

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008498.D
 Acq On : 26 Apr 2022 12:56
 Operator : KP/MD
 Sample : N2548-10RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11

Quant Time: Apr 27 01:21:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

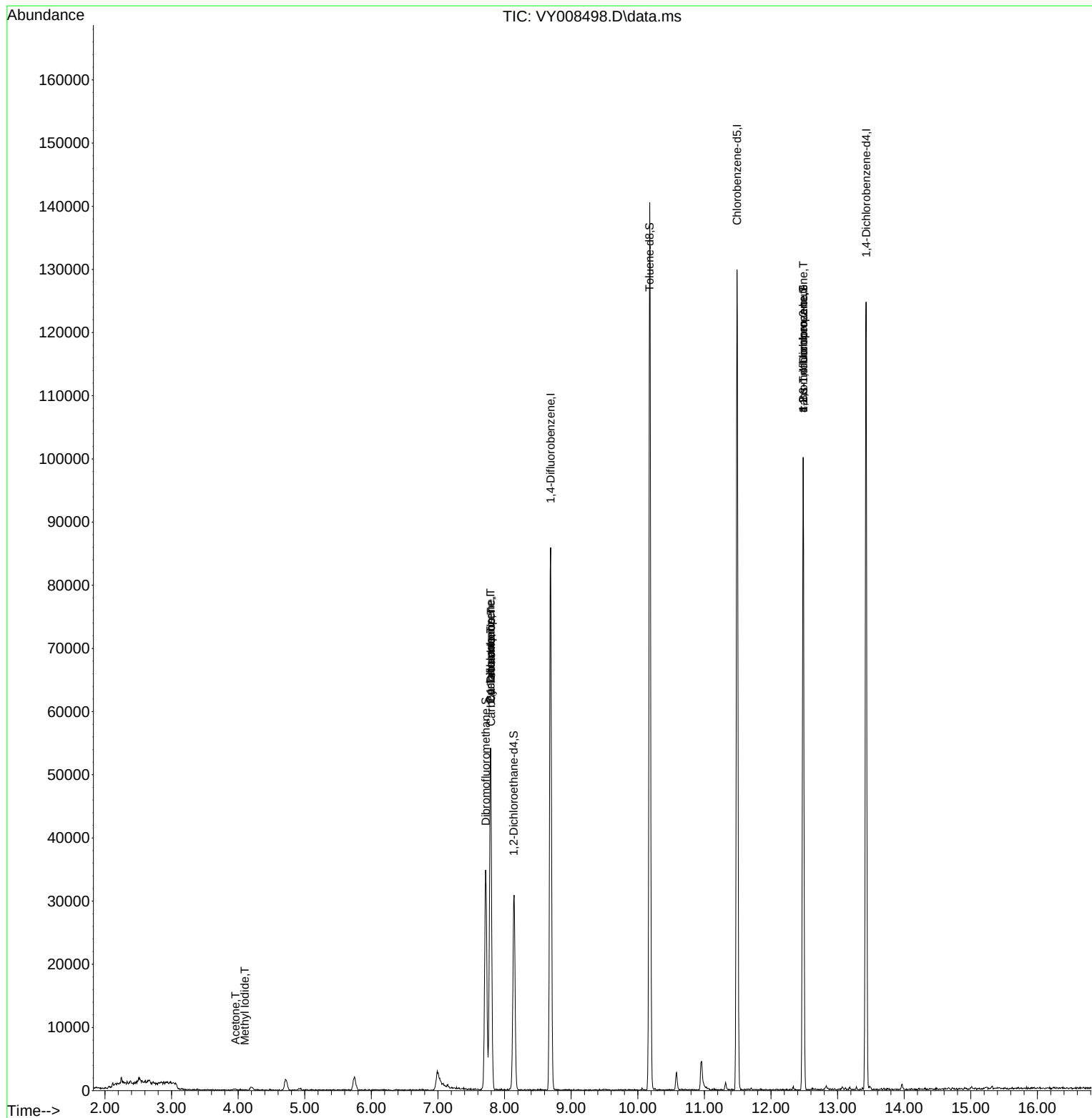
Internal Standards						
1) Pentafluorobenzene	7.789	168	42386	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	75130	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	72855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	23825	47.772	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.716	113	24197	49.904	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	92346	47.886	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.780%
62) 4-Bromofluorobenzene	12.483	95	29405	45.037	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.080%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	66	1.792	ug/l #	35
11) Tert butyl alcohol	4.948	59	59	Below Cal	#	77
16) Acetone	3.960	43	414	3.564	ug/l #	47
20) Methylene Chloride	4.704	84	1382	Below Cal	#	71
31) Cyclohexane	7.789	56	924	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	3794	4.919	ug/l #	48
38) Carbon Tetrachloride	7.795	117	4187	5.225	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	15723	39.245	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	15723	91.045	ug/l #	7

