

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010301.D
 Acq On : 03 Sep 2022 01:25
 Operator : KP/MD
 Sample : N4379-06
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:10:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

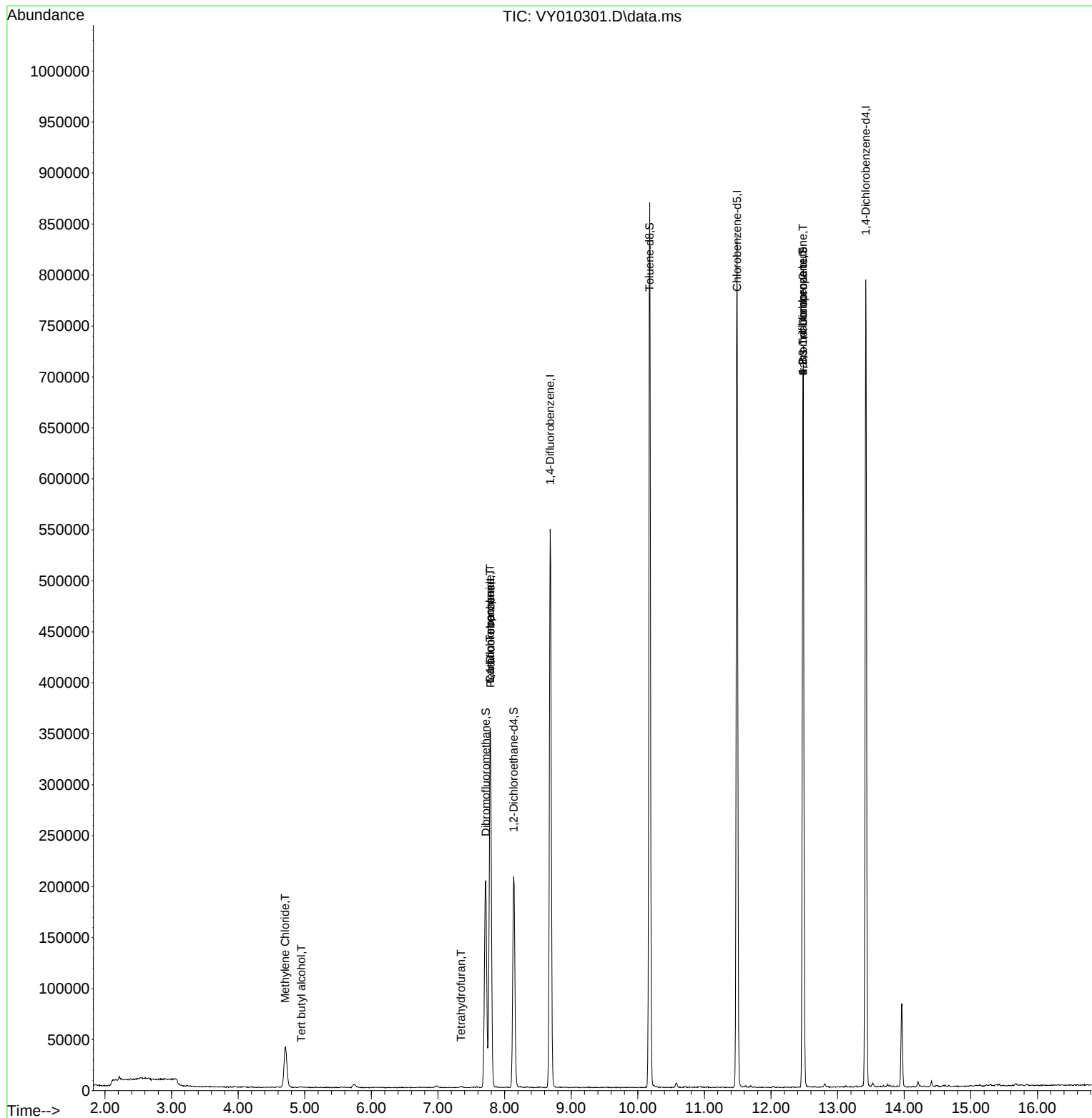
Internal Standards						
1) Pentafluorobenzene	7.789	168	285598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	482412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	446967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	208220	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	166581	56.883	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.760%	
35) Dibromofluoromethane	7.716	113	146876	45.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.460%	
50) Toluene-d8	10.179	98	570236	53.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.060%	
62) 4-Bromofluorobenzene	12.477	95	201262	46.268	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.540%	
Target Compounds						Qvalue
5) Bromomethane	2.631	94	119	Below Cal	#	14
11) Tert butyl alcohol	4.948	59	681	1.944	ug/l #	77
20) Methylene Chloride	4.704	84	30448	8.618	ug/l	85
29) Tetrahydrofuran	7.344	42	1096	1.424	ug/l #	60
36) 1,1-Dichloropropene	7.783	75	20433	4.336	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26932	5.546	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.795	63	19	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.477	75	103533	41.782	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	103533	87.163	ug/l #	7

