

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012979.D
 Acq On : 16 Mar 2023 18:39
 Operator : KP/MD
 Sample : 01964-10
 Misc : 3.66g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-6

Quant Time: Mar 17 01:39:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

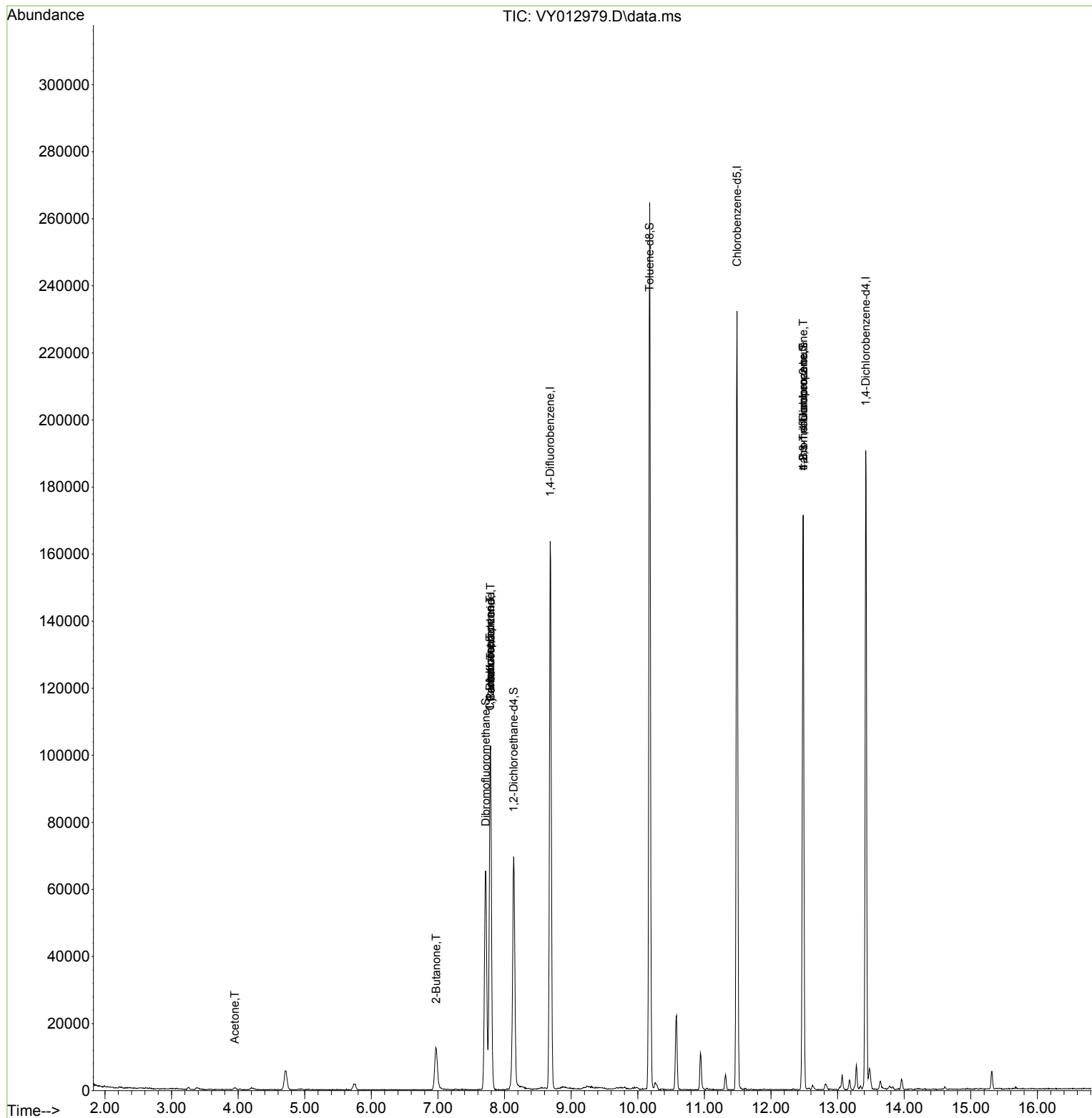
Internal Standards						
1) Pentafluorobenzene	7.789	168	80870	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	136652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	121541	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	49970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	51096	63.637	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.280%	
35) Dibromofluoromethane	7.716	113	45676	55.385	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.780%	
50) Toluene-d8	10.179	98	164897	54.694	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.380%	
62) 4-Bromofluorobenzene	12.483	95	45788	44.996	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	391	Below Cal	#	74
16) Acetone	3.948	43	1168	3.706	ug/l	91
20) Methylene Chloride	4.704	84	4268	Below Cal	#	86
25) 2-Butanone	6.972	43	815	2.088	ug/l	# 49
31) Cyclohexane	7.783	56	1935	1.258	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	6501	4.704	ug/l	# 48
38) Carbon Tetrachloride	7.789	117	7881	5.522	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	24804	41.567	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	24804	86.128	ug/l	# 13

