

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007438.D
 Acq On : 08 Feb 2022 17:06
 Operator : SY/MD
 Sample : N1232-13RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-5

Quant Time: Feb 09 00:58:34 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)

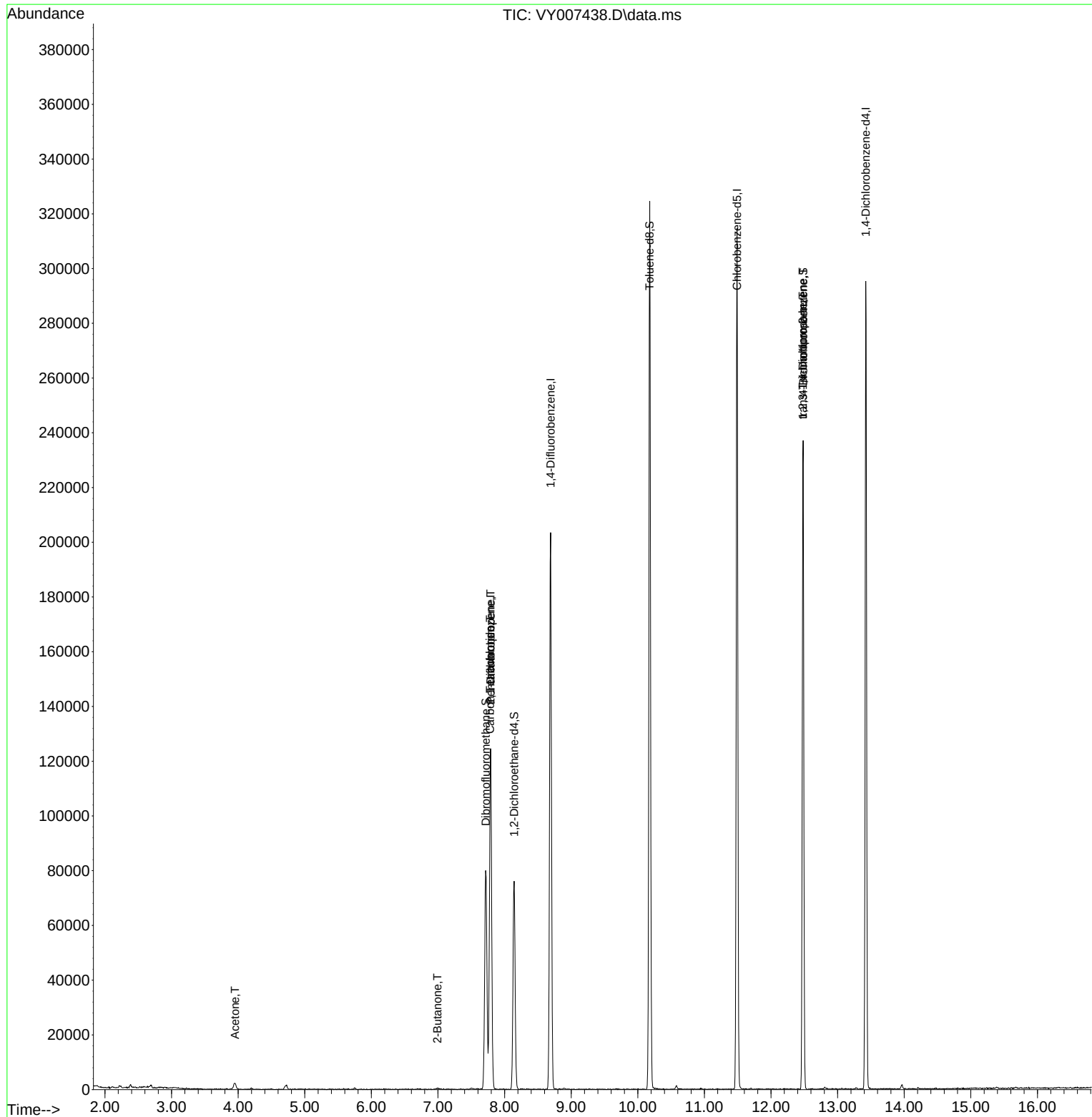
Internal Standards						
1) Pentafluorobenzene	7.789	168	92154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	172776	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	164977	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	59445	56.080	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 112.160%		
35) Dibromofluoromethane	7.715	113	56760	51.160	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 102.320%		
50) Toluene-d8	10.178	98	211252	51.539	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 103.080%		
62) 4-Bromofluorobenzene	12.483	95	74702	53.620	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 107.240%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	342	Below Cal	#	44
11) Tert butyl alcohol	4.954	59	112	Below Cal	#	77
16) Acetone	3.954	43	4042	11.741	ug/l	94
20) Methylene Chloride	4.716	84	995	Below Cal	#	90
25) 2-Butanone	6.990	43	848	2.039	ug/l	98
36) 1,1-Dichloropropene	7.789	75	7393	3.812	ug/l	# 51
38) Carbon Tetrachloride	7.782	117	10012	4.913	ug/l	# 15
76) 1,2,3-Trichloropropane	12.477	75	39996	47.293	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	39996	94.749	ug/l	# 7