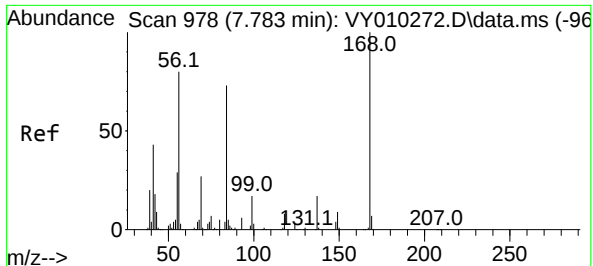
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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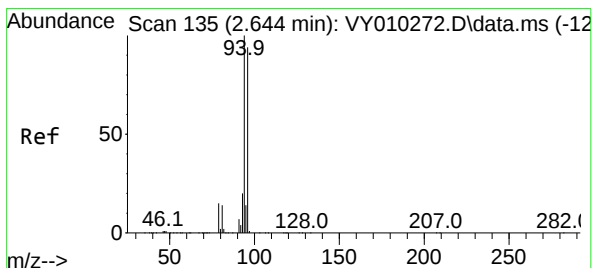
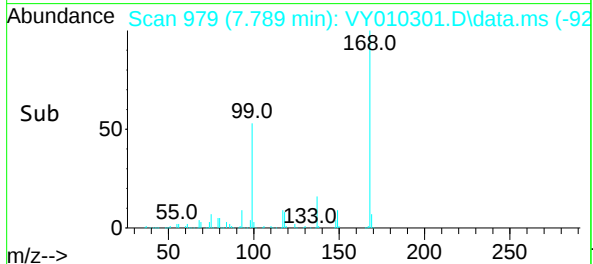
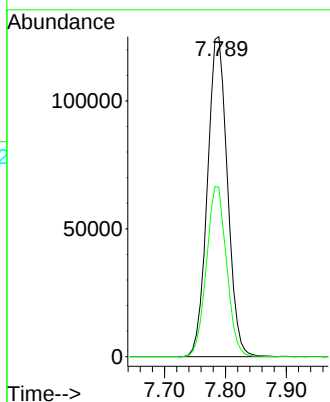
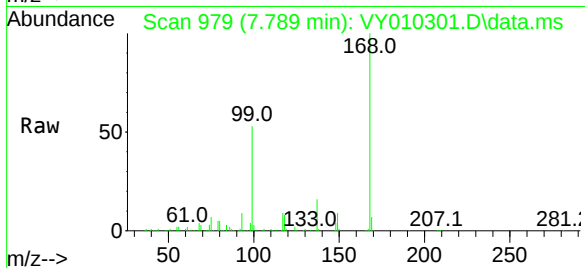




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

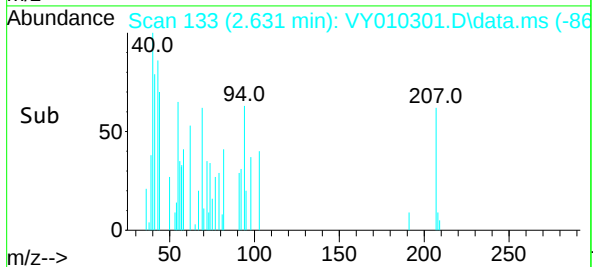
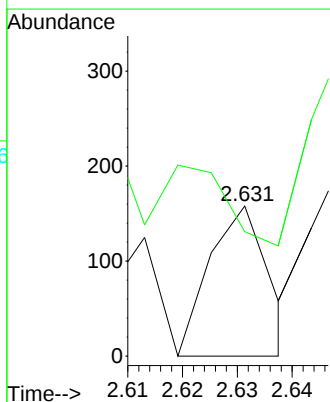
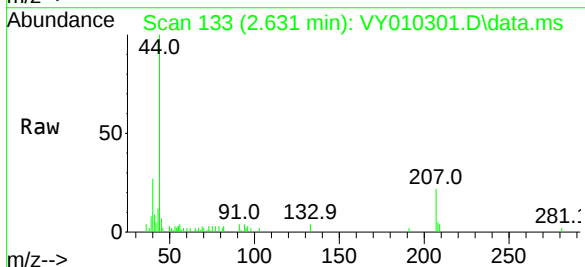
Instrument :
MSVOA_Y
ClientSampleId :

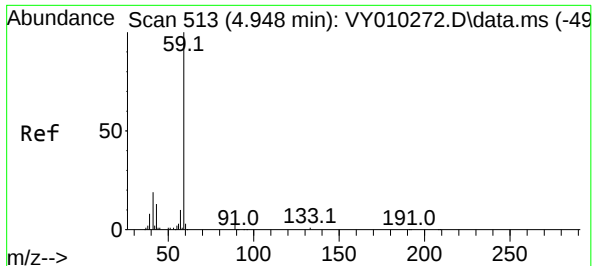
Tgt Ion:168 Resp: 285598
Ion Ratio Lower Upper
168 100
99 53.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.631 min Scan# 133
Delta R.T. -0.013 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 94 Resp: 119
Ion Ratio Lower Upper
94 100
96 9.5 73.5 110.3#

