215056
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 43.2
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.763 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-020322

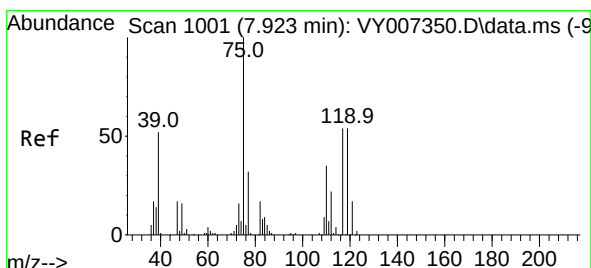
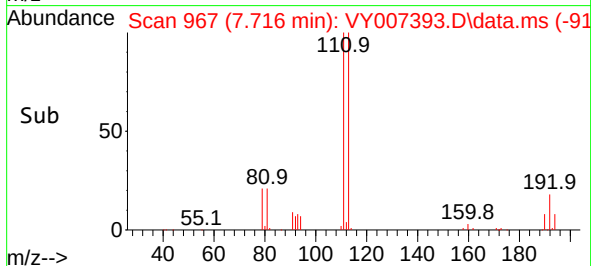
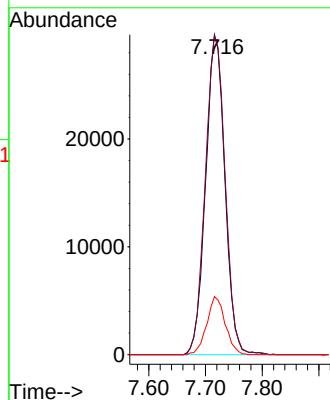
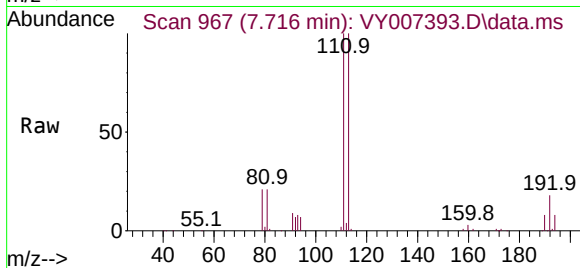
Tgt Ion:113 Resp: 70101

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 17.4 17.6 26.4#



#36

1,1-Dichloropropene

Concen: 4.073 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

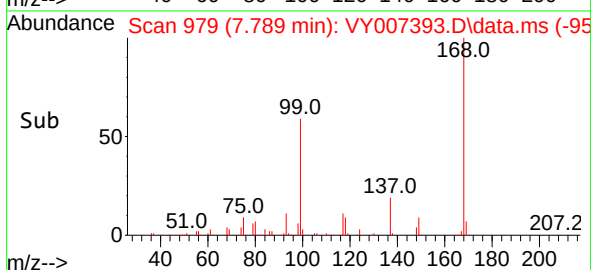
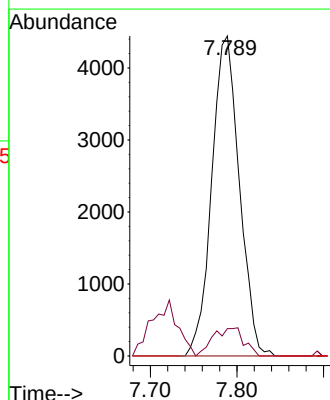
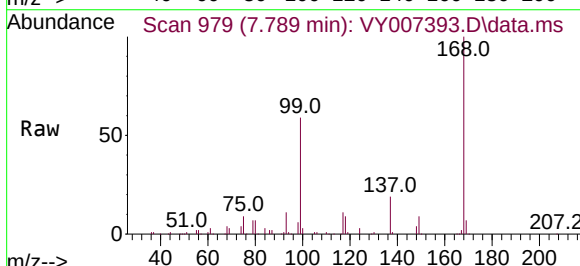
Tgt Ion: 75 Resp: 9834