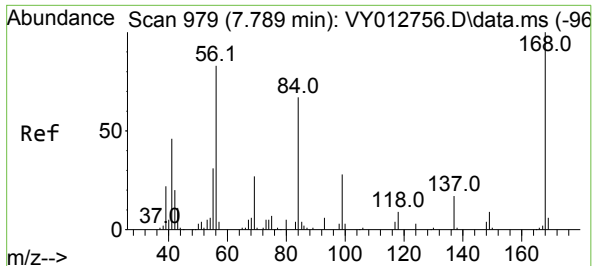
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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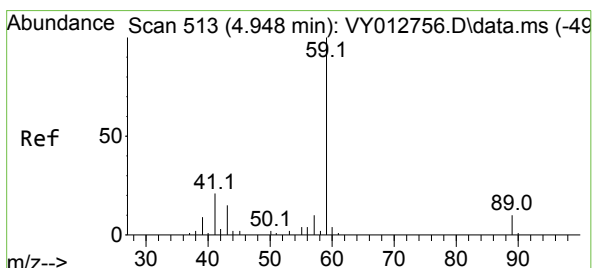
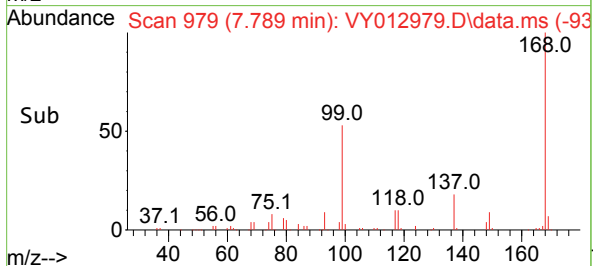
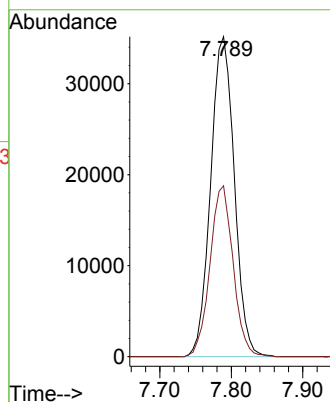
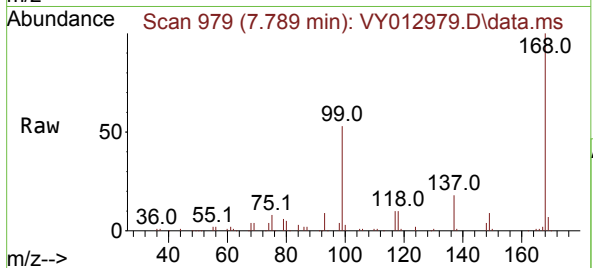




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

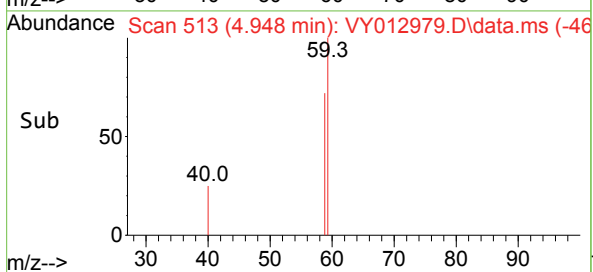
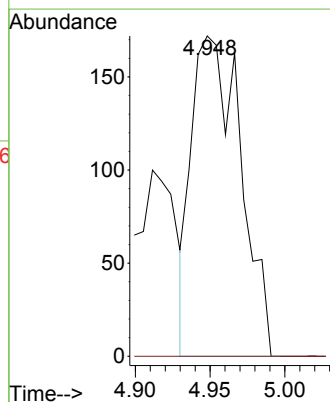
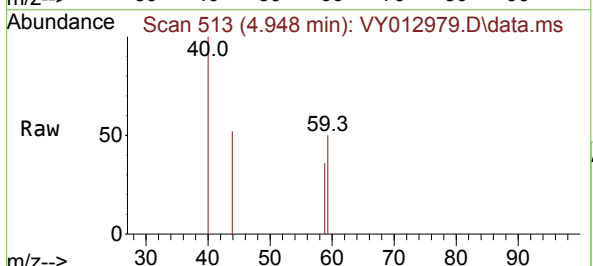
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-6

Tgt Ion:168 Resp: 80870
Ion Ratio Lower Upper
168 100
99 53.4 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

Tgt Ion: 59 Resp: 391
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 3.706 ug/l

