

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030923\
 Data File : VY012897.D
 Acq On : 09 Mar 2023 14:30
 Operator : KP/MD
 Sample : 01834-04
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Quant Time: Mar 10 00:30:42 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)

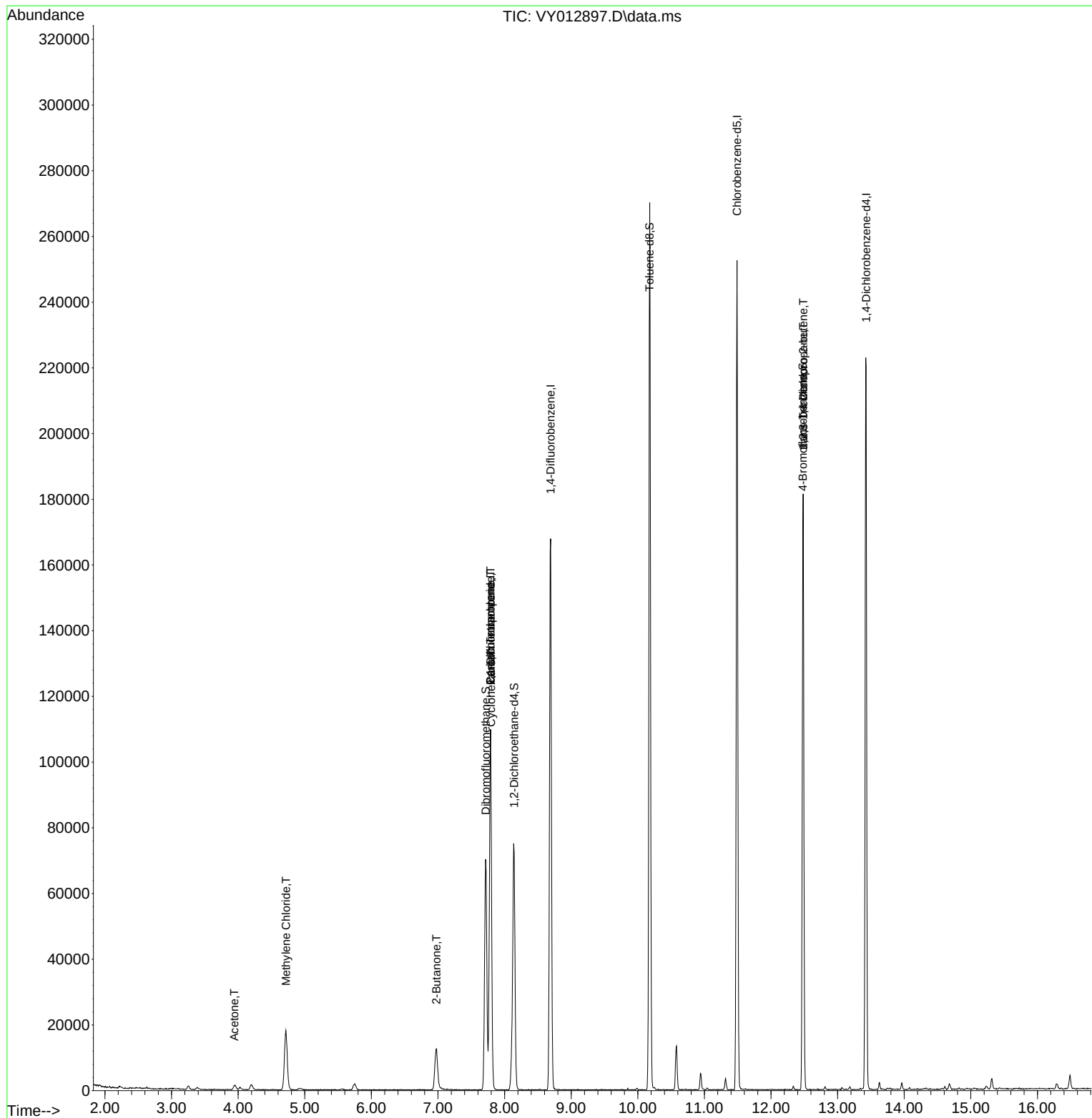
Internal Standards						
1) Pentafluorobenzene	7.789	168	85043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	143546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	130585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	58548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	54330	64.344	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 128.680%	
35) Dibromofluoromethane	7.716	113	49159	56.746	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 113.500%	
50) Toluene-d8	10.179	98	171668	54.205	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 108.420%	
62) 4-Bromofluorobenzene	12.477	95	51140	47.842	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 95.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	591	Below Cal	#	74
16) Acetone	3.942	43	2826	8.527	ug/l	91
20) Methylene Chloride	4.716	84	13015	8.399	ug/l	95
25) 2-Butanone	6.978	43	830	2.022	ug/l	# 49
31) Cyclohexane	7.795	56	1919	1.187	ug/l	# 35
36) 1,1-Dichloropropene	7.789	75	6422	4.424	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	8118	5.415	ug/l	# 15
76) 1,2,3-Trichloropropane	12.483	75	27181	38.877	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	27181	80.554	ug/l	# 13