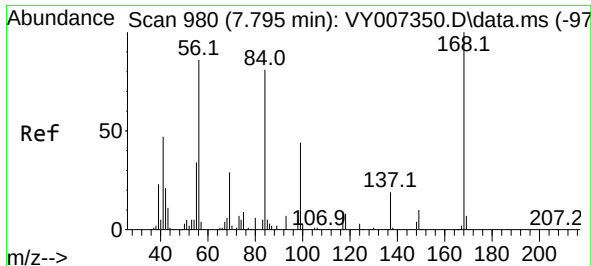
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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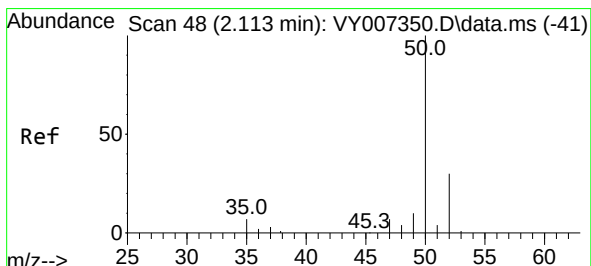
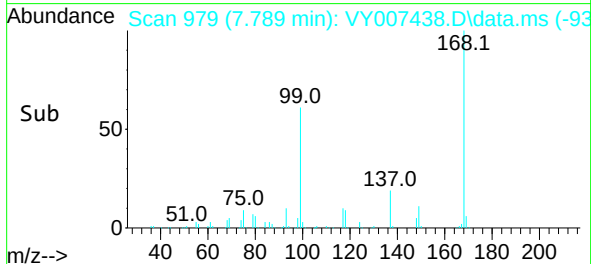
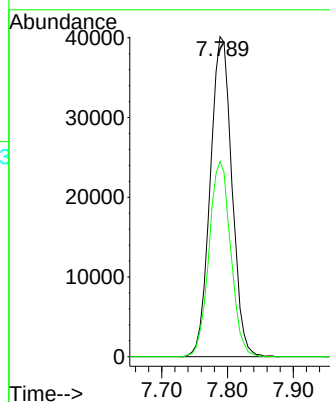
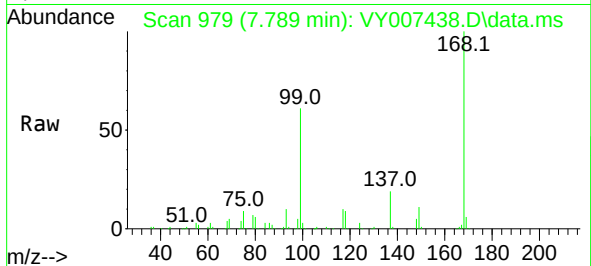




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

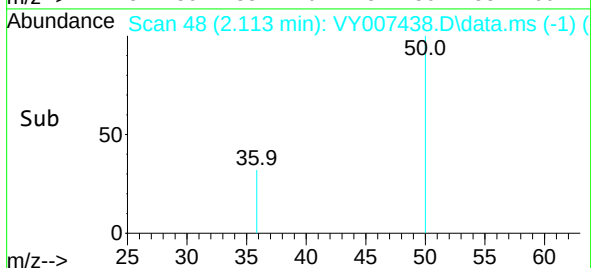
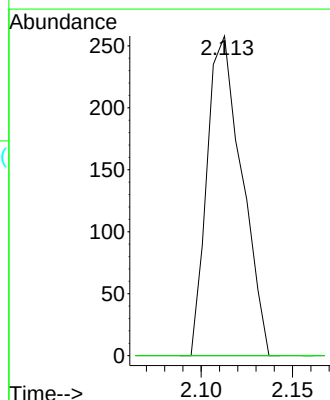
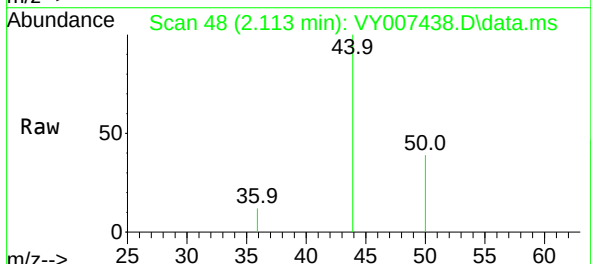
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

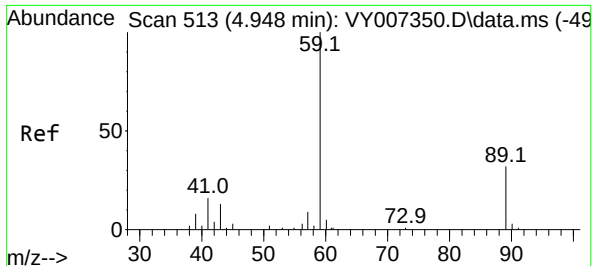
Tgt Ion:168 Resp: 92154
Ion Ratio Lower Upper
168 100
99 61.0 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

Tgt Ion: 50 Resp: 342
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY007438.D