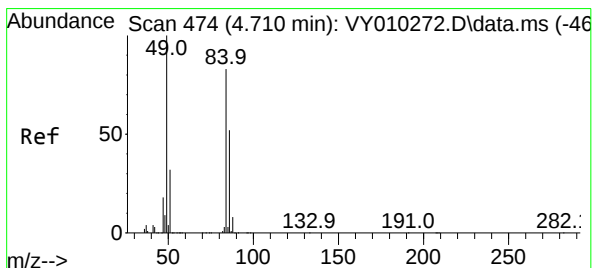
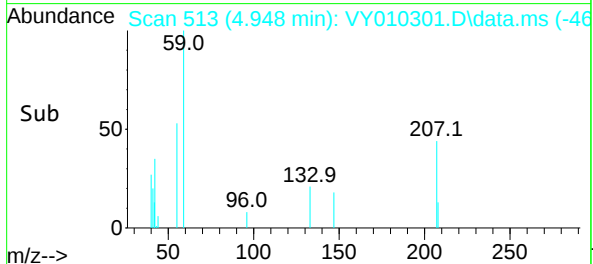
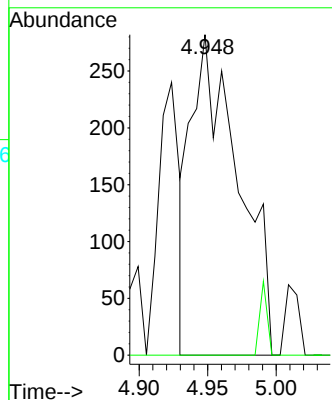
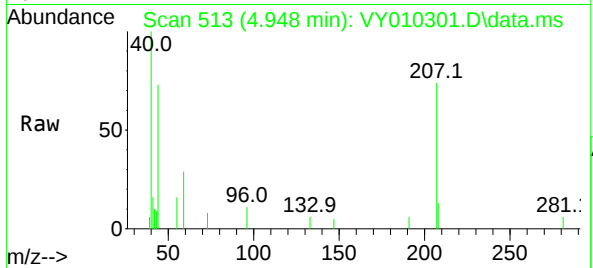




#11
Tert butyl alcohol
Concen: 1.944 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

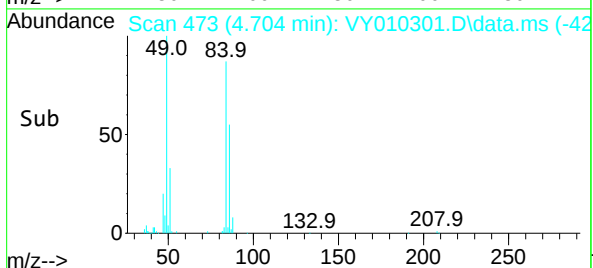
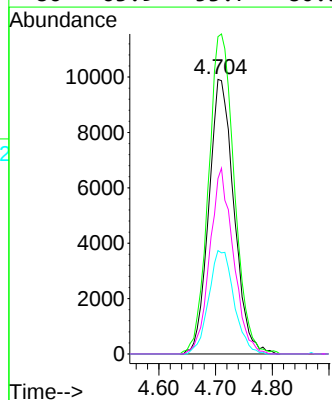
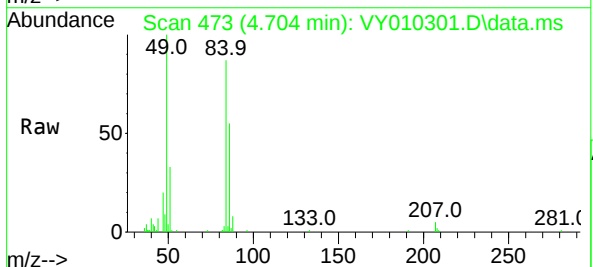
Instrument :
MSVOA_Y
ClientSampleId :

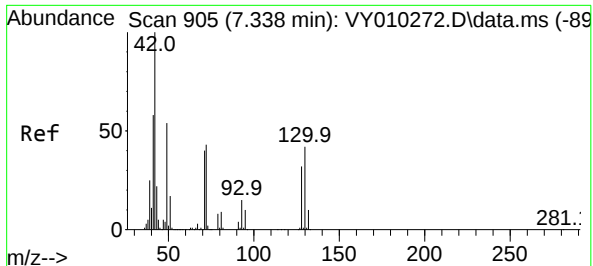
Tgt Ion: 59 Resp: 681
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#20
Methylene Chloride
Concen: 8.618 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 84 Resp: 30448
Ion Ratio Lower Upper
84 100
49 115.5 114.4 171.6
51 37.7 35.3 52.9
86 63.9 53.7 80.5





#29

Tetrahydrofuran

Concen: 1.424 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

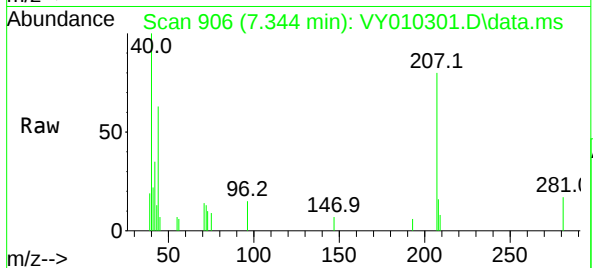
Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