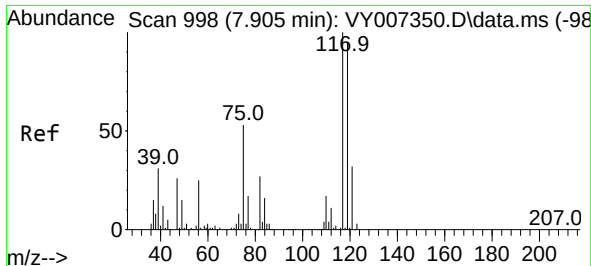
Ion Ratio Lower Upper

75 100

110 9.8 17.1 51.2#

77 0.0 24.4 36.6#

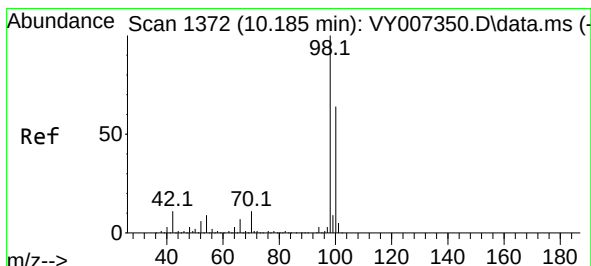
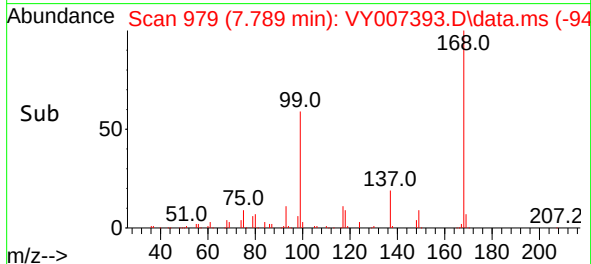
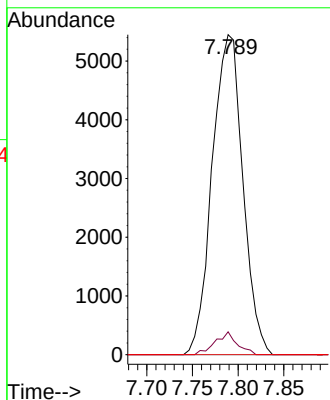
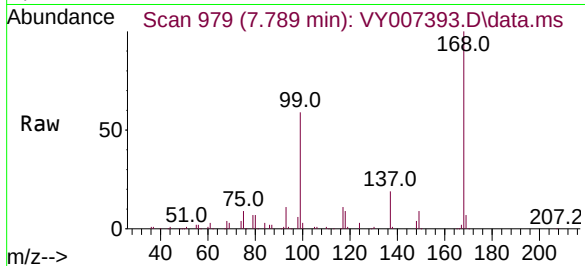




#38
Carbon Tetrachloride
Concen: 5.009 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

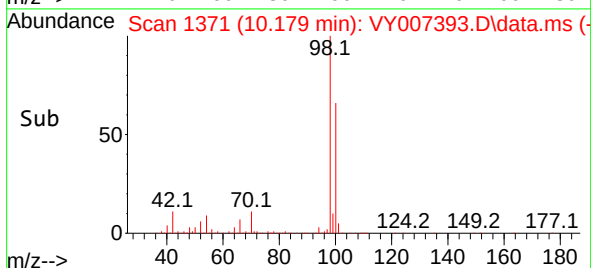
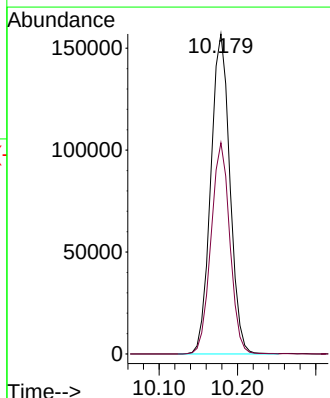
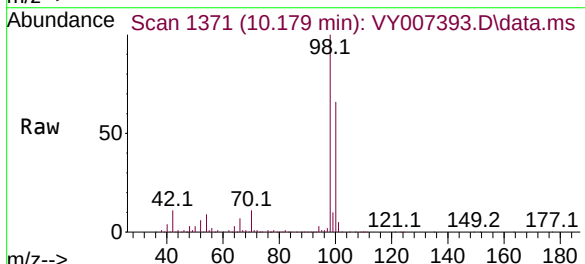
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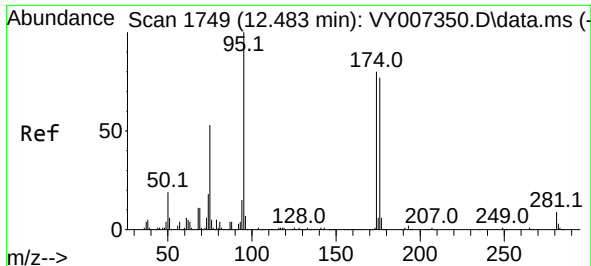
Tgt Ion:117 Resp: 12705
Ion Ratio Lower Upper
117 100
119 7.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.151 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY007393.D
Acq: 04 Feb 2022 14:39

Tgt Ion: 98 Resp: 266072
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 56.588 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-020322