Acq: 08 Feb 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

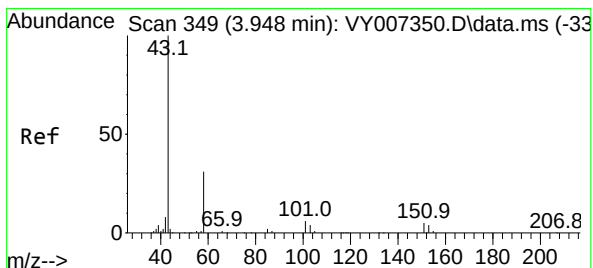
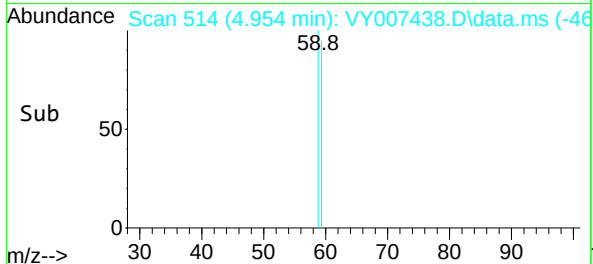
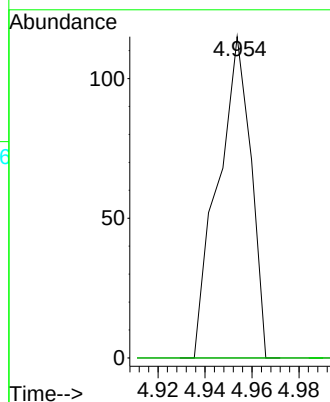
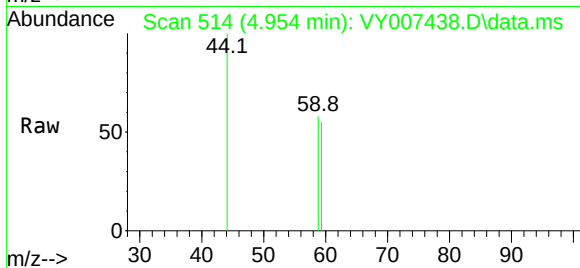
SP-5

Tgt Ion: 59 Resp: 112

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 11.741 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY007438.D

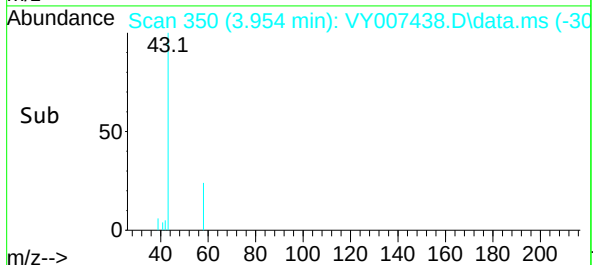
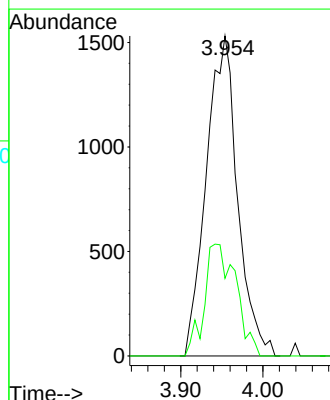
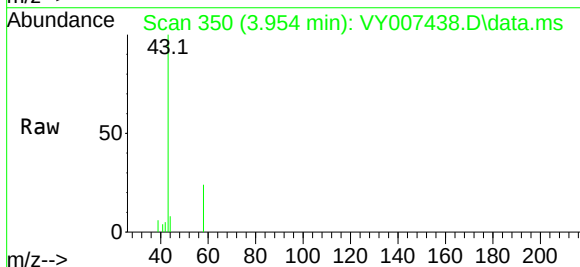
Acq: 08 Feb 2022 17:06

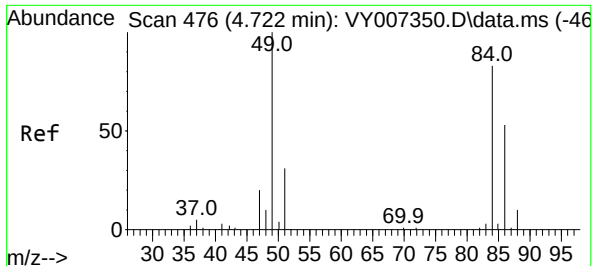
Tgt Ion: 43 Resp: 4042

Ion Ratio Lower Upper

43 100

58 24.2 22.0 33.0





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007438.D

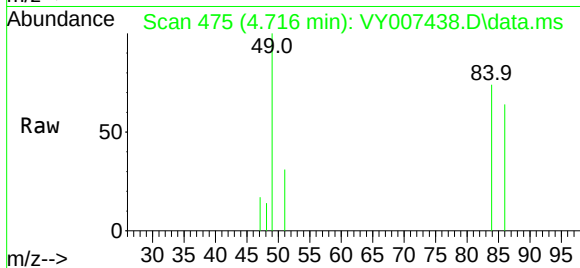
Acq: 08 Feb 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