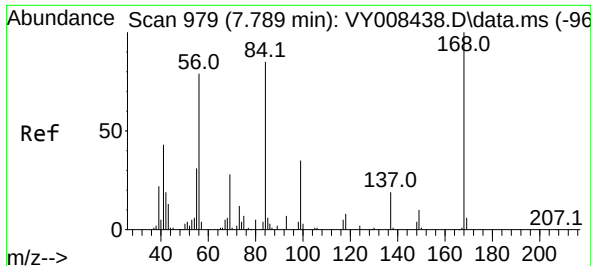
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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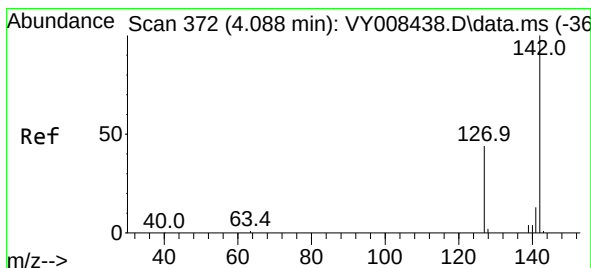
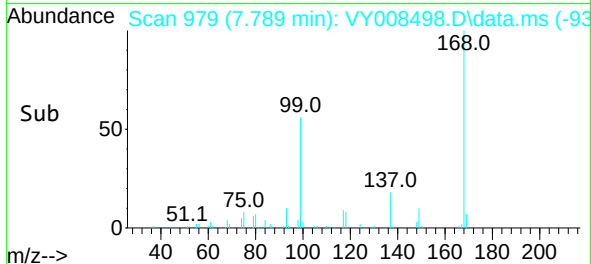
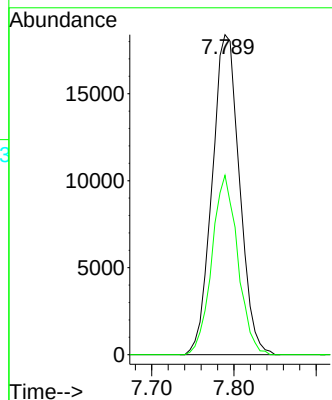
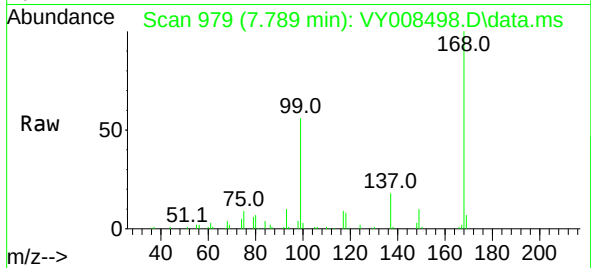




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

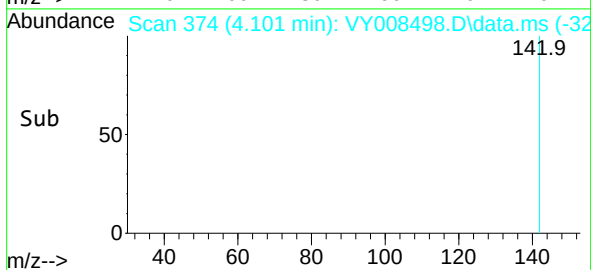
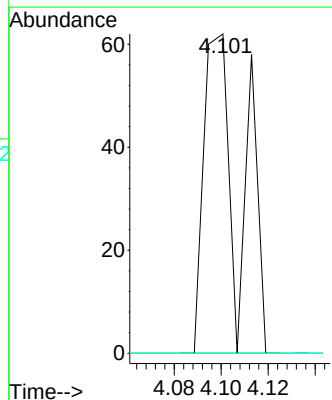
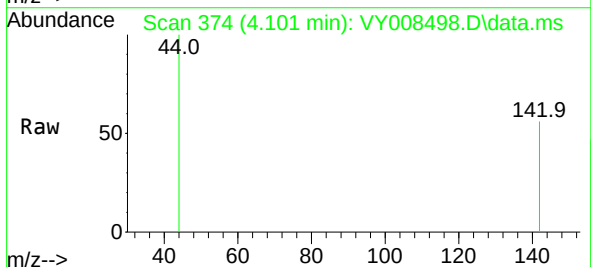
Instrument :
MSVOA_Y
ClientSampleId :
TP-11

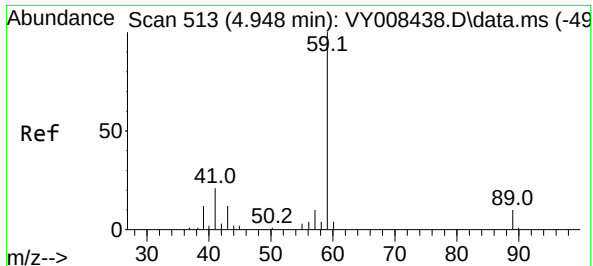
Tgt Ion:168 Resp: 42386
Ion Ratio Lower Upper
168 100
99 56.1 46.9 70.3



#10
Methyl Iodide
Concen: 1.792 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion:142 Resp: 66
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