RT: 3.948 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

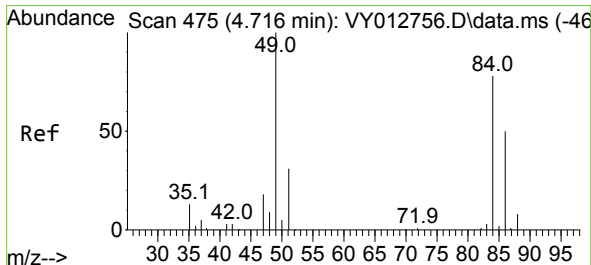
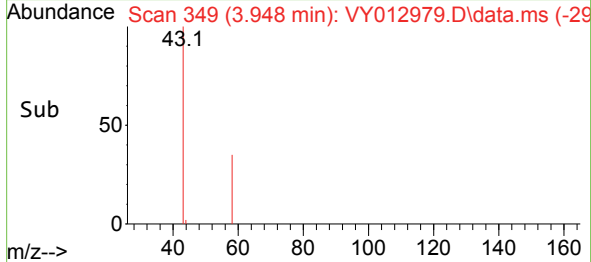
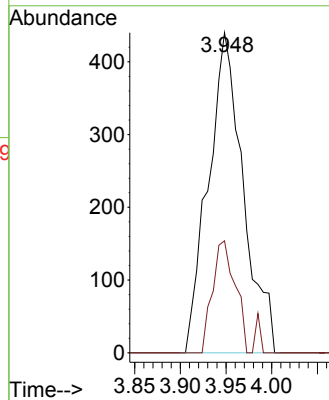
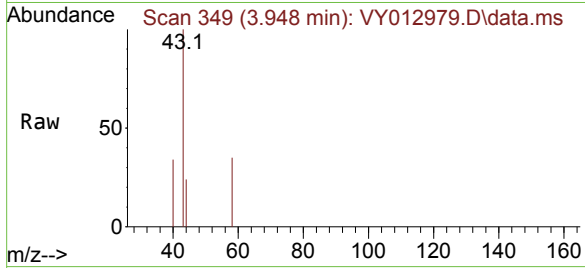
MAPLE-6

Tgt Ion: 43 Resp: 1168

Ion Ratio Lower Upper

43 100

58 35.0 24.2 36.2



#20

Methylene Chloride

Concen: Below Cal

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

Tgt Ion: 84 Resp: 4268

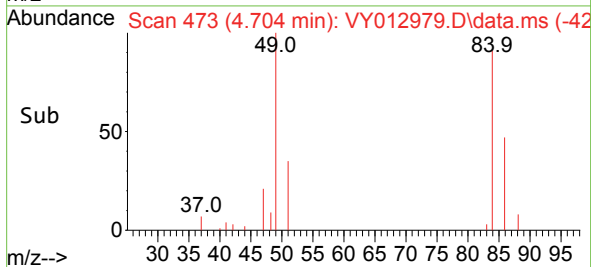
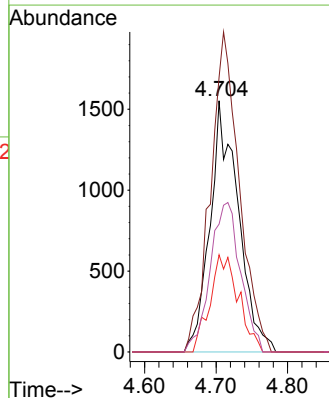
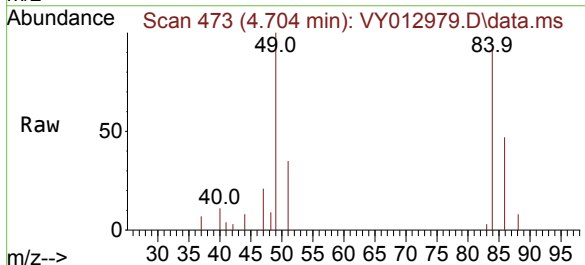
Ion Ratio Lower Upper

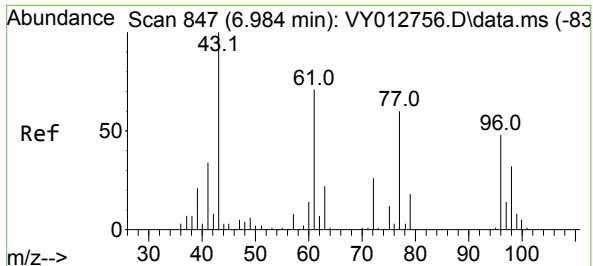
84 100

49 109.3 102.6 154.0

51 38.7 31.9 47.9

86 50.9 51.0 76.6#





#25

2-Butanone

Concen: 2.088 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

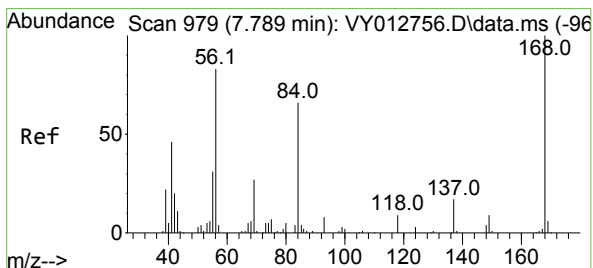
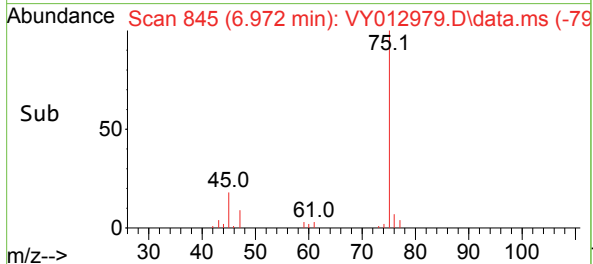
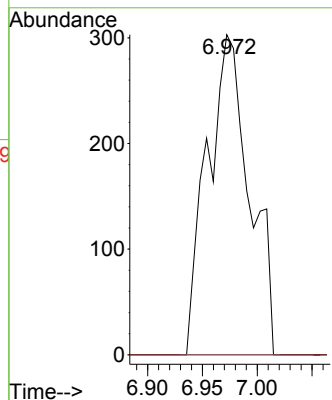
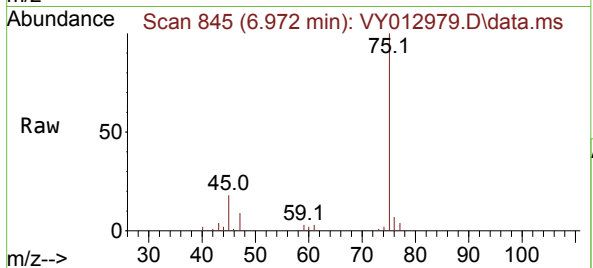
MAPLE-6