SP-5



Tgt Ion: 84 Resp: 995

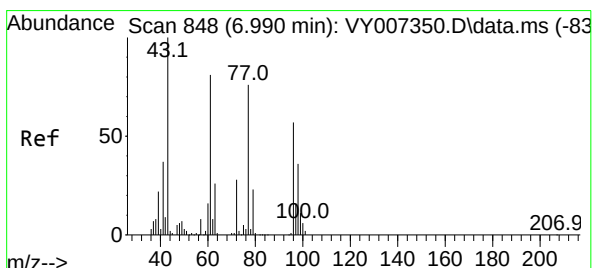
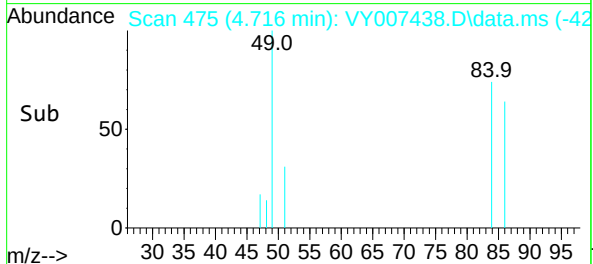
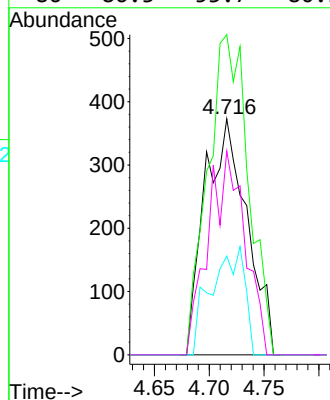
Ion Ratio Lower Upper

84 100

49 135.7 114.4 171.6

51 41.8 35.3 52.9

86 86.3 53.7 80.5#



#25

2-Butanone

Concen: 2.039 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY007438.D

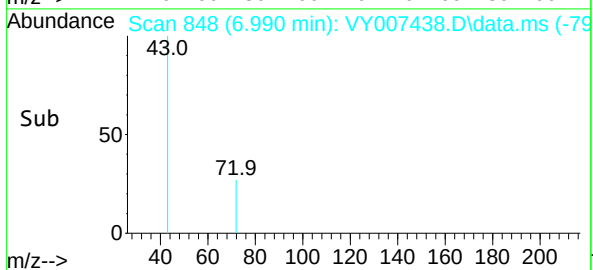
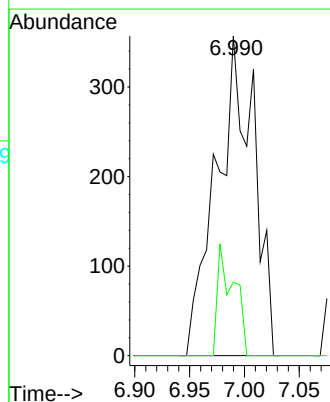
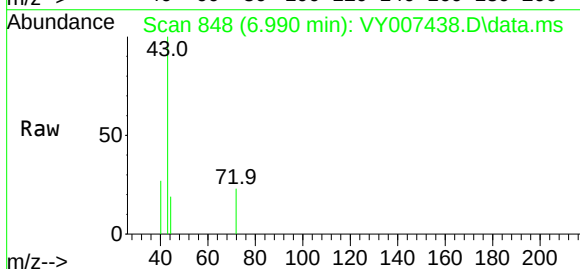
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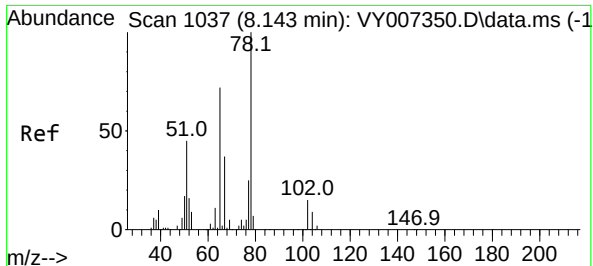
Tgt Ion: 43 Resp: 848

Ion Ratio Lower Upper

43 100

72 23.0 17.7 26.5

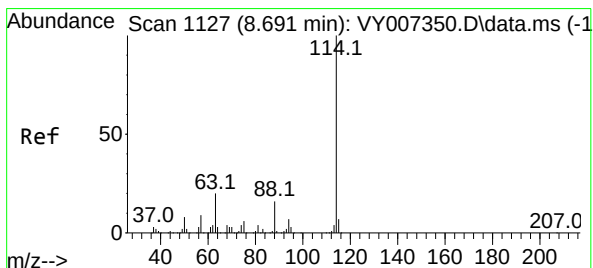
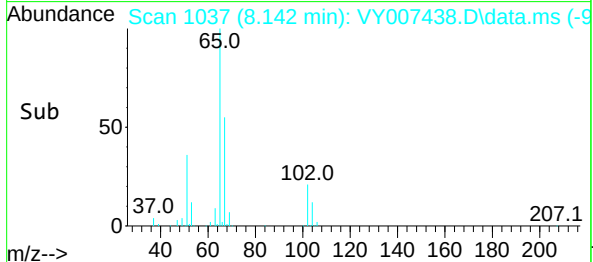
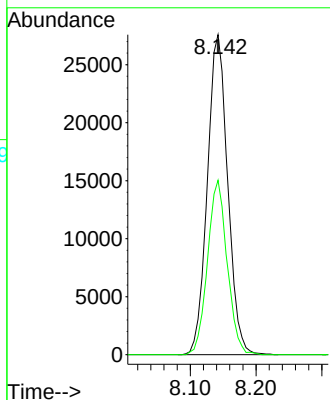
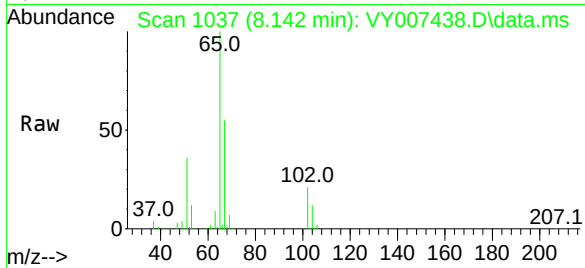