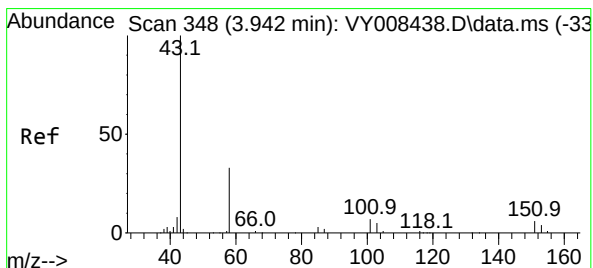
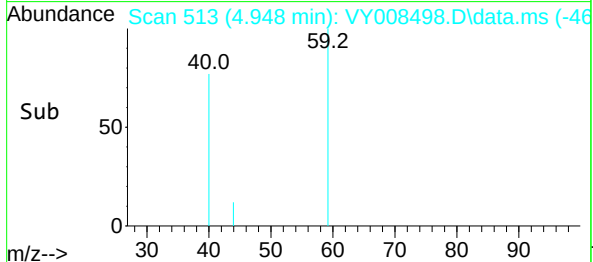
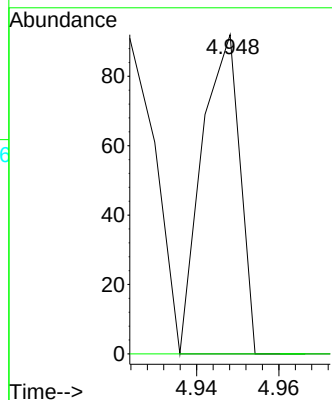
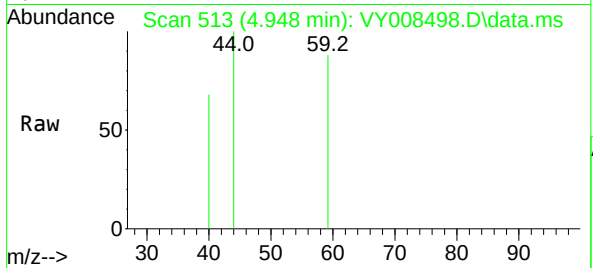




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

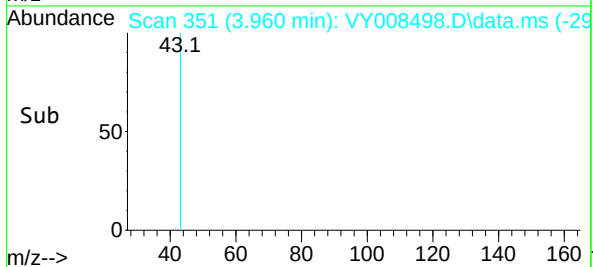
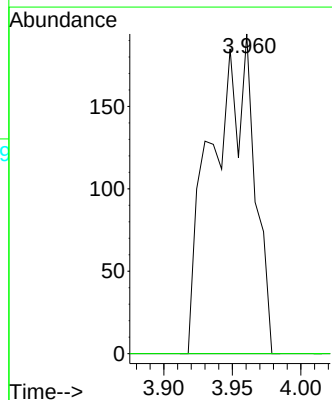
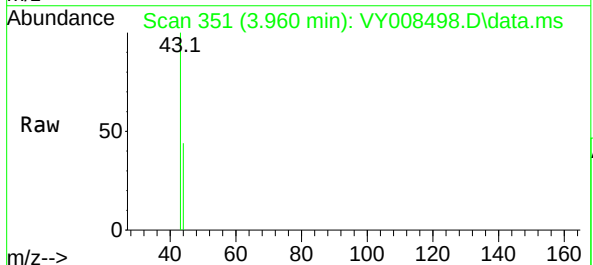
Instrument :
MSVOA_Y
ClientSampleId :
TP-11

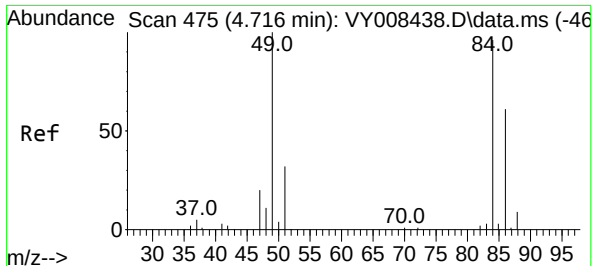
Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 3.564 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

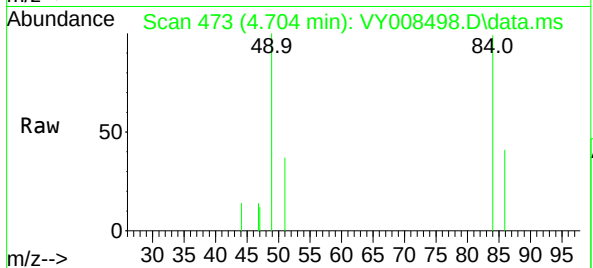
Tgt Ion: 43 Resp: 414
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#





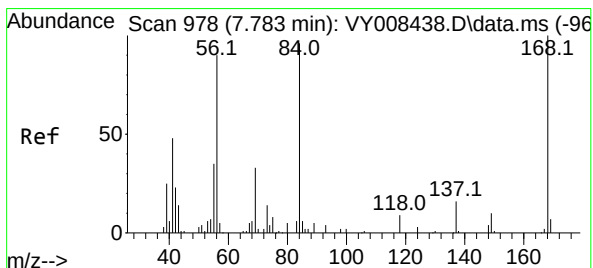
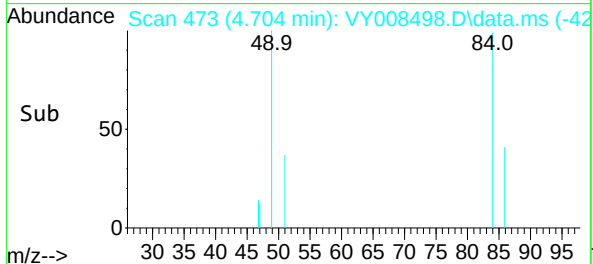
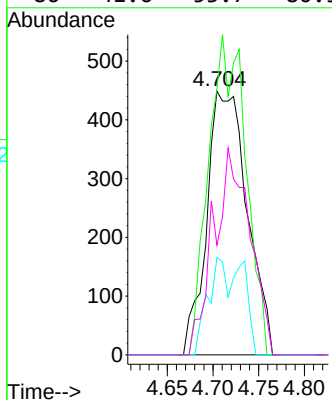
#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 84 Resp: 1382