Tgt Ion: 43 Resp: 815

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.258 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

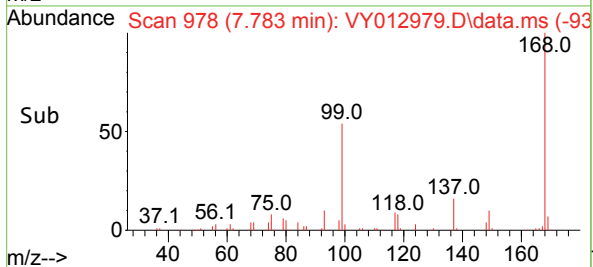
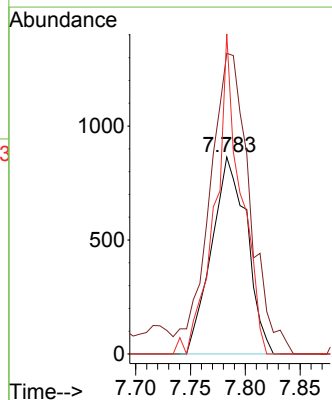
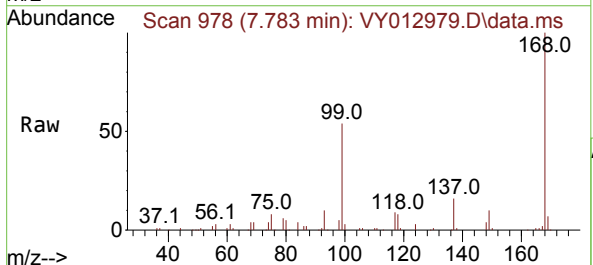
Tgt Ion: 56 Resp: 1935

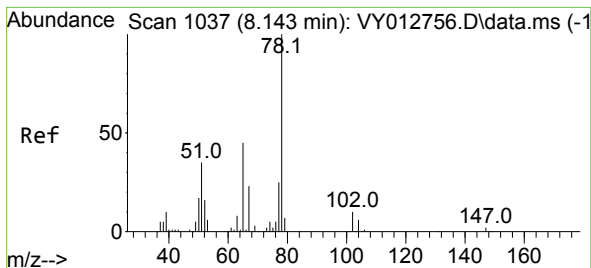
Ion Ratio Lower Upper

56 100

69 140.5 25.7 38.5#

84 162.5 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 63.637 ug/l

RT: 8.137 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

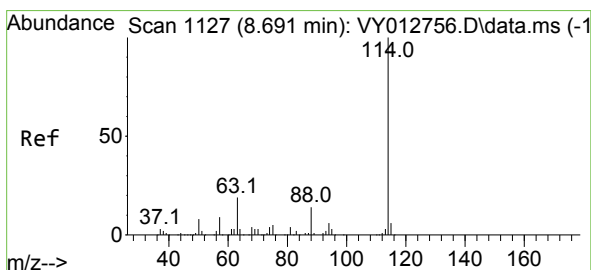
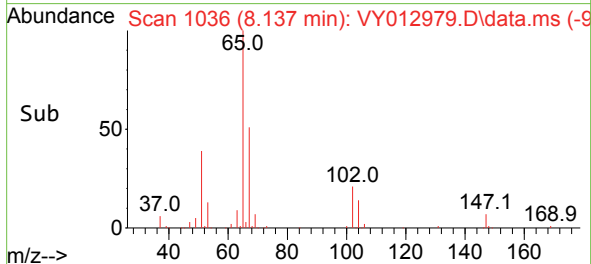
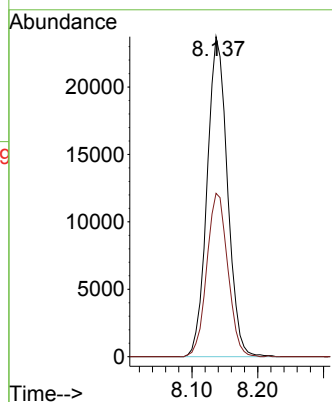
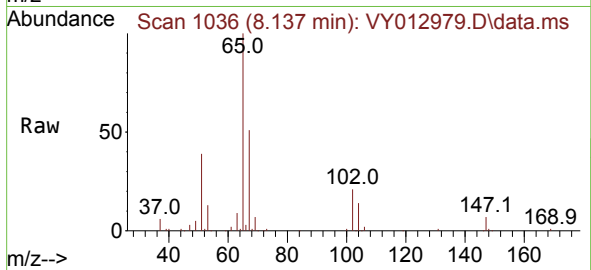
MAPLE-6