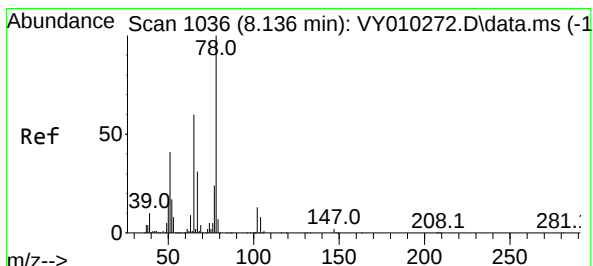
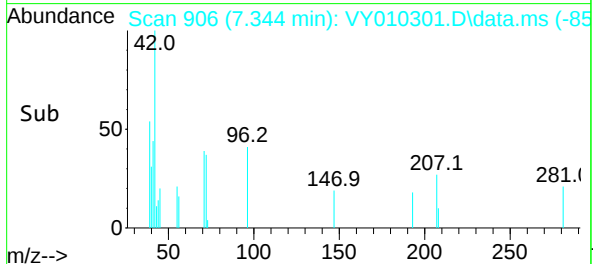
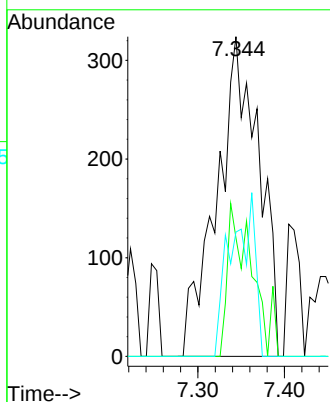
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	1096
Ion Ratio	Lower	Upper	
42	100		
72	25.5	30.3	45.5#
71	0.0	29.0	43.4#



#33

1,2-Dichloroethane-d4

Concen: 56.883 ug/l

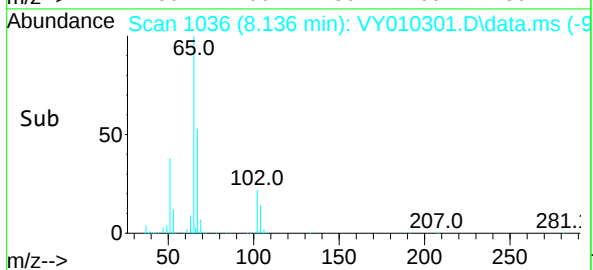
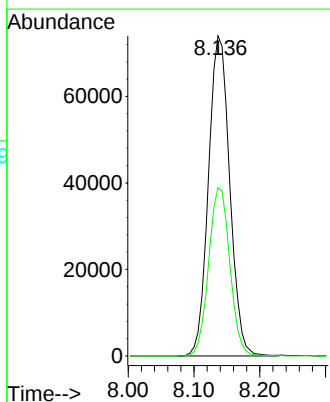
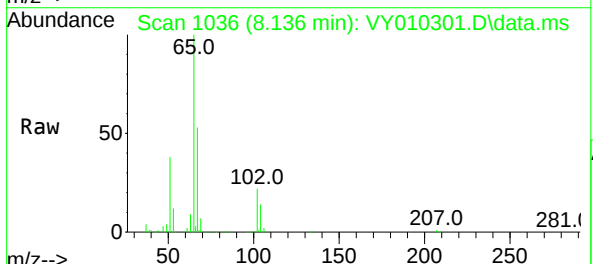
RT: 8.136 min Scan# 1036

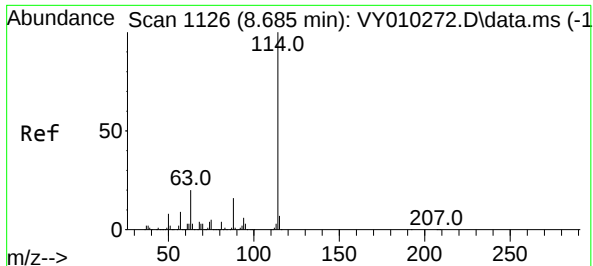
Delta R.T. 0.000 min

Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

Tgt Ion:	65	Resp:	166581
Ion Ratio	Lower	Upper	
65	100		
67	52.4	0.0	99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

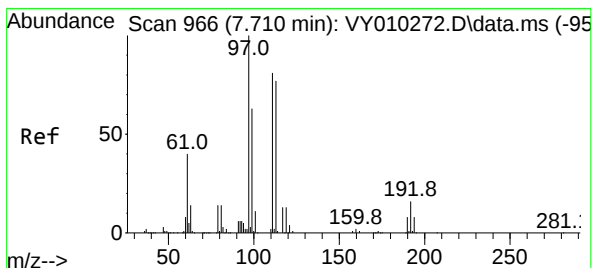
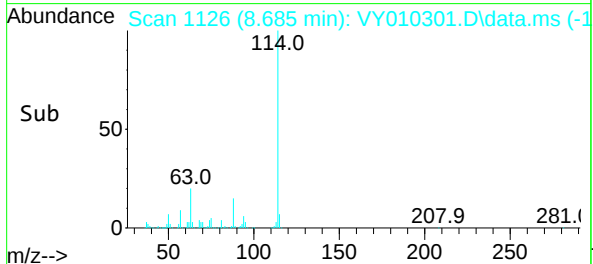
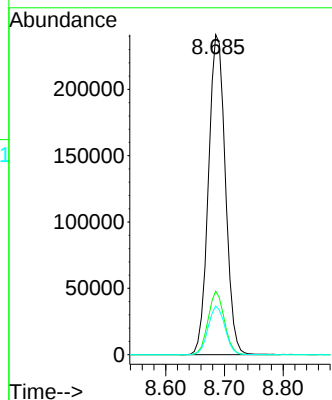
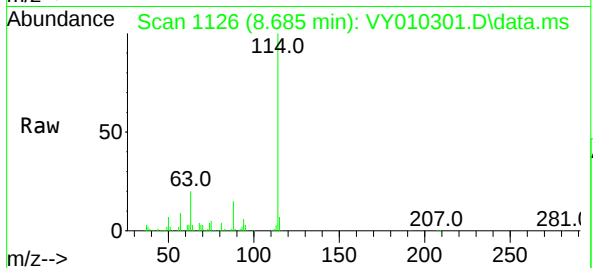
Tgt Ion:114 Resp: 482412