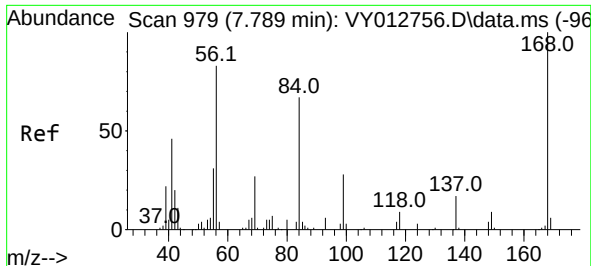
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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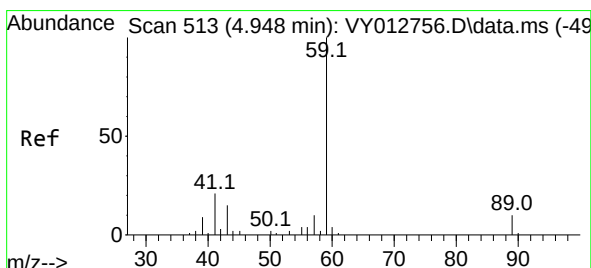
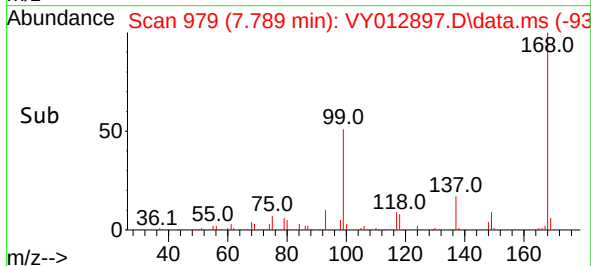
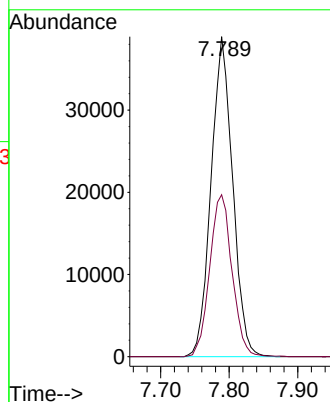
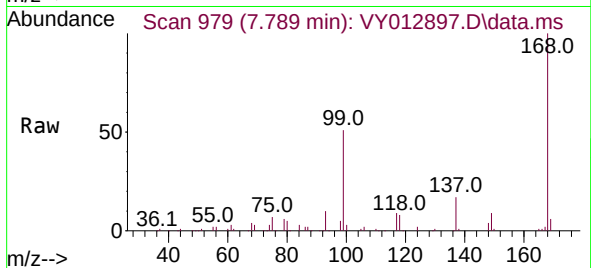




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

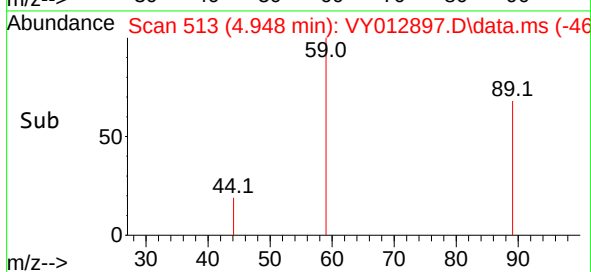
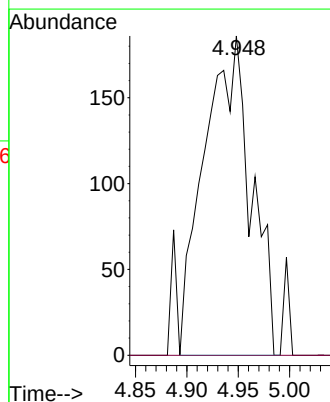
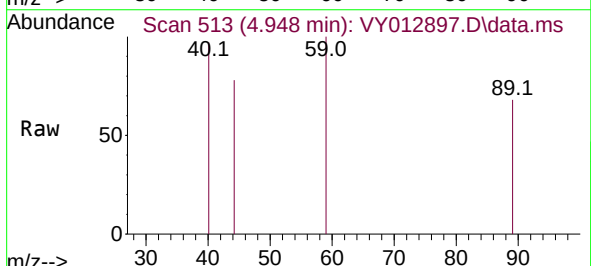
Instrument :
MSVOA_Y
ClientSampleId :
TP-10

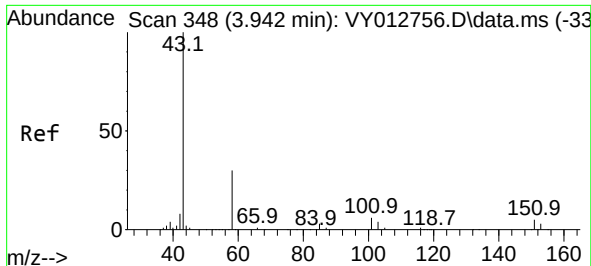
Tgt Ion:168 Resp: 85043
Ion Ratio Lower Upper
168 100
99 50.6 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 59 Resp: 591
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 8.527 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