Tgt Ion: 65 Resp: 51096

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

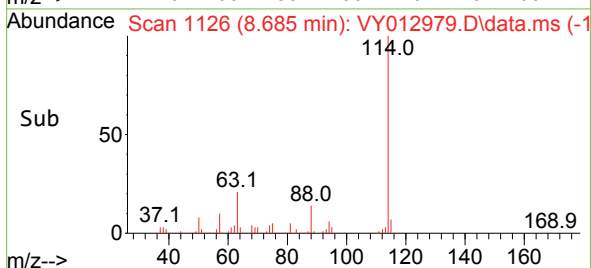
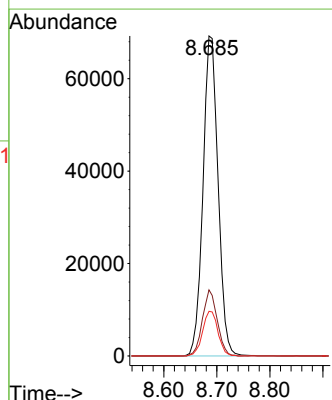
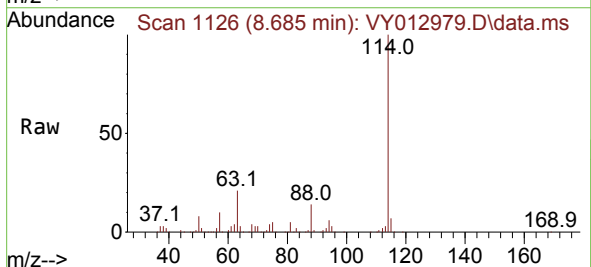
Tgt Ion: 114 Resp: 136652

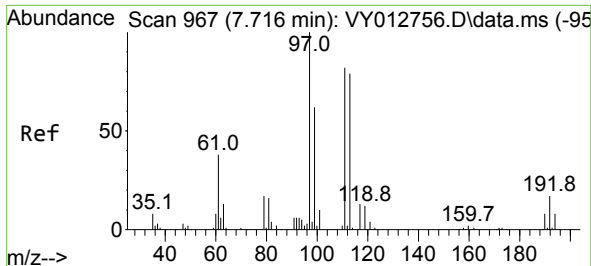
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.4

88 14.0 0.0 28.6

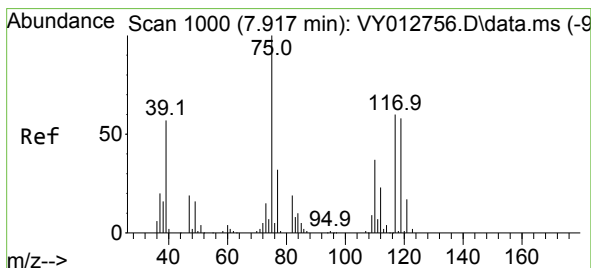
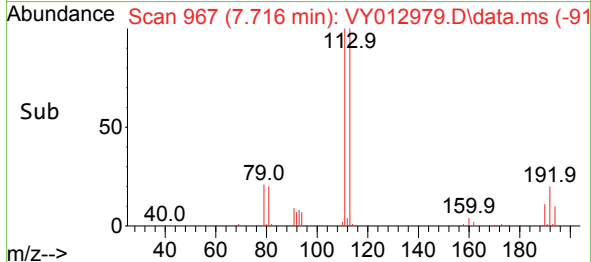
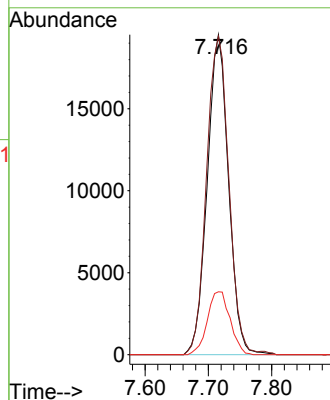
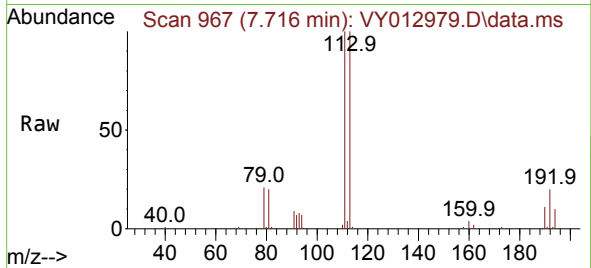




#35
Dibromofluoromethane
Concen: 55.385 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