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.734 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

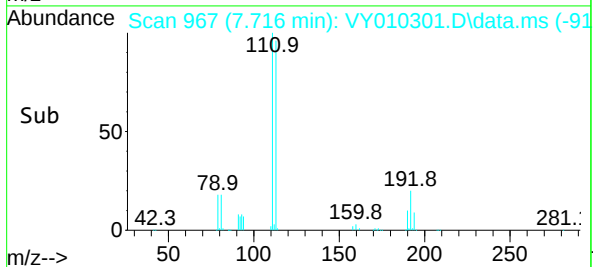
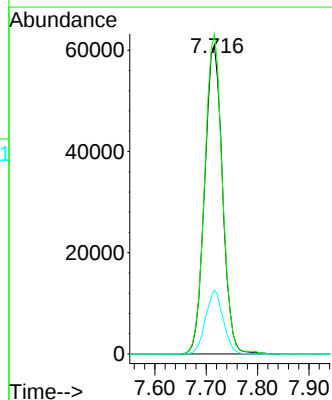
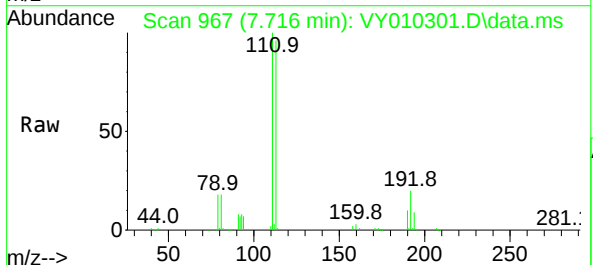
Tgt Ion:113 Resp: 146876

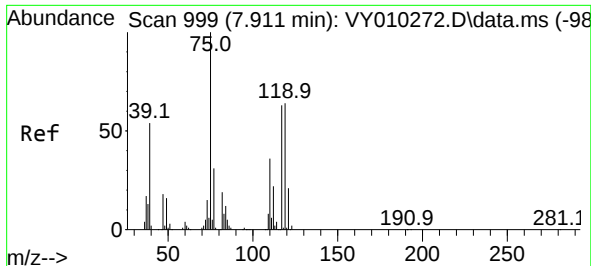
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 20.4 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.336 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

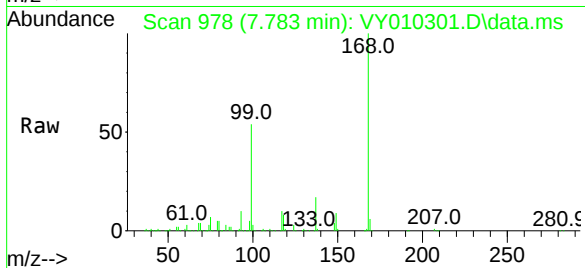
Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :



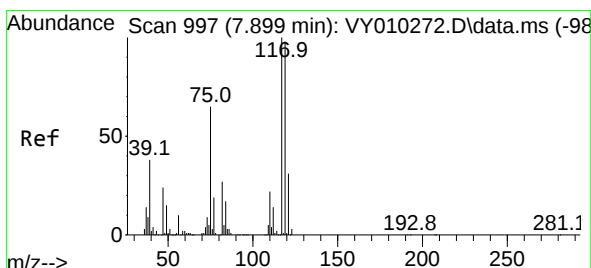
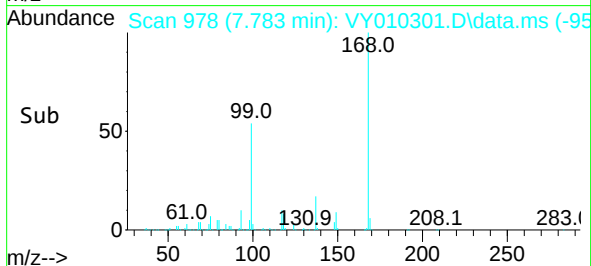
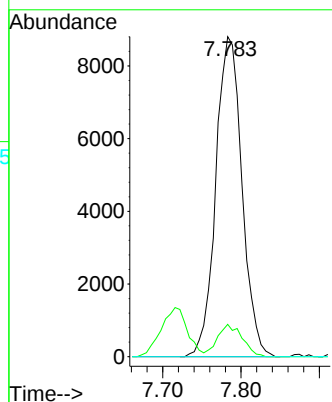
Tgt Ion: 75 Resp: 20433