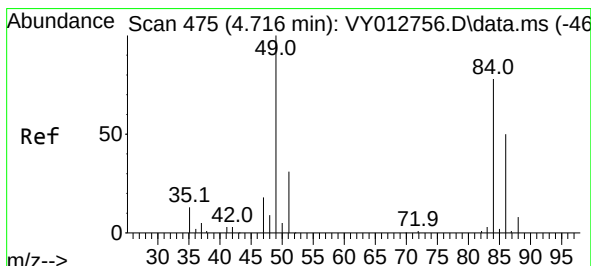
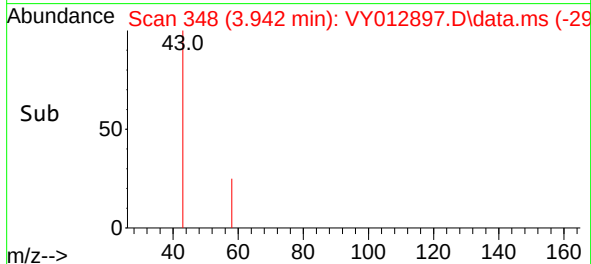
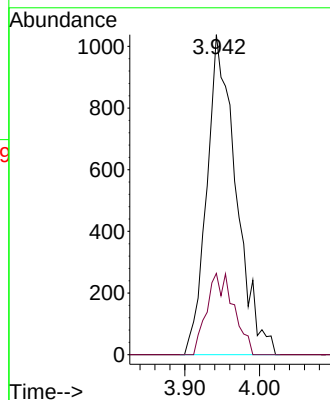
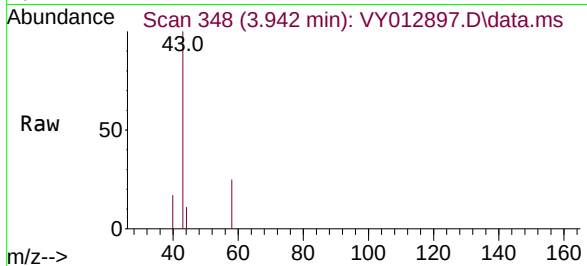
TP-10

Tgt Ion: 43 Resp: 2826

Ion Ratio Lower Upper

43 100

58 25.4 24.2 36.2



#20

Methylene Chloride

Concen: 8.399 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

Tgt Ion: 84 Resp: 13015

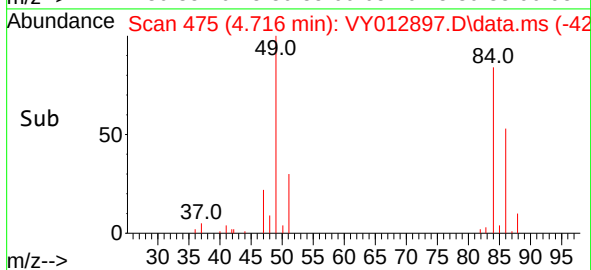
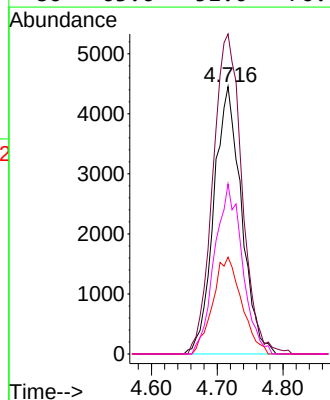
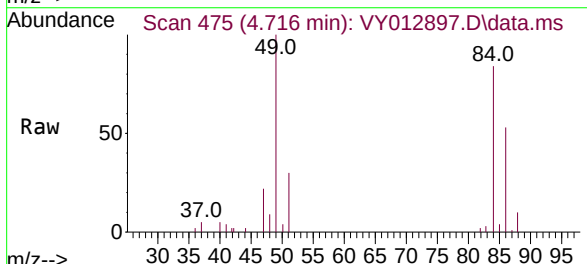
Ion Ratio Lower Upper