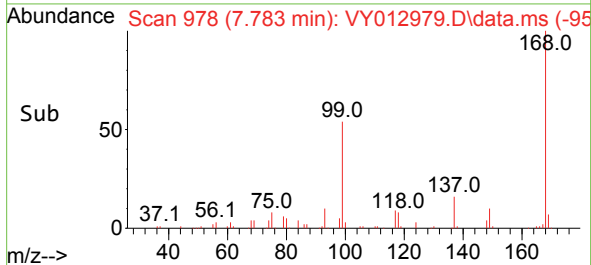
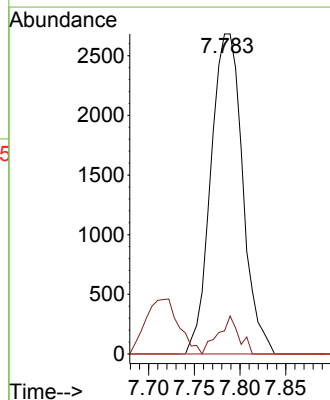
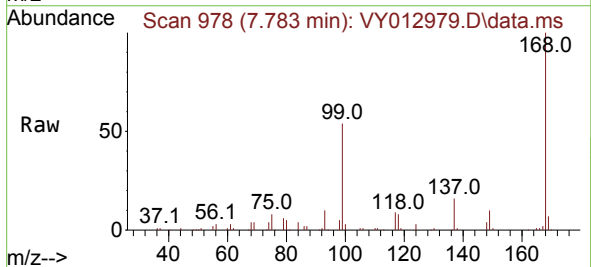
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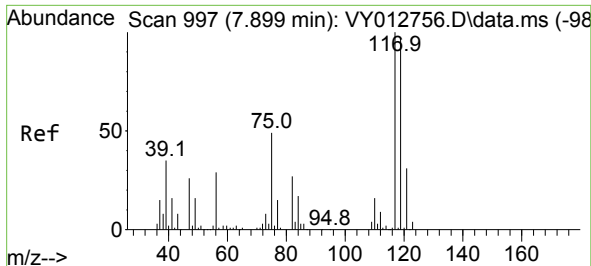
Tgt Ion:113 Resp: 45676
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.2
192 21.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.704 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

Tgt Ion: 75 Resp: 6501
Ion Ratio Lower Upper
75 100
110 7.7 17.8 53.3#
77 0.0 25.0 37.4#

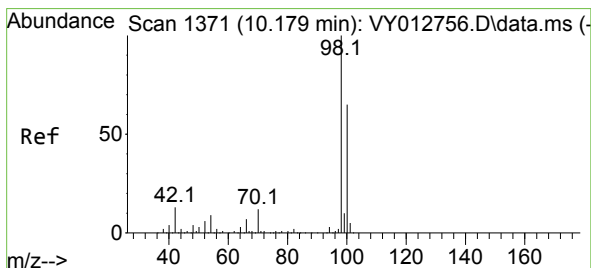
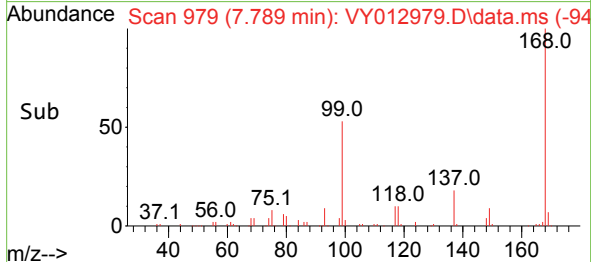
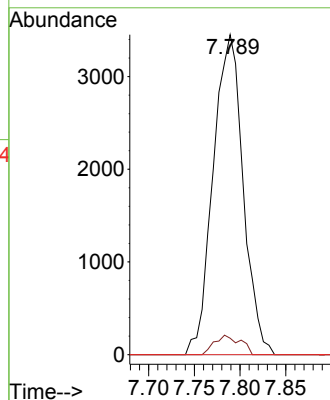
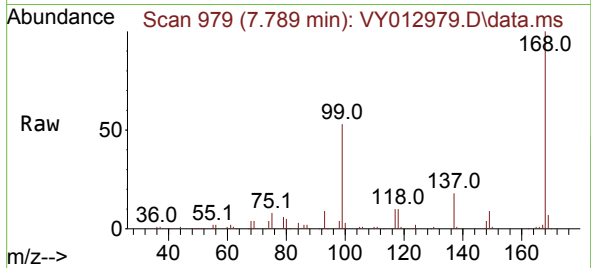




#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

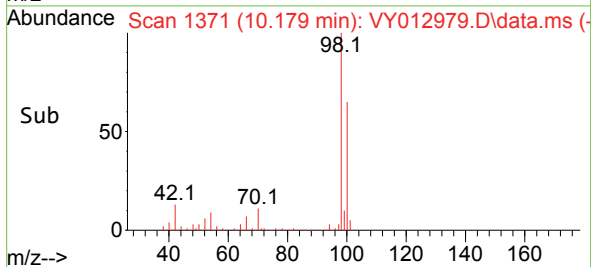
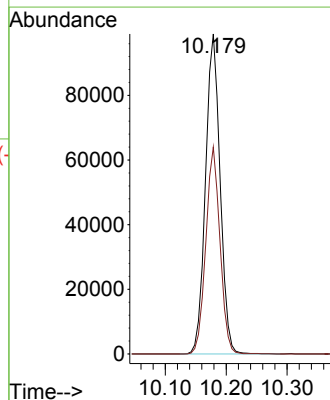
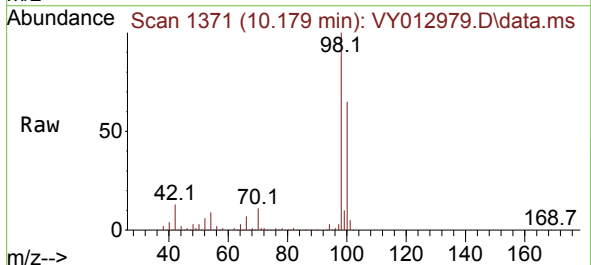
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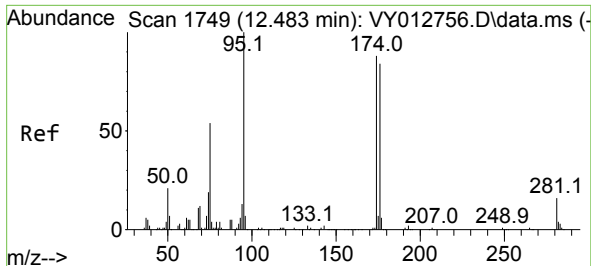
Tgt Ion:117 Resp: 7881
Ion Ratio Lower Upper
117 100
119 5.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.694 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