Ion Ratio Lower Upper

75 100

110 9.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

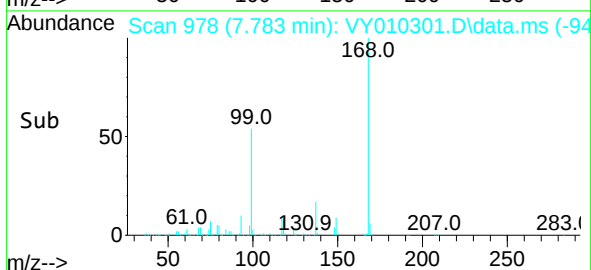
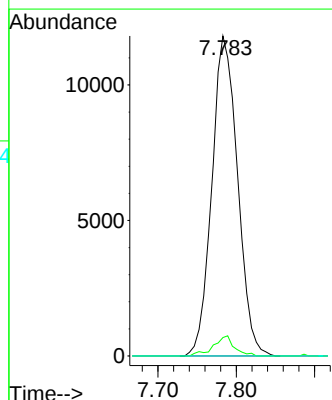
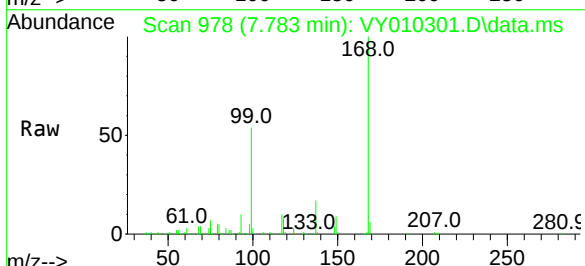
Tgt Ion: 117 Resp: 26932

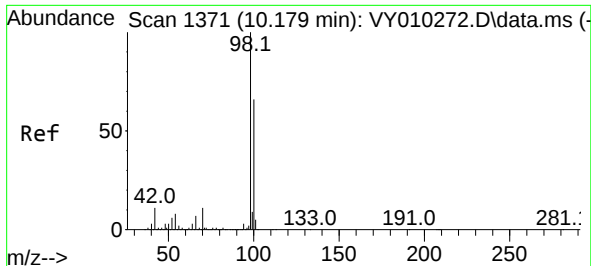
Ion Ratio Lower Upper

117 100

119 5.7 77.9 116.9#

121 0.0 24.8 37.2#

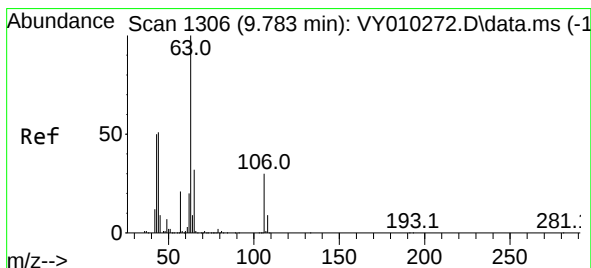
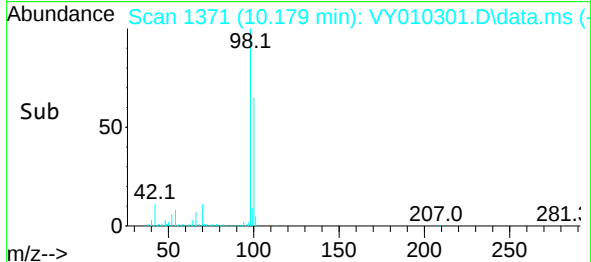
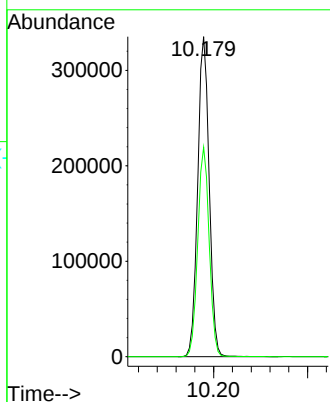
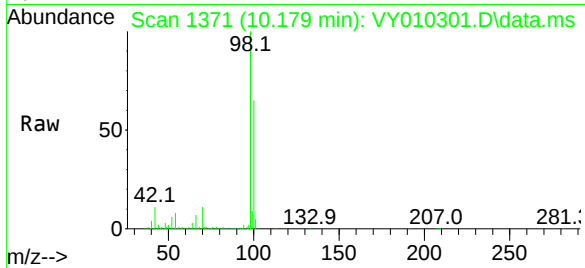




#50
Toluene-d8
Concen: 53.035 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

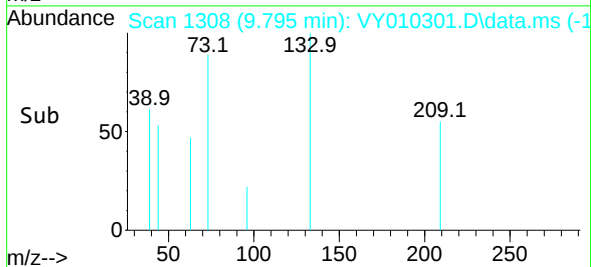
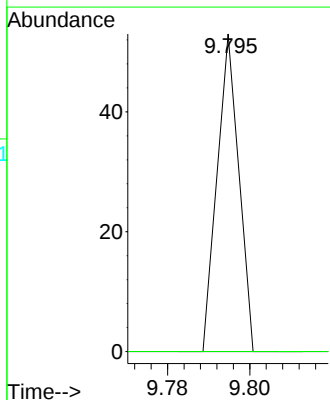
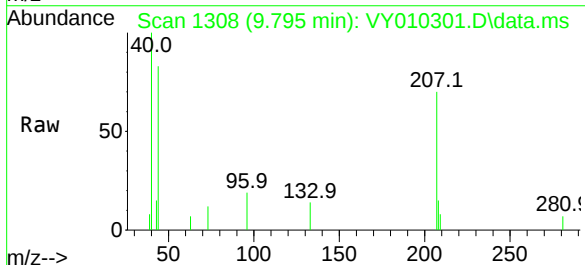
Instrument :
MSVOA_Y
ClientSampleId :