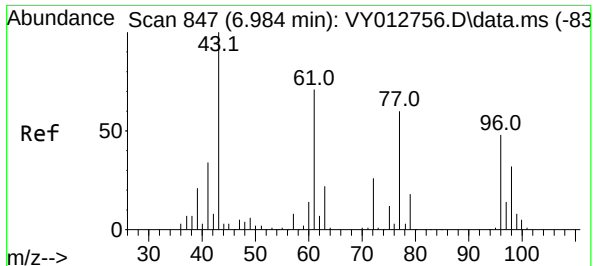
84 100

49 119.7 102.6 154.0

51 36.2 31.9 47.9

86 63.6 51.0 76.6





#25

2-Butanone

Concen: 2.022 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

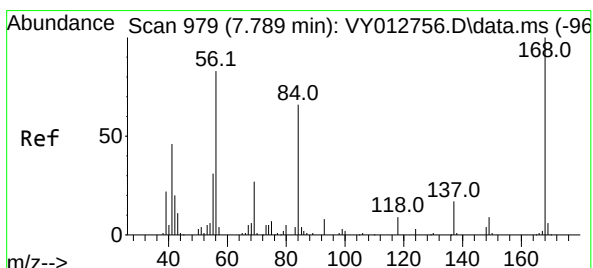
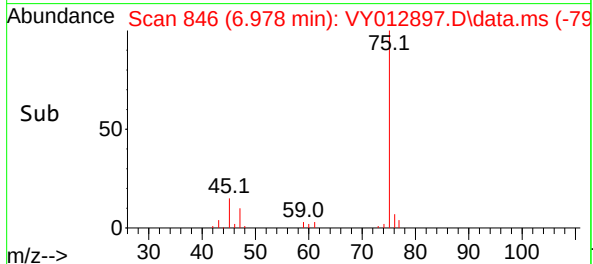
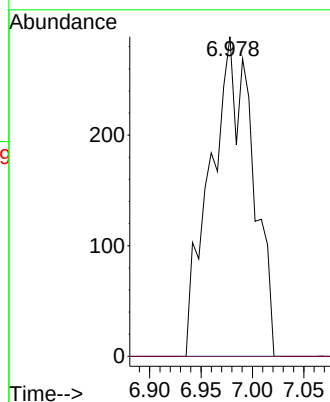
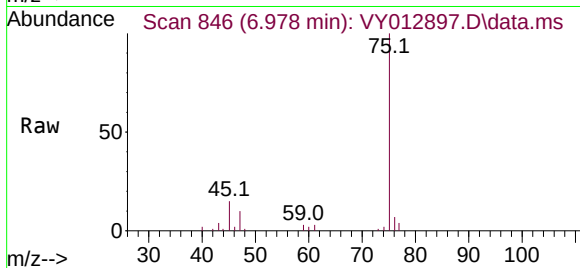
TP-10

Tgt Ion: 43 Resp: 830

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.4#



#31

Cyclohexane

Concen: 1.187 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

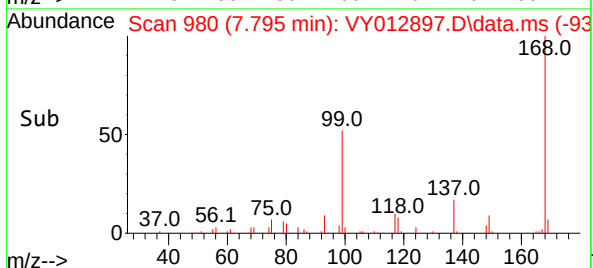
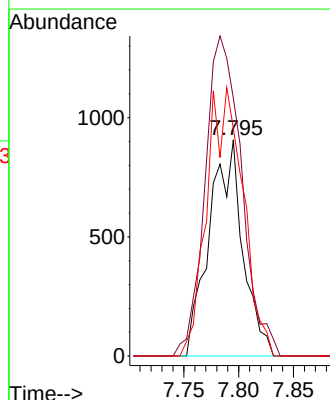
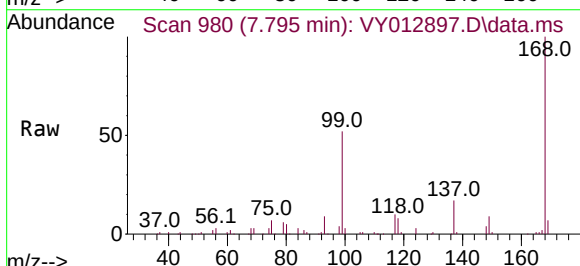
Tgt Ion: 56 Resp: 1919

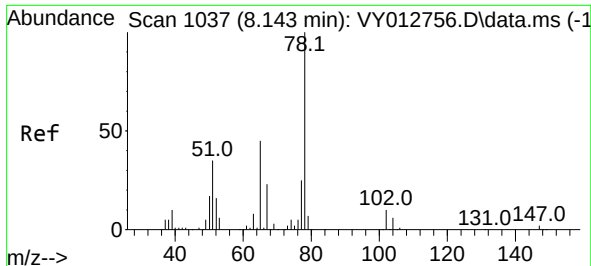
Ion Ratio Lower Upper

56 100

69 119.4 25.7 38.5#

84 105.5 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 64.344 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

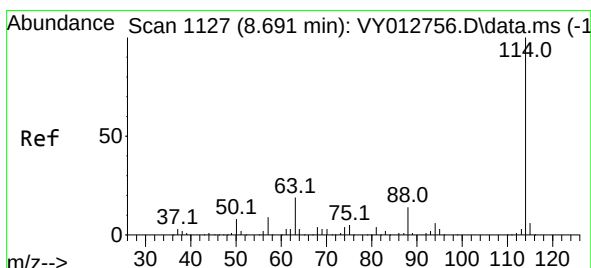
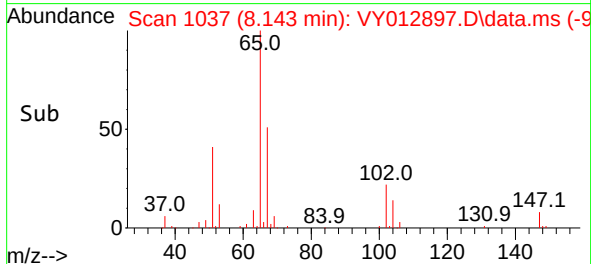
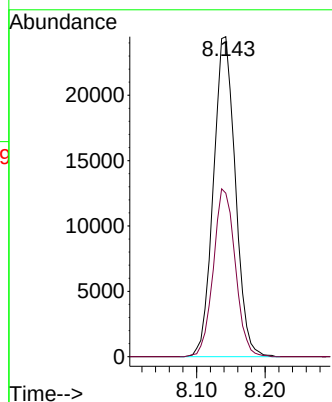
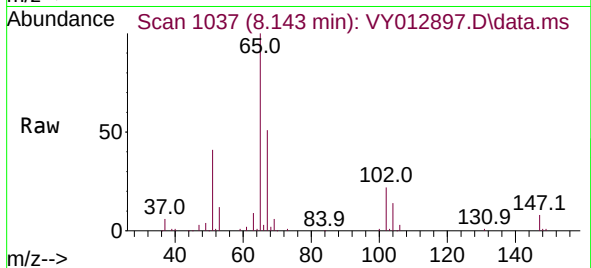
TP-10