#33
 1,2-Dichloroethane-d4
 Concen: 56.080 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VY007438.D
 Acq: 08 Feb 2022 17:06

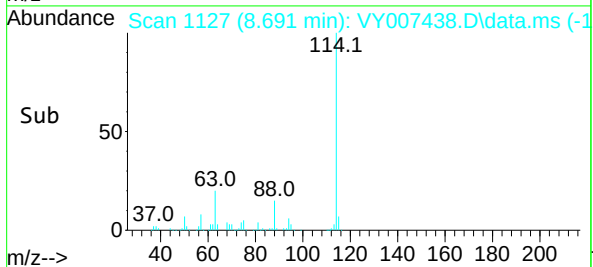
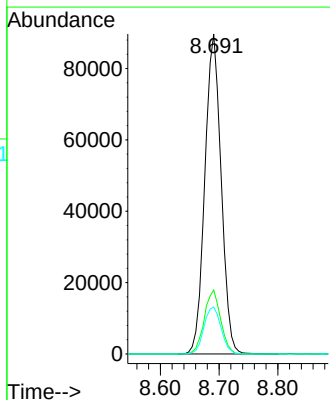
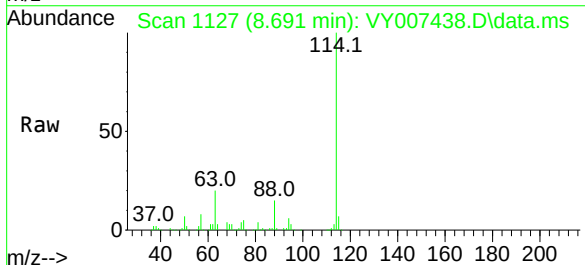
Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-5

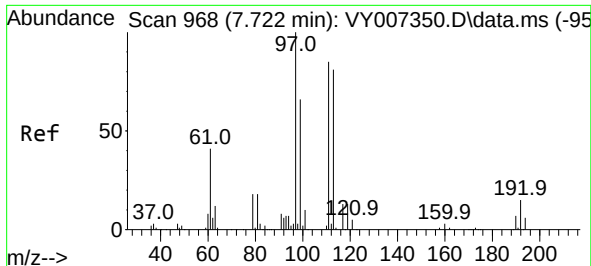
Tgt Ion: 65 Resp: 59445
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY007438.D
 Acq: 08 Feb 2022 17:06

Tgt Ion: 114 Resp: 172776
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.2
 88 14.6 0.0 31.8

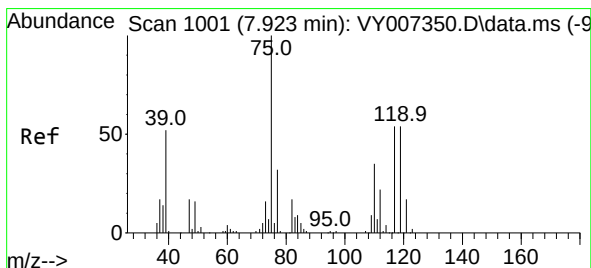
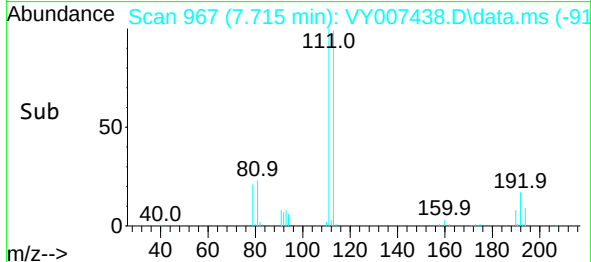
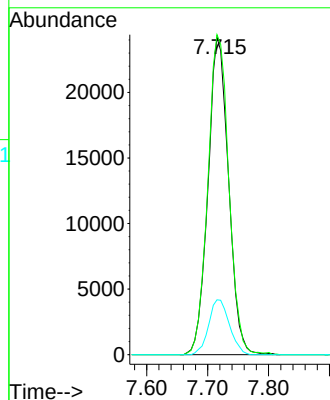
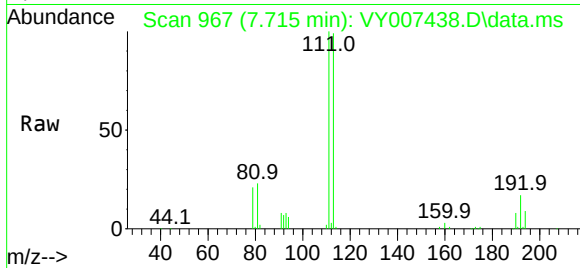




#35
Dibromofluoromethane
Concen: 51.160 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