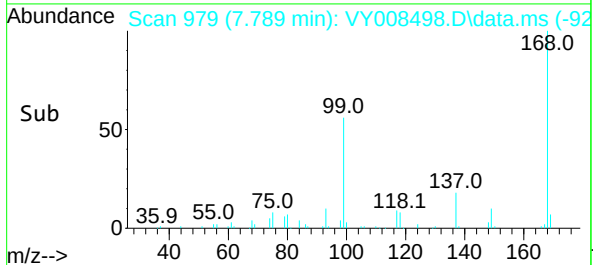
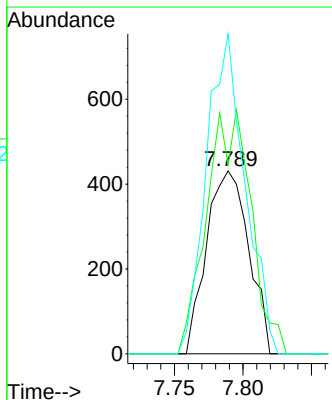
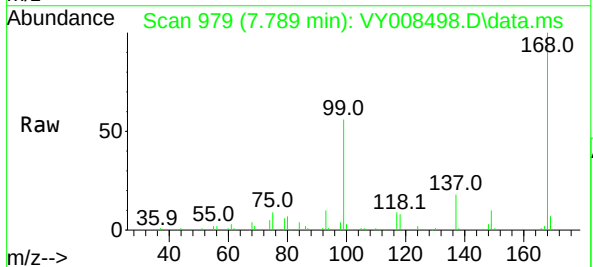
Ion	Ratio	Lower	Upper
84	100		
49	100.9	114.4	171.6#
51	37.0	35.3	52.9
86	41.6	53.7	80.5#

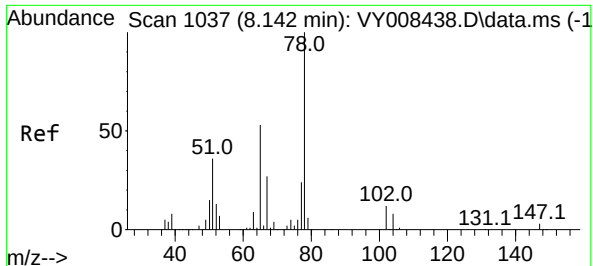


#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion: 56 Resp: 924

Ion	Ratio	Lower	Upper
56	100		
69	103.2	26.7	40.1#
84	174.9	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 47.772 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VY008498.D

Acq: 26 Apr 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

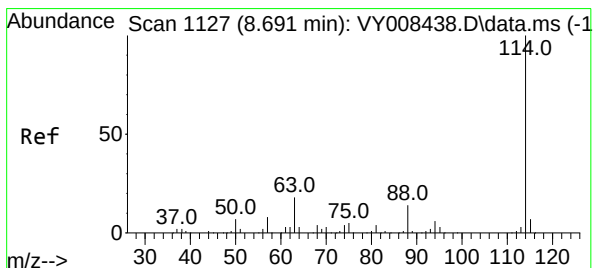
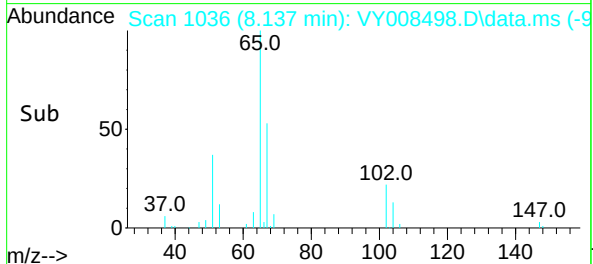
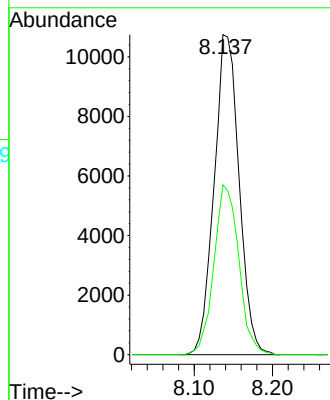
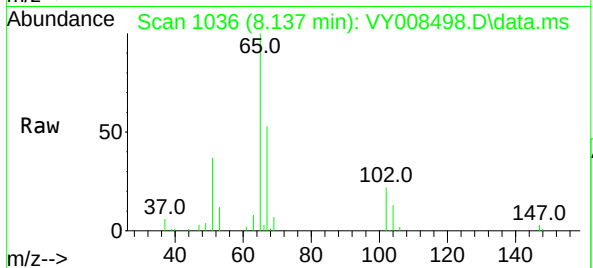
TP-11