Tgt Ion: 65 Resp: 54330

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

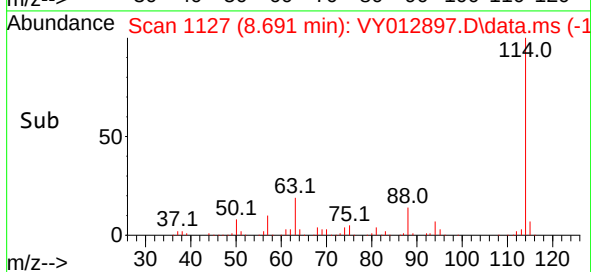
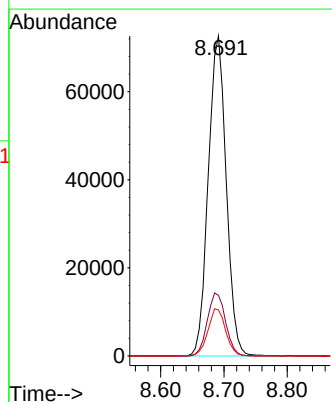
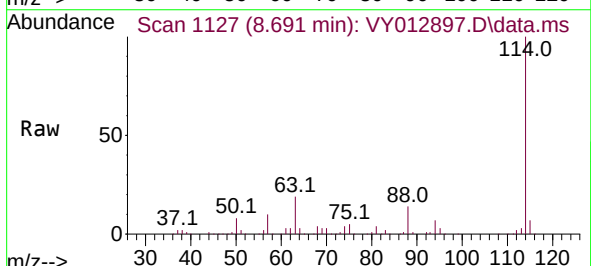
Tgt Ion: 114 Resp: 143546

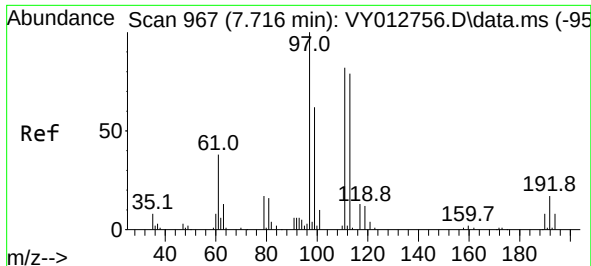
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.4 0.0 28.6

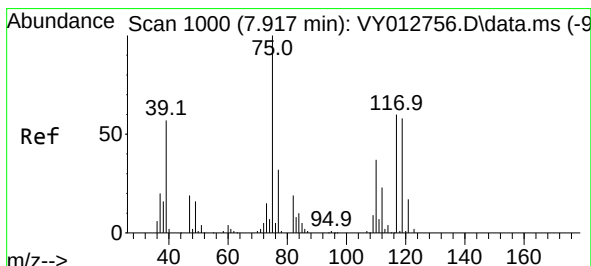
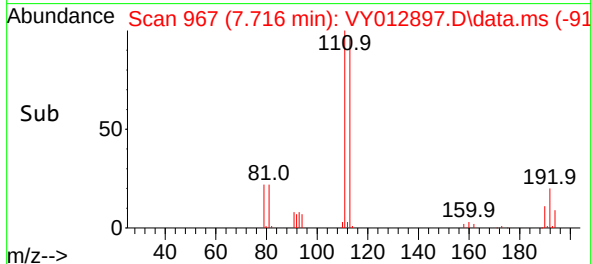
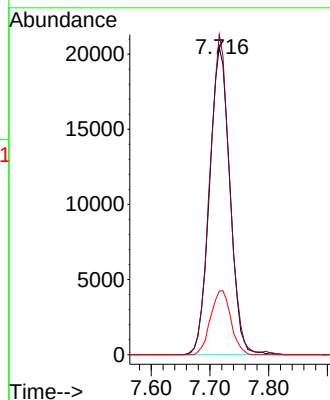
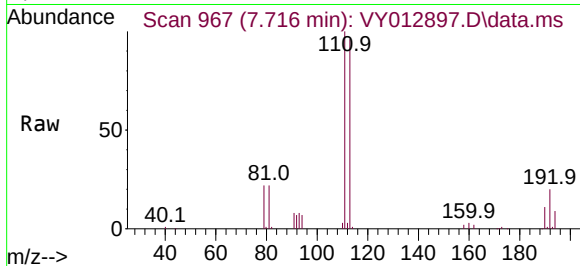




#35
Dibromofluoromethane
Concen: 56.746 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