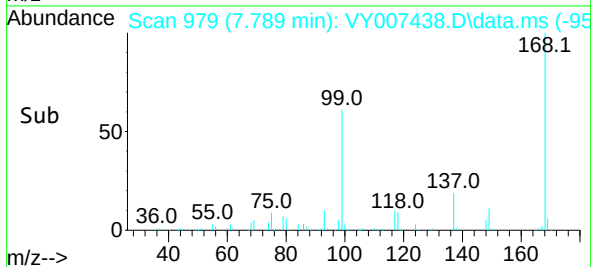
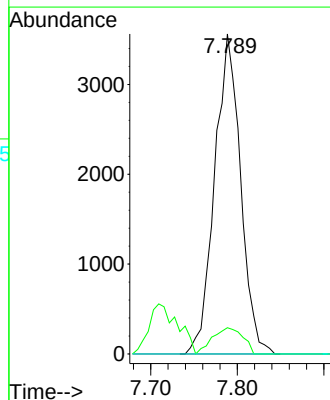
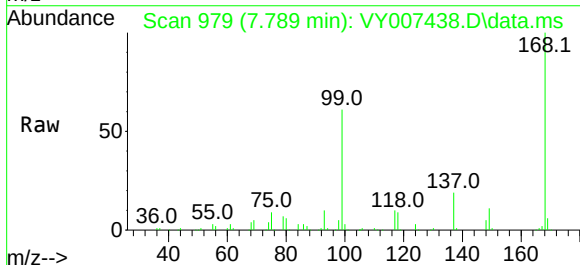
Instrument :
MSVOA_Y
ClientSampleId :
SP-5

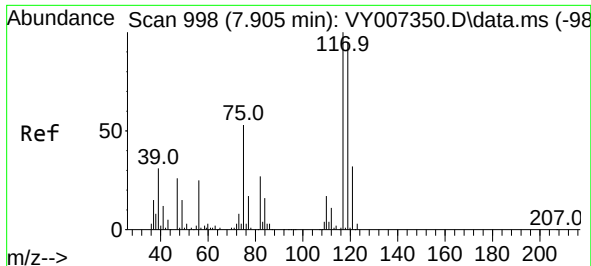
Tgt Ion:113 Resp: 56760
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 17.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.812 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.135 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

Tgt Ion: 75 Resp: 7393
Ion Ratio Lower Upper
75 100
110 9.6 17.1 51.2#
77 0.0 24.4 36.6#

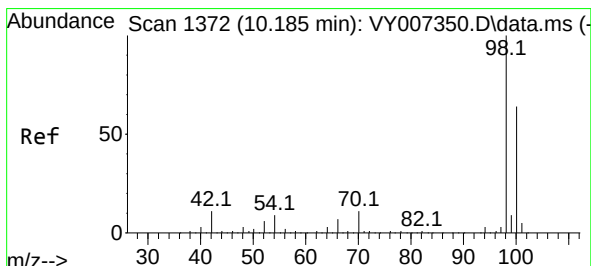
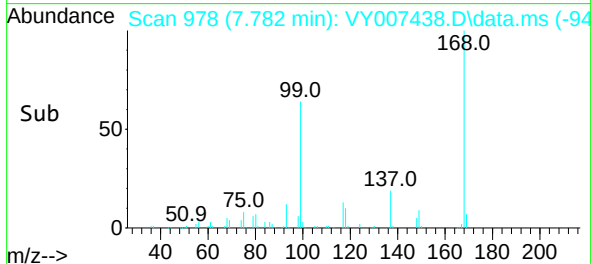
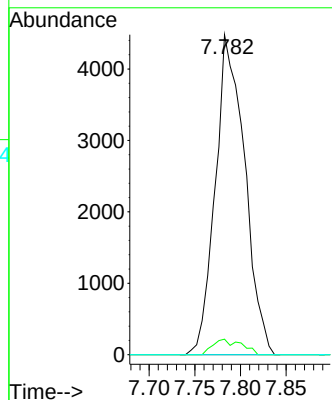
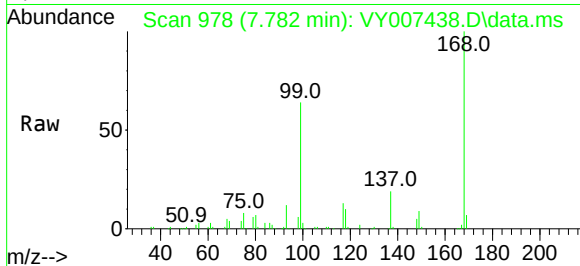




#38
Carbon Tetrachloride
Concen: 4.913 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