Tgt Ion: 65 Resp: 23825

Ion Ratio Lower Upper

65 100

67 52.9 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: VY008498.D

Acq: 26 Apr 2022 12:56

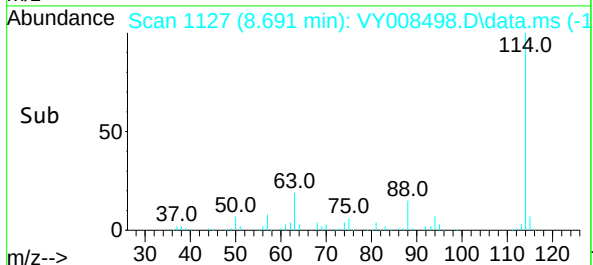
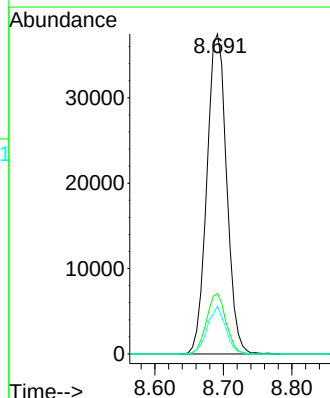
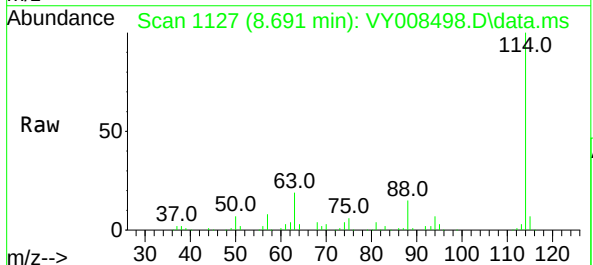
Tgt Ion: 114 Resp: 75130

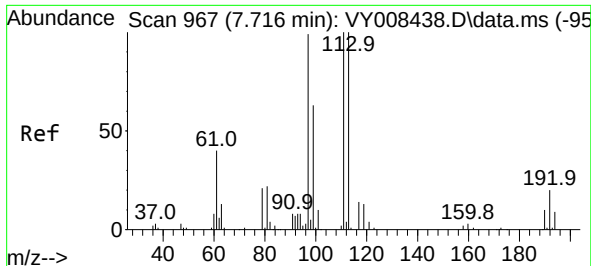
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 15.0 0.0 31.8

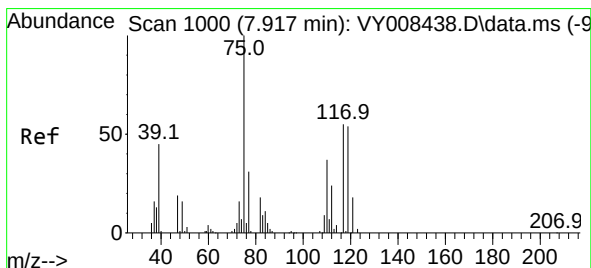
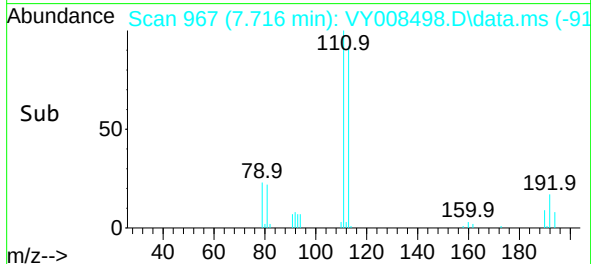
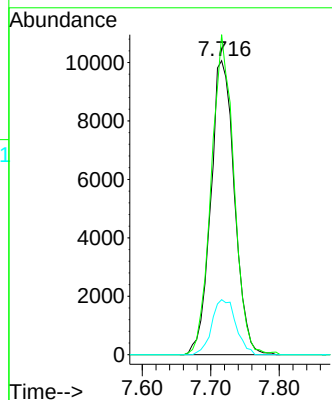
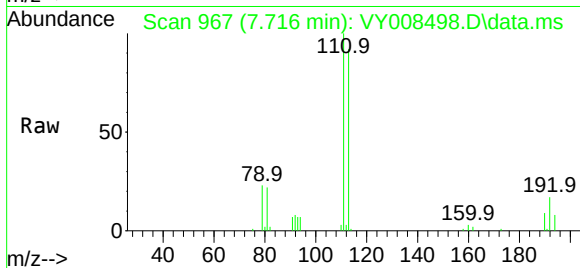




#35
 Dibromofluoromethane
 Concen: 49.904 ug/l
 RT: 7.716 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: VY008498.D
 Acq: 26 Apr 2022 12:56