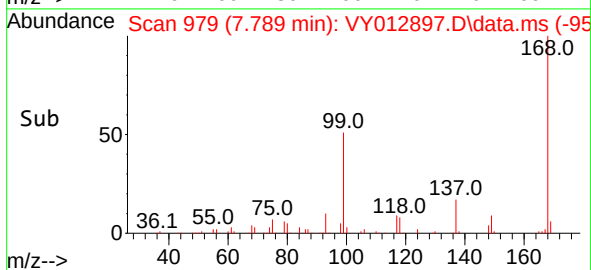
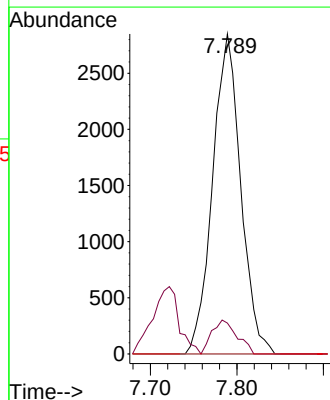
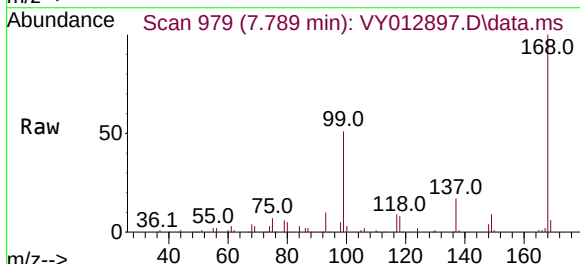
Instrument :
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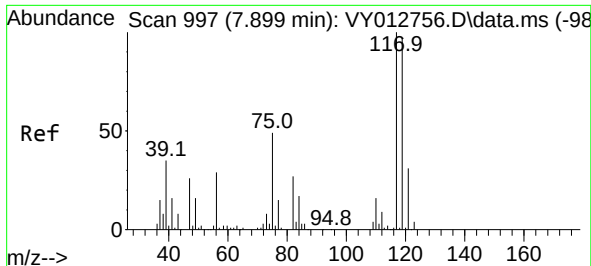
Tgt Ion:113 Resp: 49159
Ion Ratio Lower Upper
113 100
111 101.5 82.2 123.2
192 20.8 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.424 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 75 Resp: 6422
Ion Ratio Lower Upper
75 100
110 9.4 17.8 53.3#
77 0.0 25.0 37.4#

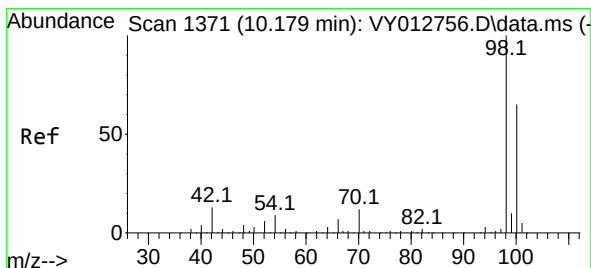
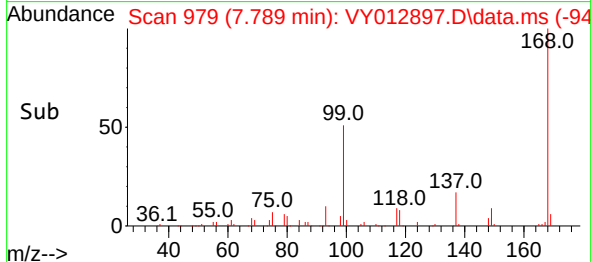
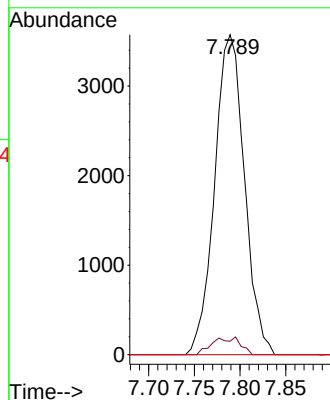
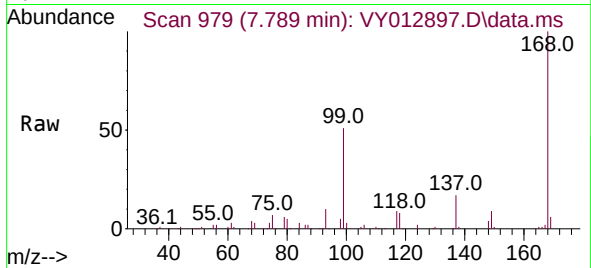




#38
Carbon Tetrachloride
Concen: 5.415 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