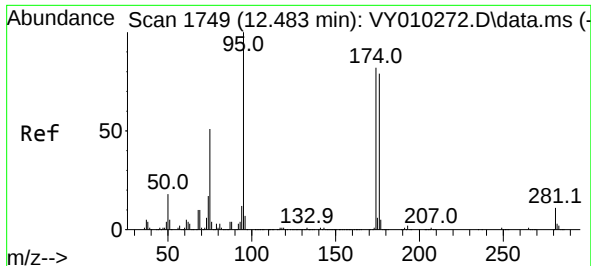
Tgt Ion: 98 Resp: 570236
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.795 min Scan# 1308
Delta R.T. 0.012 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 63 Resp: 19
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#

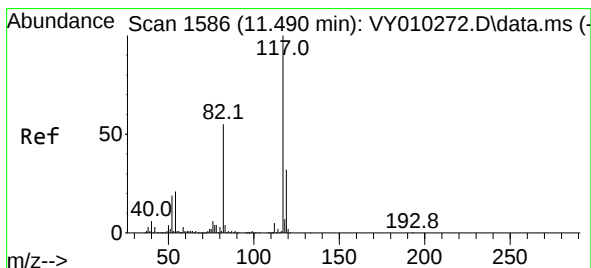
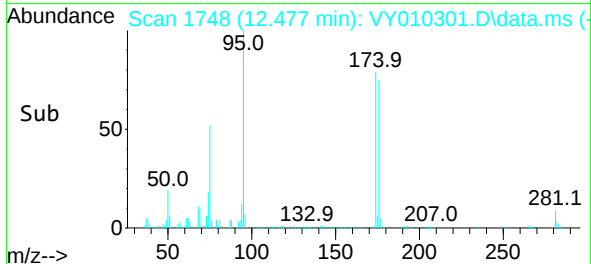
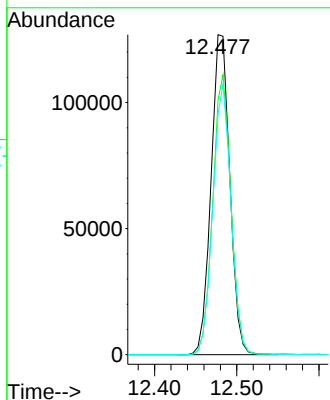
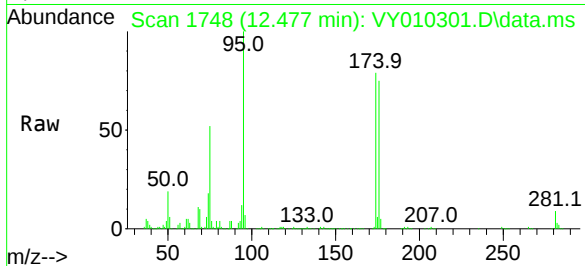




#62
4-Bromofluorobenzene
Concen: 46.268 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

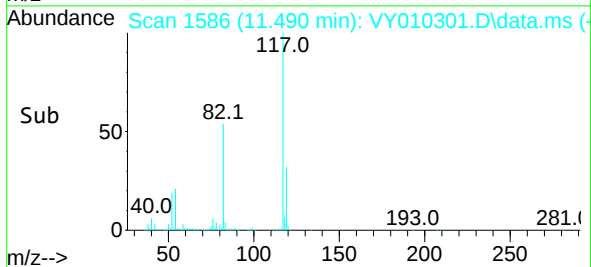
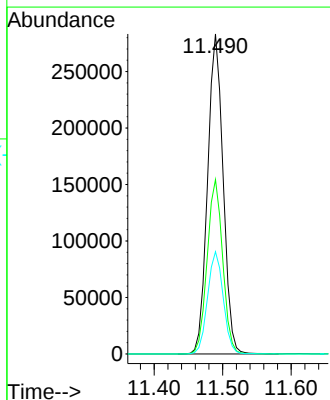
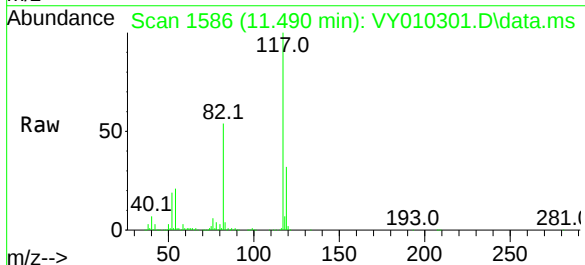
Instrument :
MSVOA_Y
ClientSampleId :

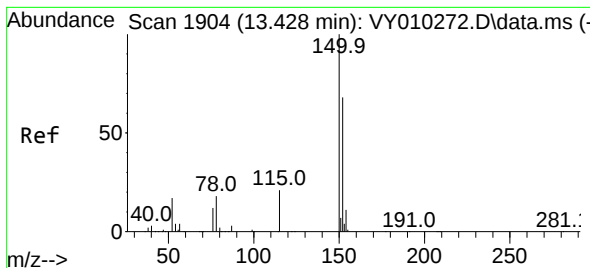
Tgt Ion: 95 Resp: 201262
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010301.D
Acq: 03 Sep 2022 01:25