Tgt Ion: 98 Resp: 164897
Ion Ratio Lower Upper
98 100
100 62.8 50.9 76.3

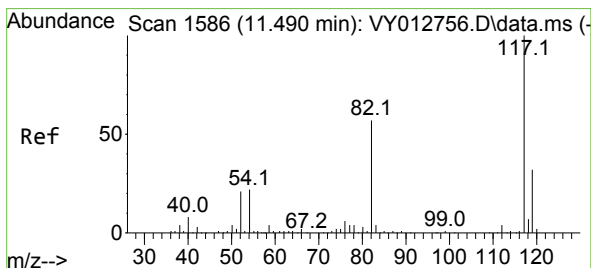
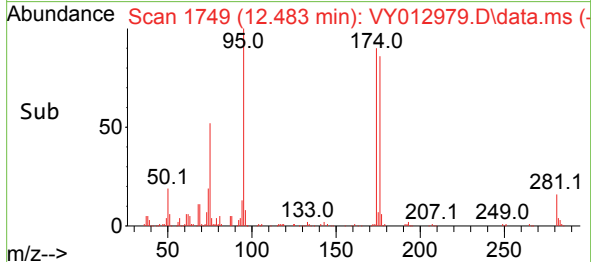
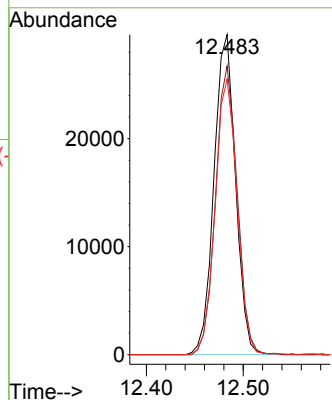
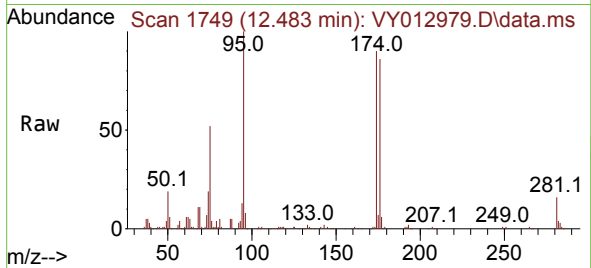




#62
4-Bromofluorobenzene
Concen: 44.996 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

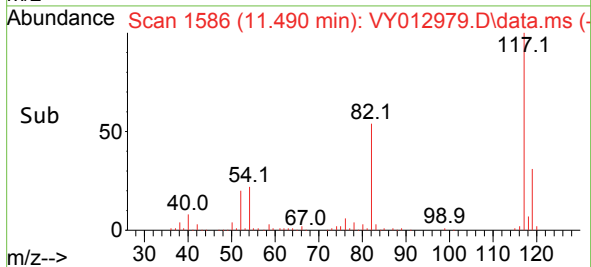
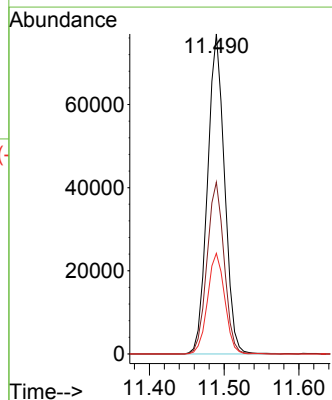
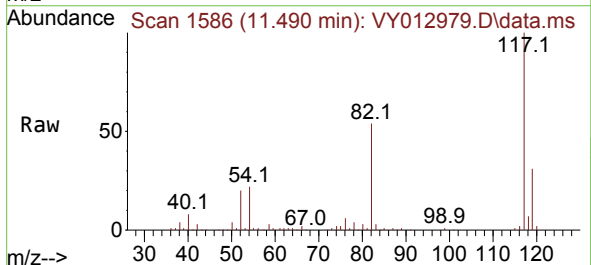
Instrument :
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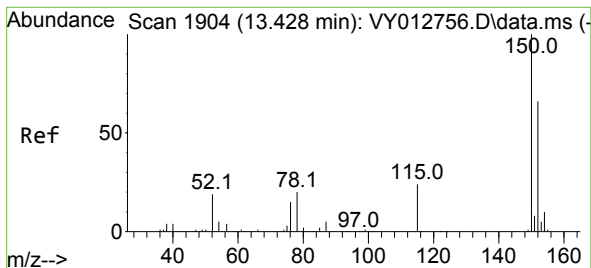
Tgt Ion: 95 Resp: 45788
Ion Ratio Lower Upper
95 100
174 91.0 0.0 176.6
176 87.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012979.D
Acq: 16 Mar 2023 18:39