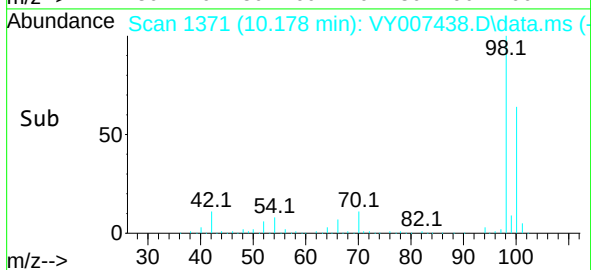
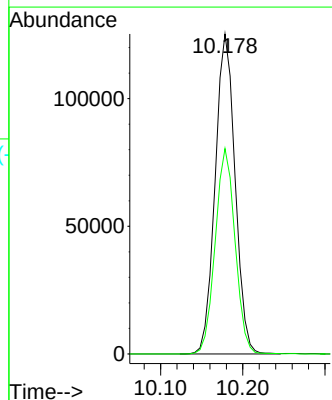
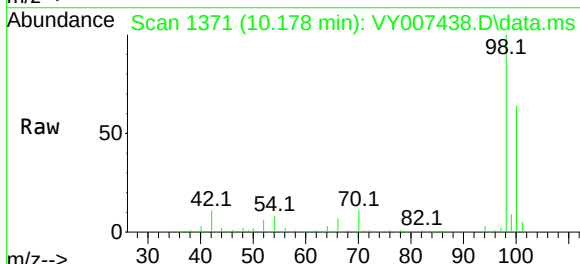
Instrument :
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ClientSampleId :
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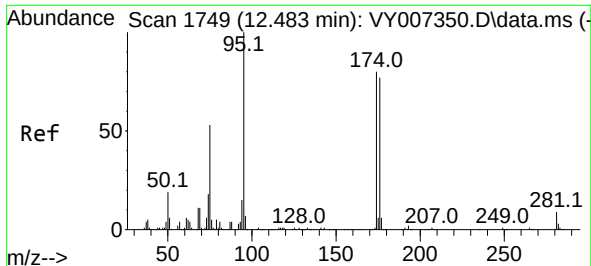
Tgt Ion:117 Resp: 10012
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.539 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.007 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

Tgt Ion: 98 Resp: 211252
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

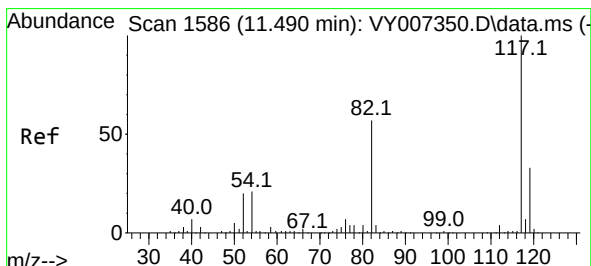
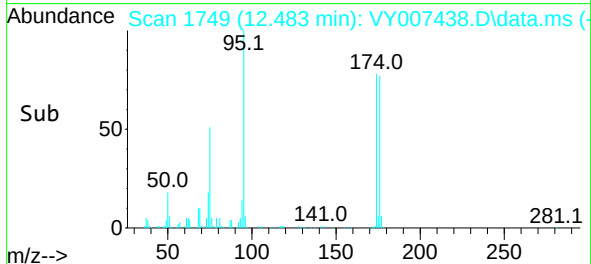
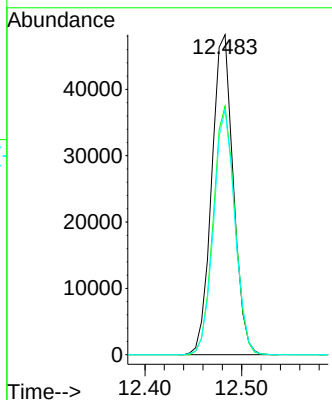
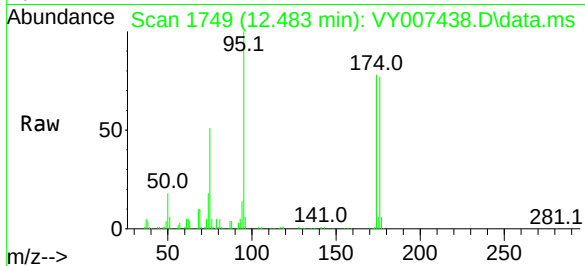




#62
4-Bromofluorobenzene
Concen: 53.620 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

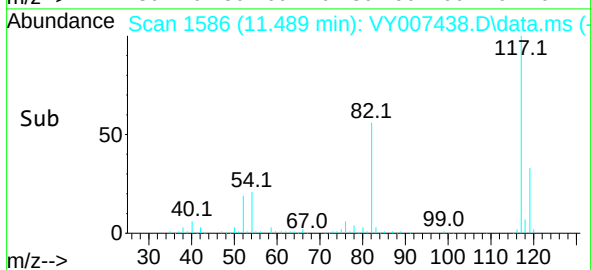
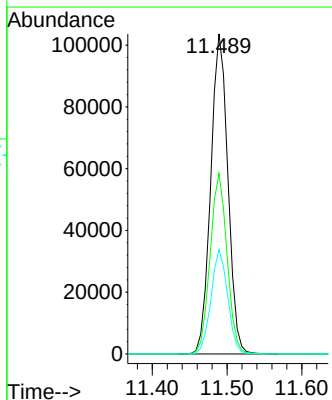
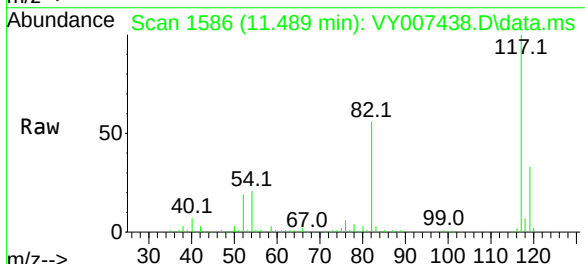
Instrument :
MSVOA_Y
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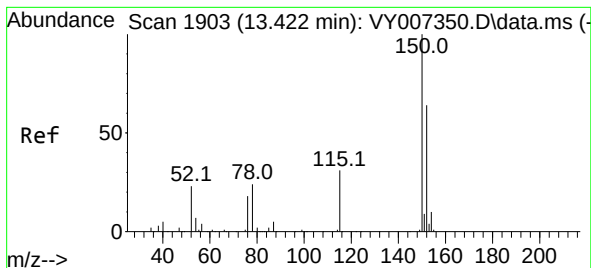
Tgt Ion: 95 Resp: 74702
Ion Ratio Lower Upper
95 100
174 77.9 0.0 177.0
176 75.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007438.D
Acq: 08 Feb 2022 17:06