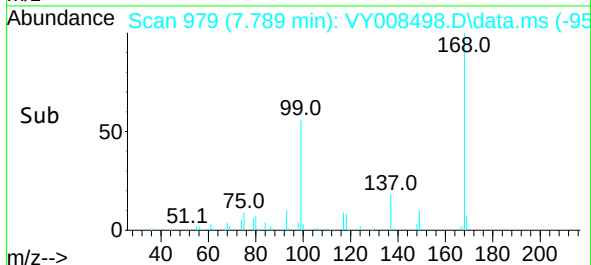
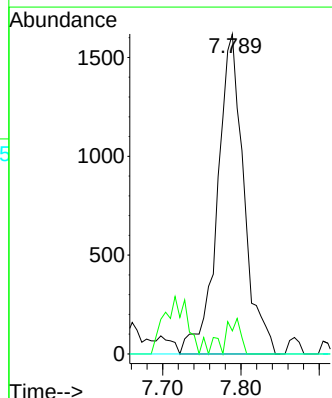
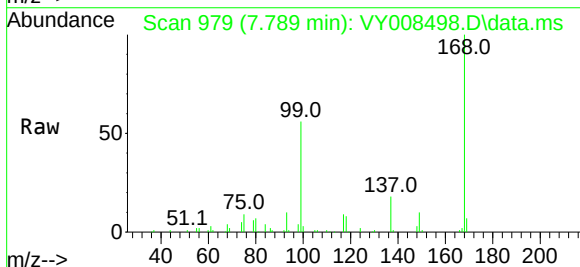
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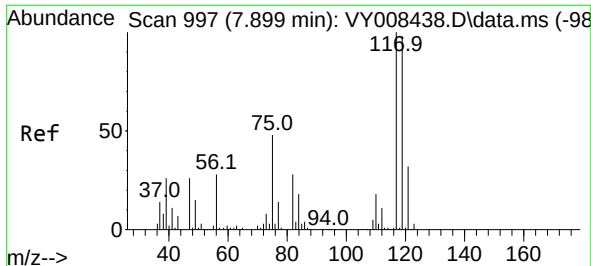
Tgt Ion:	113	Resp:	24197
Ion	Ratio	Lower	Upper
113	100		
111	103.9	82.6	124.0
192	18.9	17.6	26.4



#36
 1,1-Dichloropropene
 Concen: 4.919 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.128 min
 Lab File: VY008498.D
 Acq: 26 Apr 2022 12:56

Tgt Ion:	75	Resp:	3794
Ion	Ratio	Lower	Upper
75	100		
110	6.8	17.1	51.2#
77	0.0	24.4	36.6#

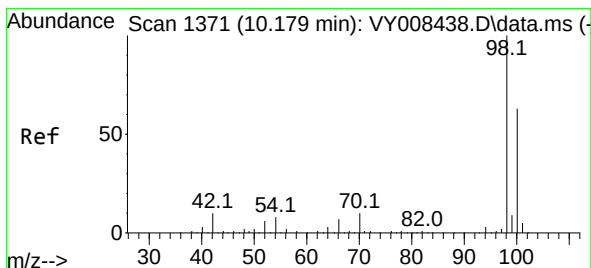
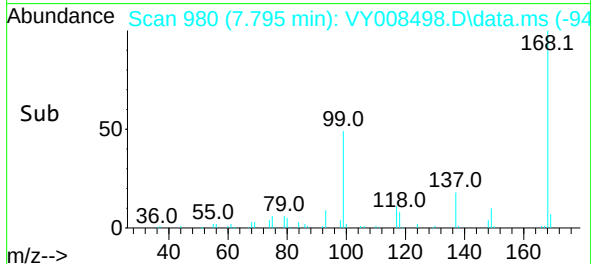
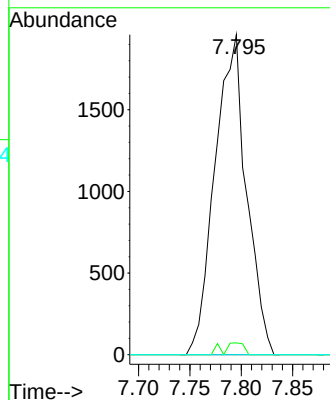
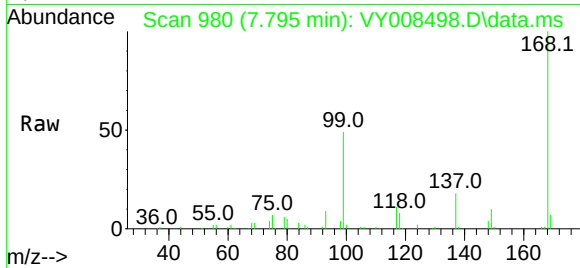




#38
Carbon Tetrachloride
Concen: 5.225 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

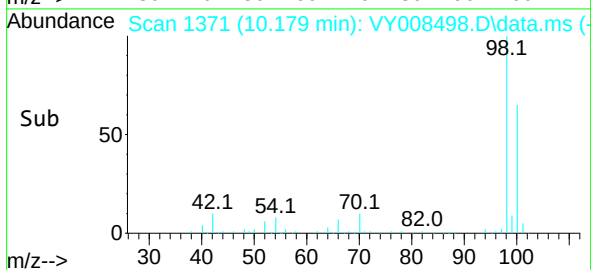
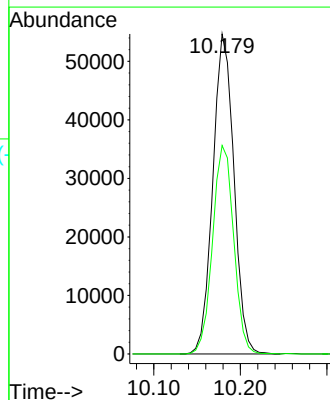
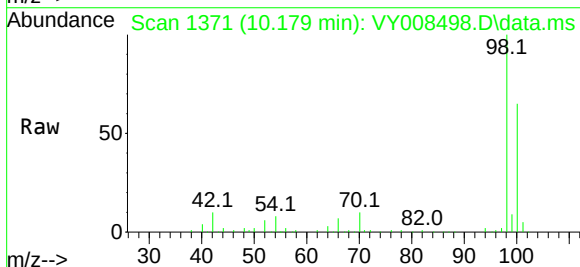
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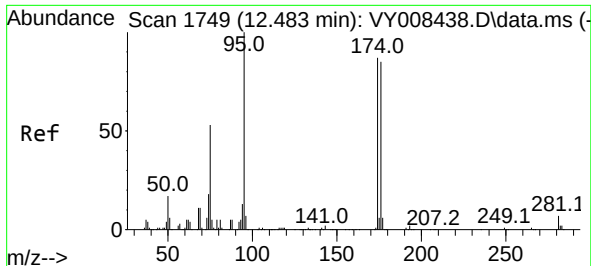
Tgt Ion:117 Resp: 4187
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 47.886 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008498.D
Acq: 26 Apr 2022 12:56