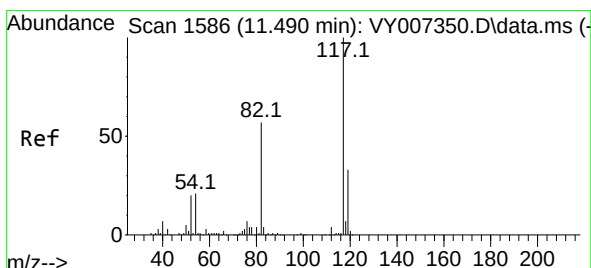
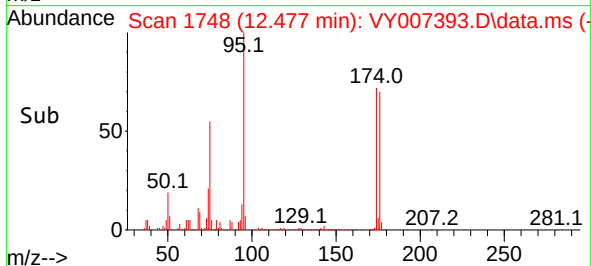
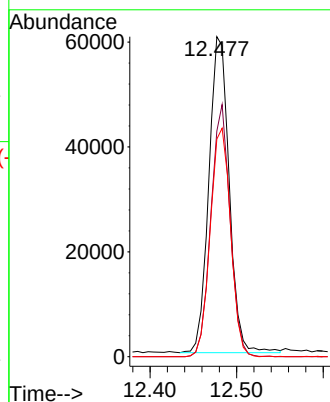
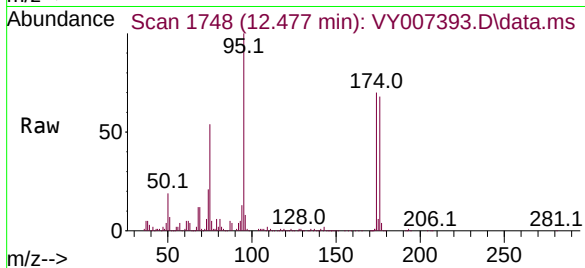
Tgt Ion: 95 Resp: 98130

Ion Ratio Lower Upper

95 100

174 75.4 0.0 177.0

176 72.3 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY007393.D

Acq: 04 Feb 2022 14:39

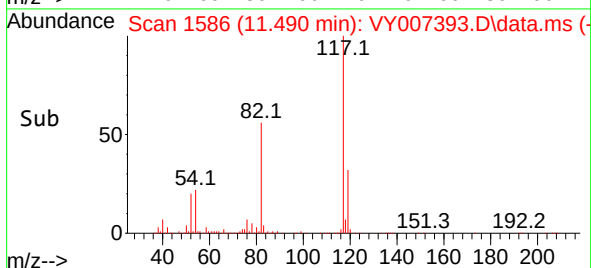
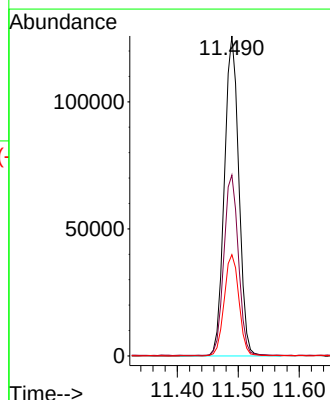
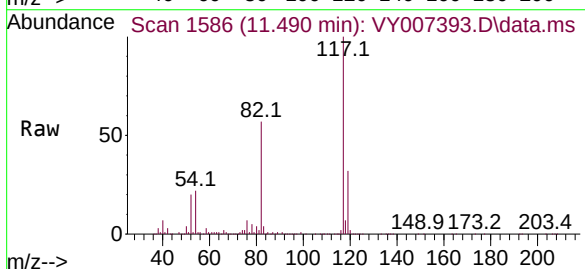
Tgt Ion:117 Resp: 206665