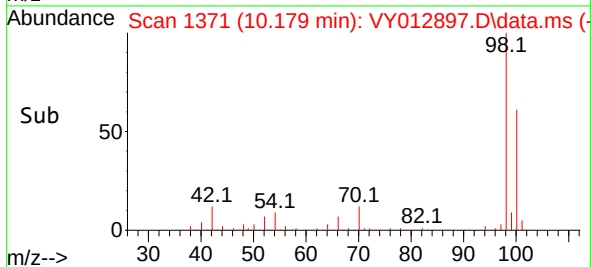
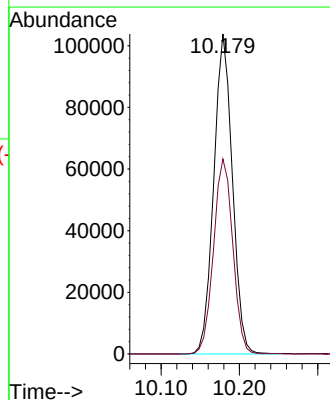
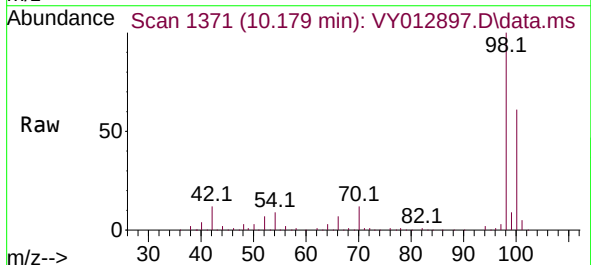
Instrument :
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ClientSampleId :
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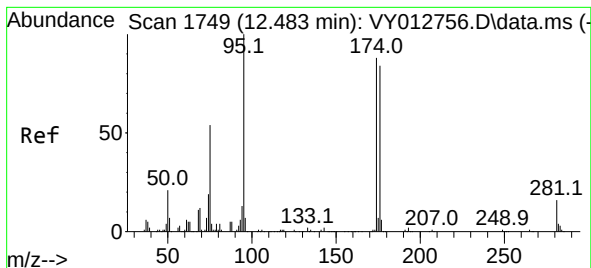
Tgt Ion:117 Resp: 8118
Ion Ratio Lower Upper
117 100
119 4.2 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 54.205 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 98 Resp: 171668
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3

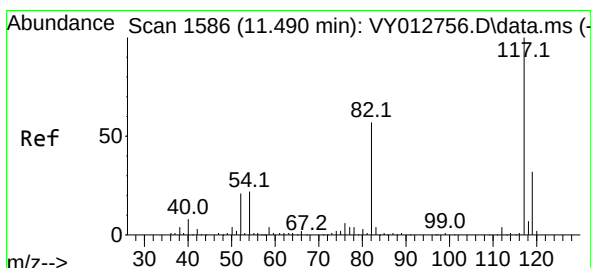
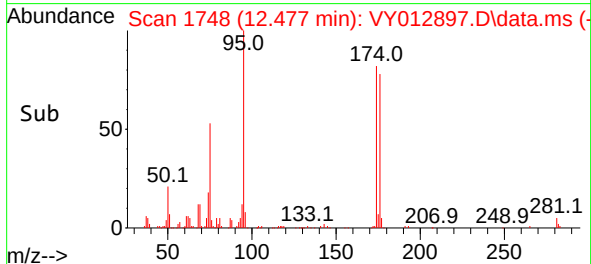
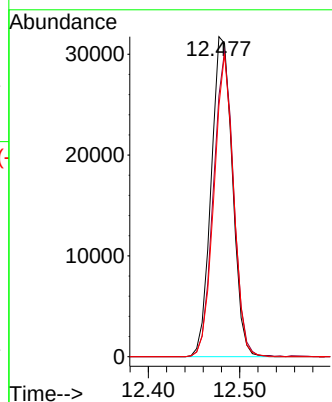
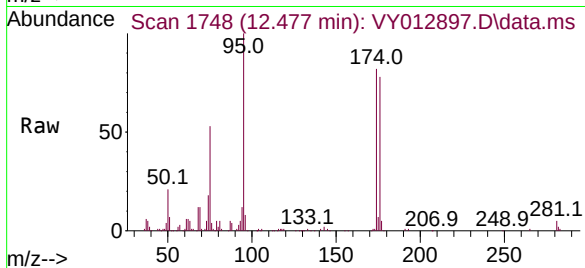




#62
4-Bromofluorobenzene
Concen: 47.842 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

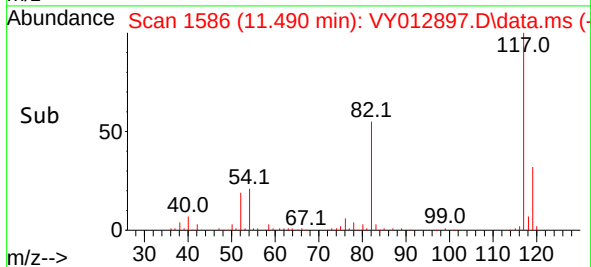
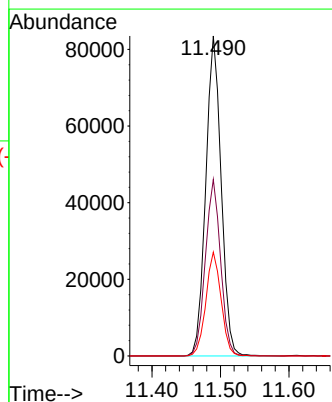
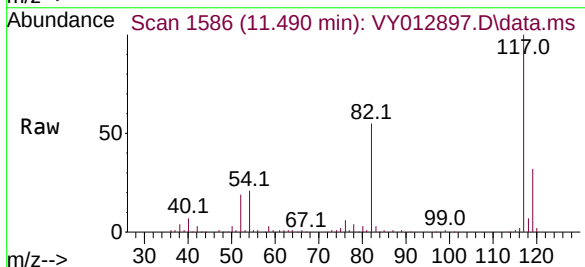
Instrument :
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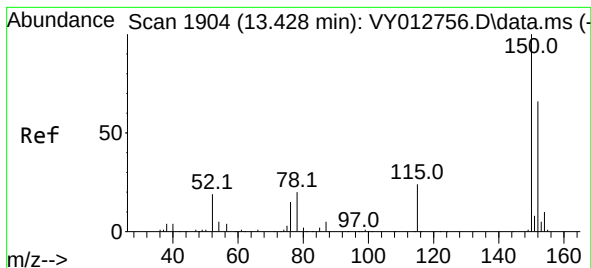
Tgt Ion: 95 Resp: 51140
Ion Ratio Lower Upper
95 100
174 90.7 0.0 176.6
176 87.3 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012897.D
Acq: 09 Mar 2023 14:30