Tgt Ion: 98 Resp: 92346
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 45.037 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY008498.D

Acq: 26 Apr 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-11

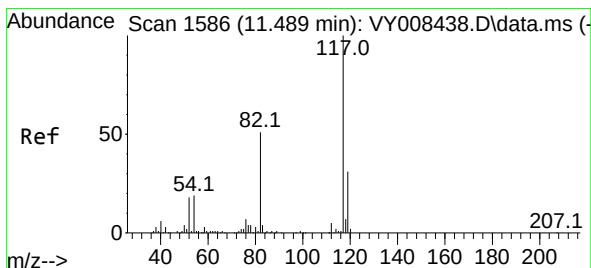
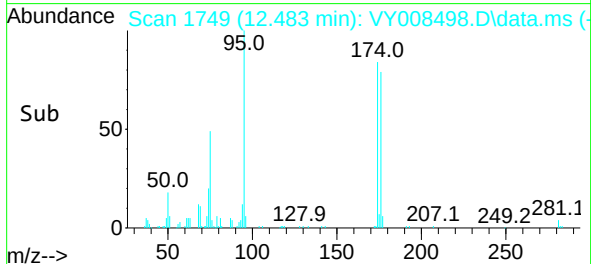
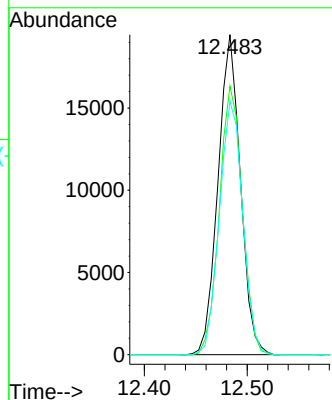
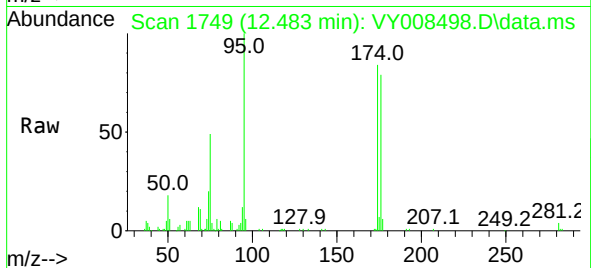
Tgt Ion: 95 Resp: 29405

Ion Ratio Lower Upper

95 100

174 85.9 0.0 177.0

176 82.5 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY008498.D

Acq: 26 Apr 2022 12:56

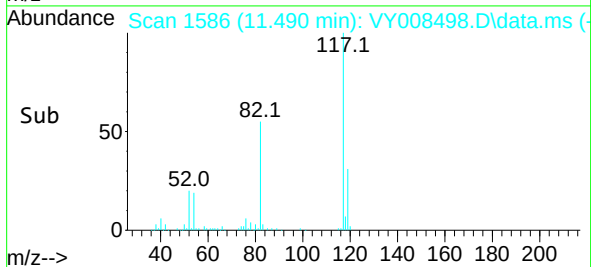
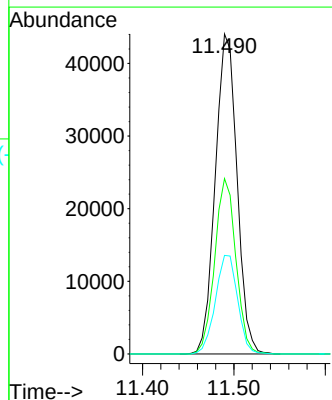
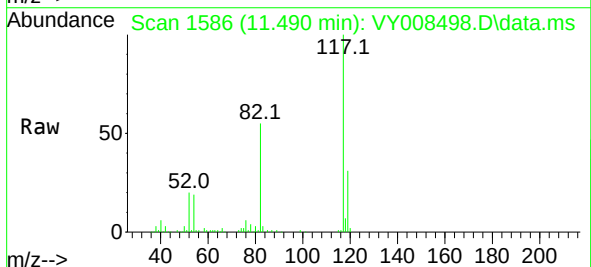
Tgt Ion: 117 Resp: 72855

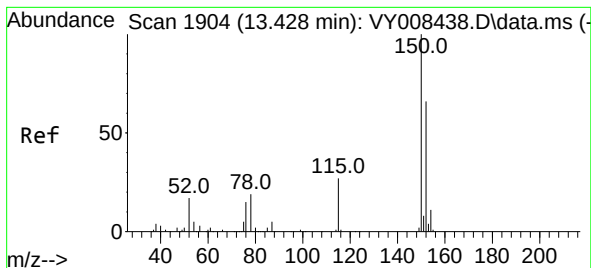
Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.4