Tgt Ion: 117 Resp: 446967
Ion Ratio Lower Upper
117 100
82 54.5 43.0 64.4
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY010301.D

Acq: 03 Sep 2022 01:25

Instrument :

MSVOA_Y

ClientSampleId :

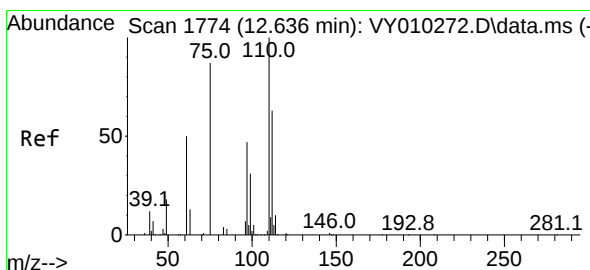
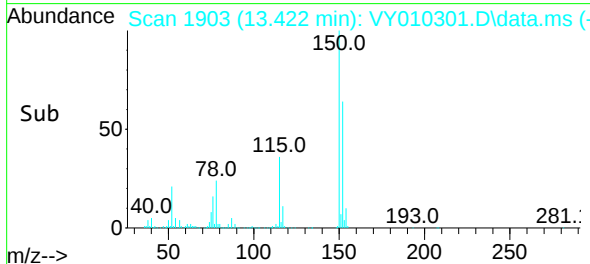
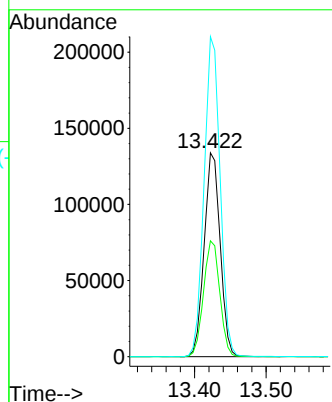
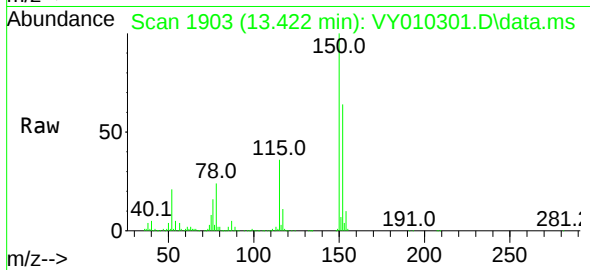
Tgt Ion:152 Resp: 208220

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.2 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.782 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010301.D

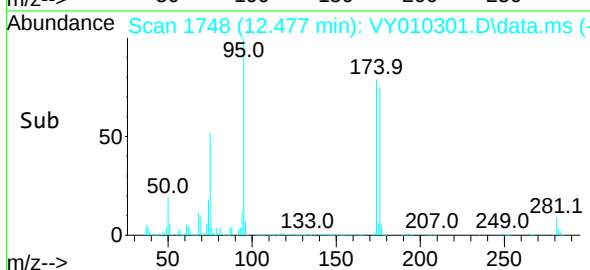
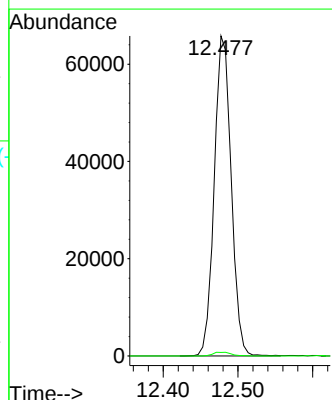
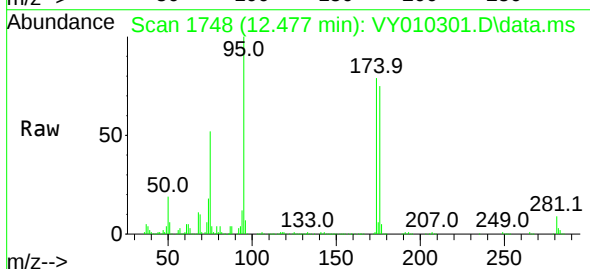
Acq: 03 Sep 2022 01:25

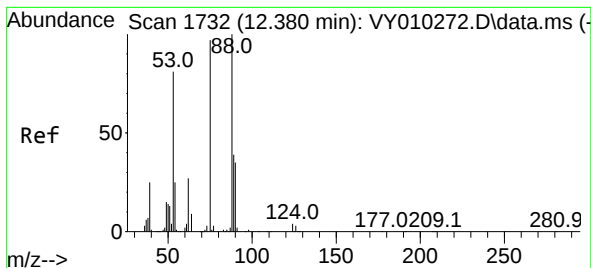
Tgt Ion: 75 Resp: 103533

Ion Ratio Lower Upper

75 100

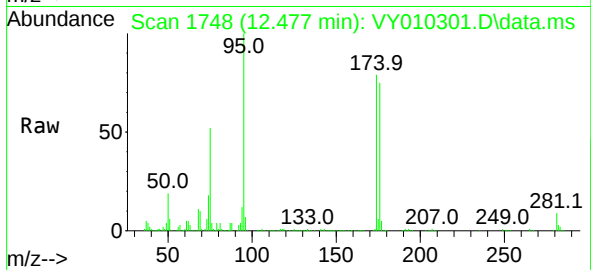
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.163 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010301.D
 Acq: 03 Sep 2022 01:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 103533
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.5 37.0 55.4#