Tgt Ion: 117 Resp: 130585
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.0
119 32.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012897.D

Acq: 09 Mar 2023 14:30

Instrument :

MSVOA_Y

ClientSampleId :

TP-10

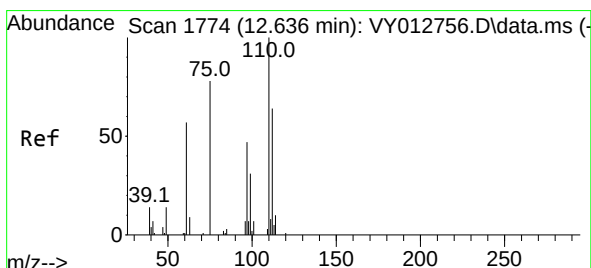
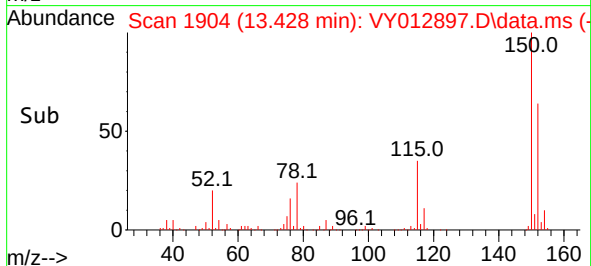
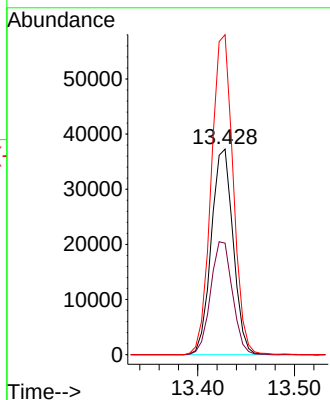
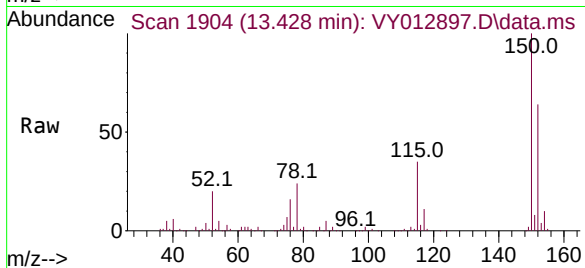
Tgt Ion:152 Resp: 58548

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.3

150 155.9 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 38.877 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012897.D

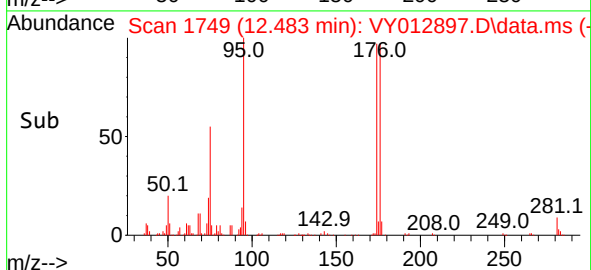
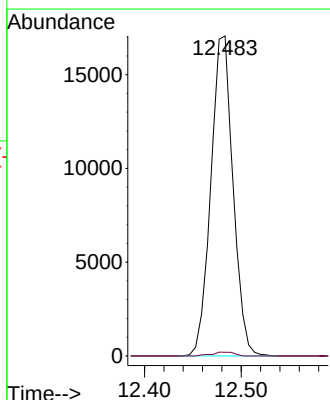
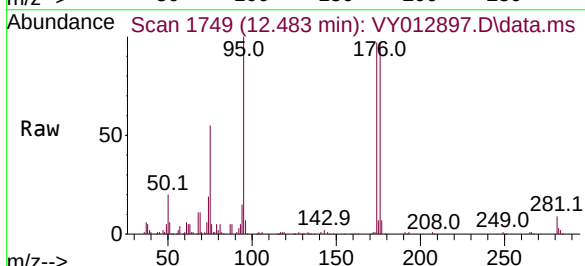
Acq: 09 Mar 2023 14:30

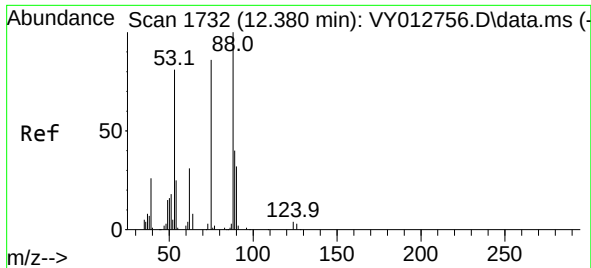
Tgt Ion: 75 Resp: 27181

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 80.554 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012897.D
 Acq: 09 Mar 2023 14:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-10

Tgt Ion: 75 Resp: 27181
 Ion Ratio Lower Upper
 75 100
 53 0.2 73.4 110.0#
 89 0.1 36.6 55.0#