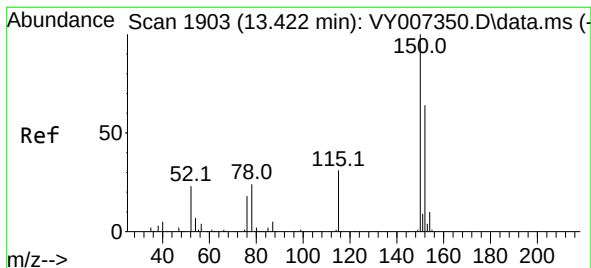
Ion Ratio Lower Upper

117 100

82 56.3 43.0 64.4

119 31.6 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: VY007393.D

Acq: 04 Feb 2022 14:39

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-020322

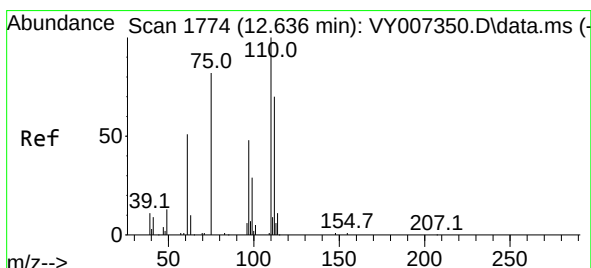
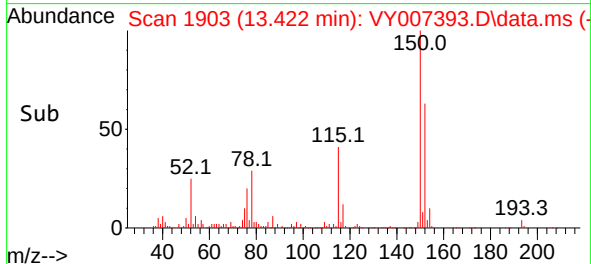
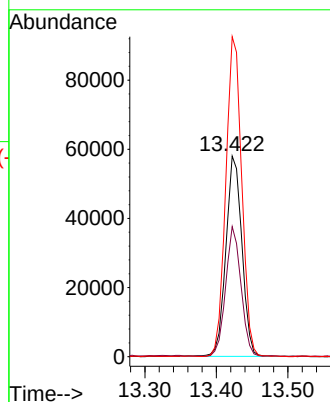
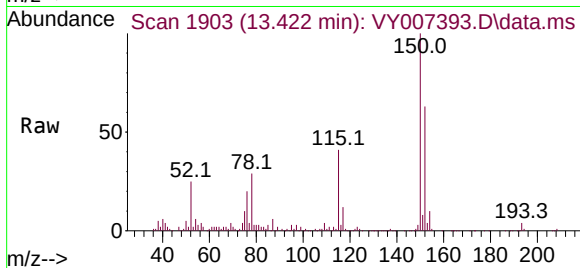
Tgt Ion:152 Resp: 90157

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 159.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.568 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY007393.D

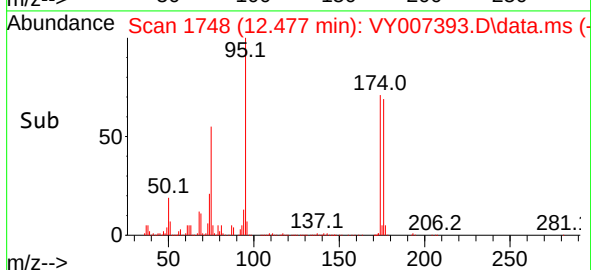
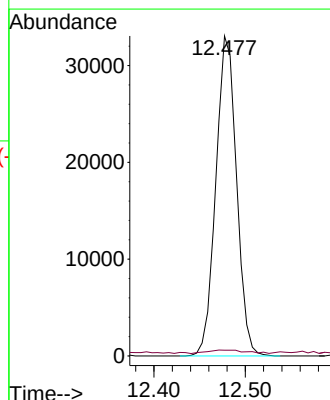
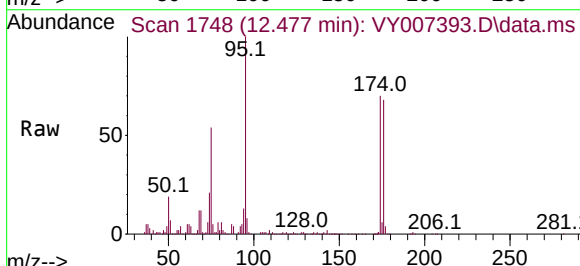
Acq: 04 Feb 2022 14:39

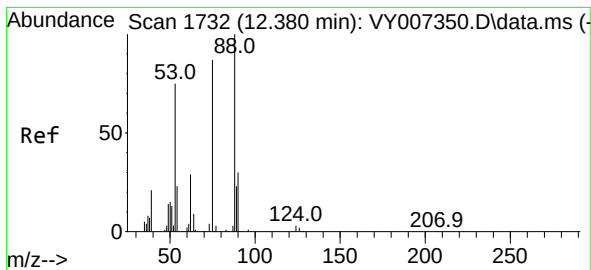
Tgt Ion: 75 Resp: 52055

Ion Ratio Lower Upper

75 100

77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.302 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY007393.D
 Acq: 04 Feb 2022 14:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-020322

Tgt Ion: 75 Resp: 52055
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