Tgt Ion: 117 Resp: 164977
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 32.6 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: VY007438.D

Acq: 08 Feb 2022 17:06

Instrument :

MSVOA_Y

ClientSampleId :

SP-5

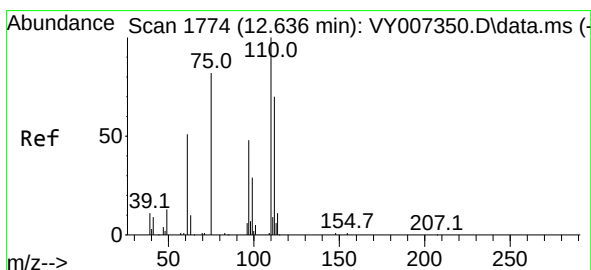
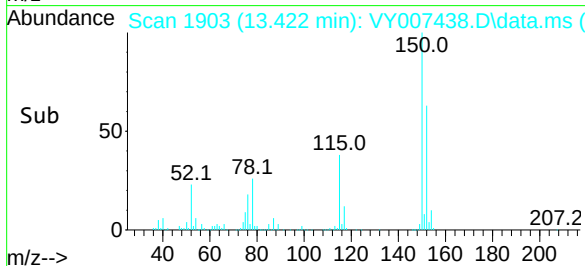
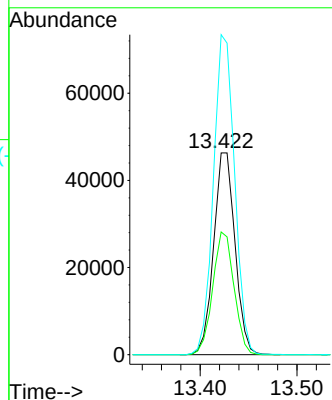
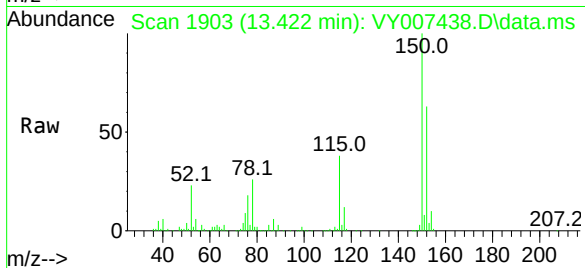
Tgt Ion:152 Resp: 71138

Ion Ratio Lower Upper

152 100

115 60.6 28.2 84.7

150 157.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 47.293 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY007438.D

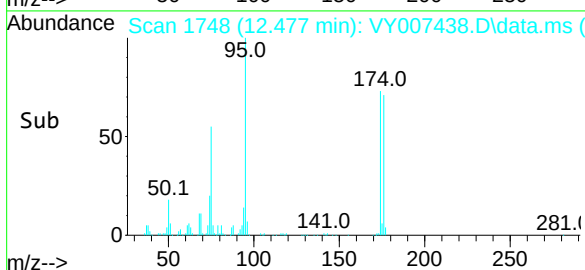
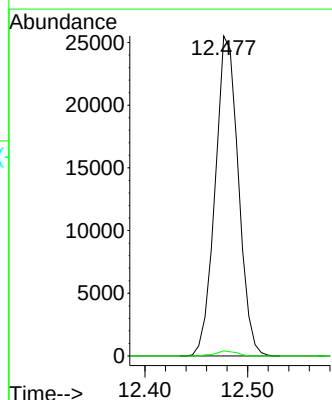
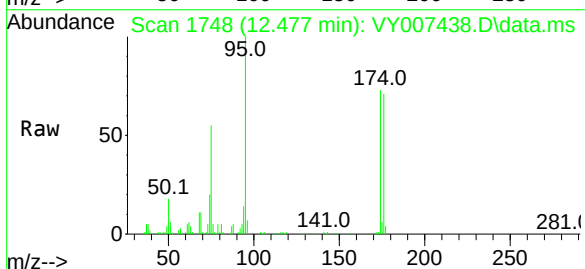
Acq: 08 Feb 2022 17:06

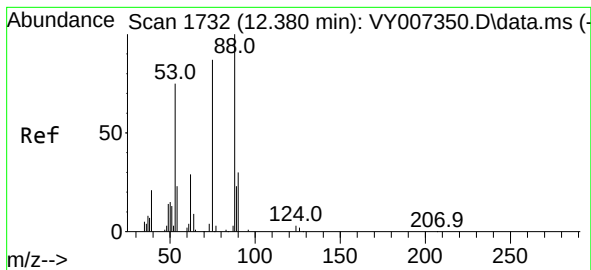
Tgt Ion: 75 Resp: 39996

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.749 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY007438.D
 Acq: 08 Feb 2022 17:06

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-5

Tgt Ion: 75 Resp: 39996
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