Tgt Ion: 117 Resp: 121541
Ion Ratio Lower Upper
117 100
82 53.7 45.4 68.0
119 31.5 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY012979.D

Acq: 16 Mar 2023 18:39

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-6

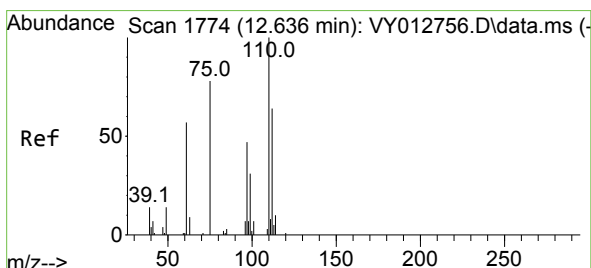
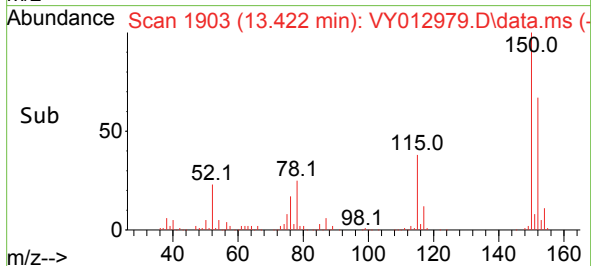
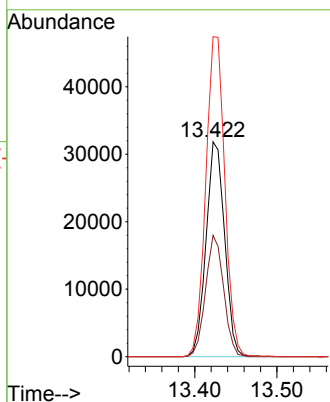
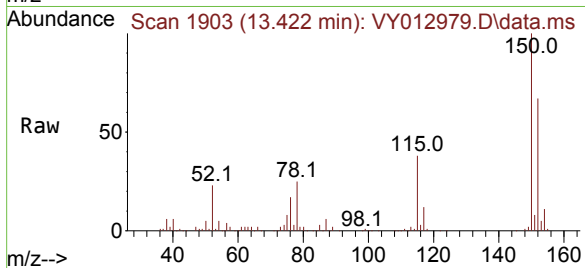
Tgt Ion:152 Resp: 49970

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 152.2 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 41.567 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012979.D

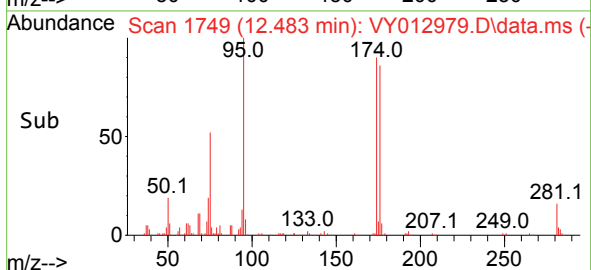
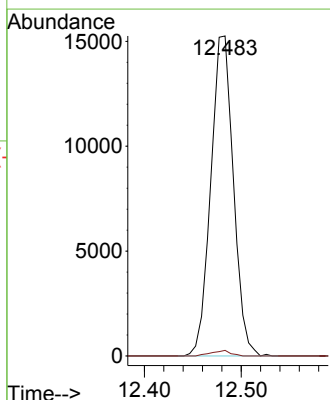
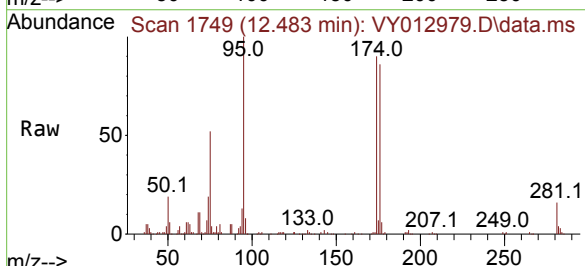
Acq: 16 Mar 2023 18:39

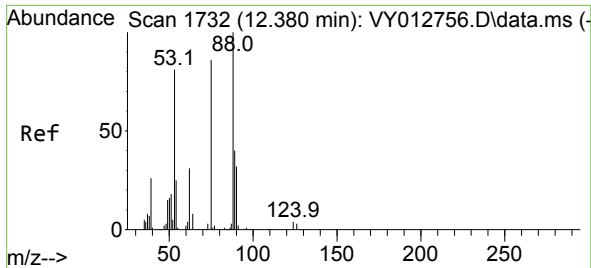
Tgt Ion: 75 Resp: 24804

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.128 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012979.D
 Acq: 16 Mar 2023 18:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-6

Tgt Ion: 75 Resp: 24804
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.4 110.0#
 89 0.0 36.6 55.0#