119 30.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008498.D

Acq: 26 Apr 2022 12:56

Instrument :

MSVOA_Y

ClientSampleId :

TP-11

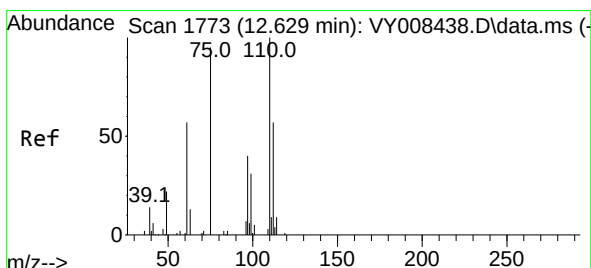
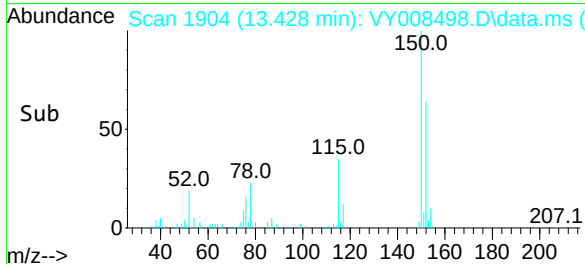
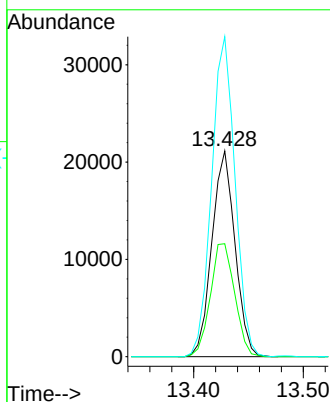
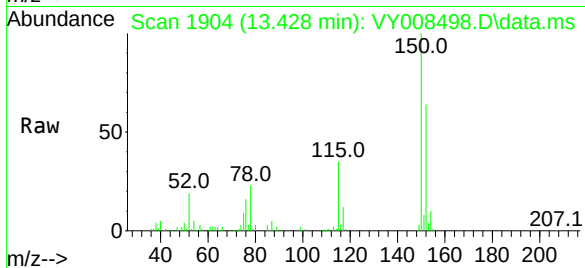
Tgt Ion:152 Resp: 30957

Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 157.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.245 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008498.D

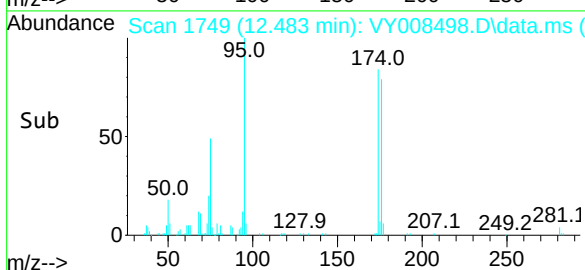
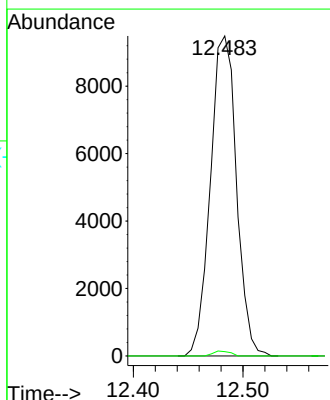
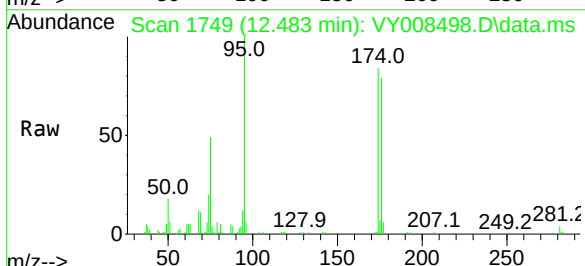
Acq: 26 Apr 2022 12:56

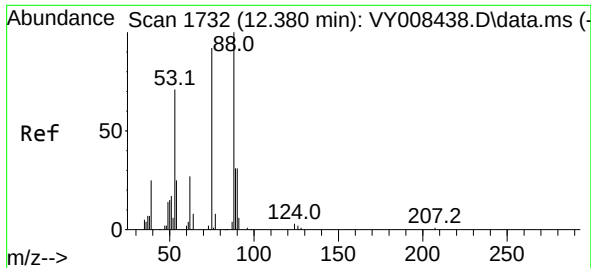
Tgt Ion: 75 Resp: 15723

Ion Ratio Lower Upper

75 100

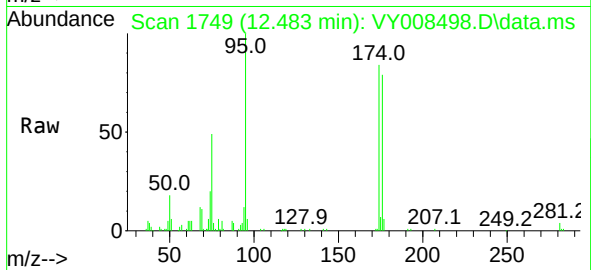
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.045 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008498.D
 Acq: 26 Apr 2022 12:56

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-11



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

