

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010300.D
 Acq On : 03 Sep 2022 01:02
 Operator : KP/MD
 Sample : N4379-05
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:10:14 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)

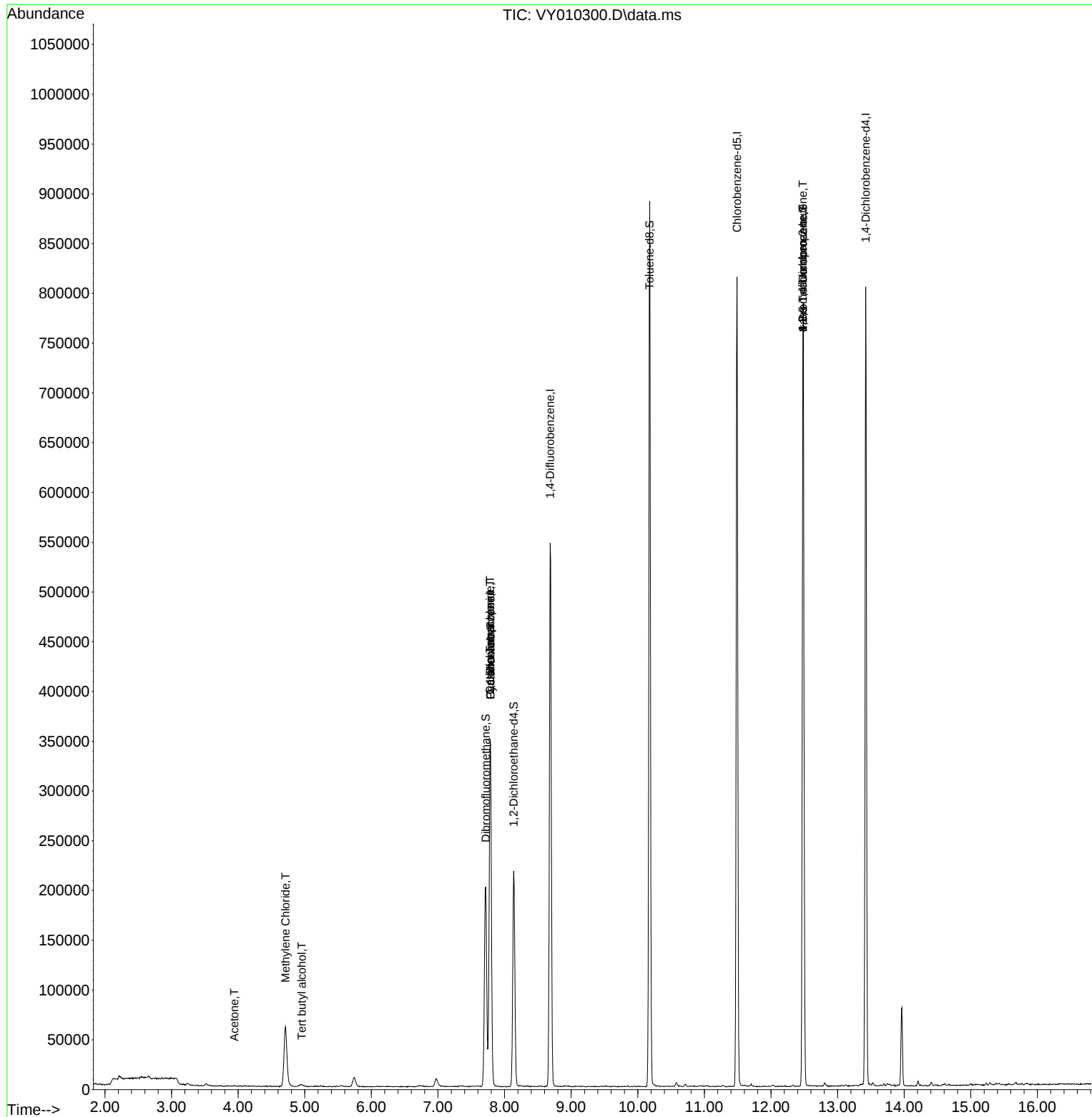
Internal Standards						
1) Pentafluorobenzene	7.789	168	283840	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	478603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	448242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	168354	57.844	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	115.680%	
35) Dibromofluoromethane	7.716	113	146395	45.947	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	91.900%	
50) Toluene-d8	10.179	98	568241	53.270	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	106.540%	
62) 4-Bromofluorobenzene	12.477	95	203677	47.341	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	94.680%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	874	Below Cal	#	62
11) Tert butyl alcohol	4.954	59	4095	11.761	ug/l	98
16) Acetone	3.942	43	856	1.177	ug/l	93
20) Methylene Chloride	4.710	84	44672	12.723	ug/l	85
31) Cyclohexane	7.789	56	5736	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	20880	4.467	ug/l #	51
38) Carbon Tetrachloride	7.783	117	27384	5.684	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	104572	42.309	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	104572	88.262	ug/l #	8

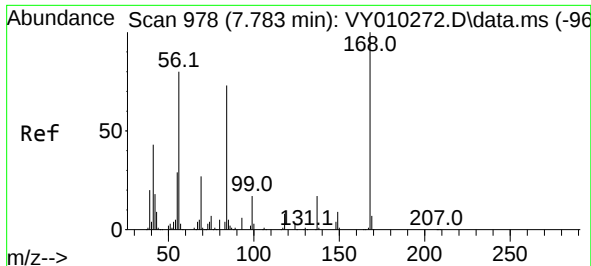
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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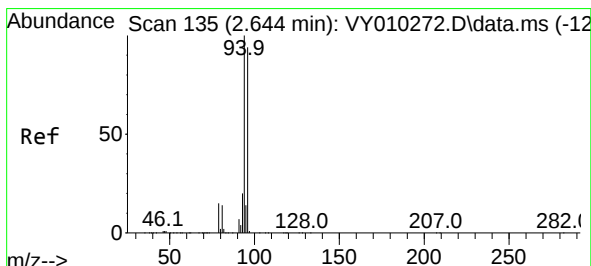
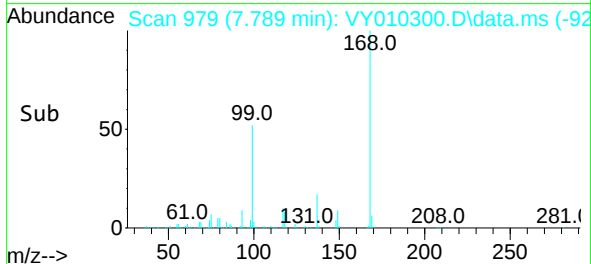
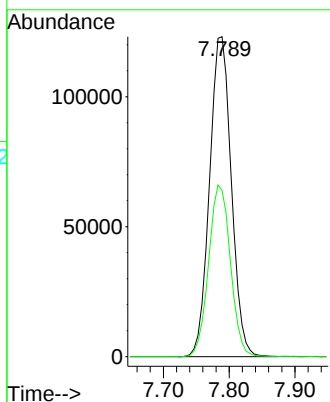
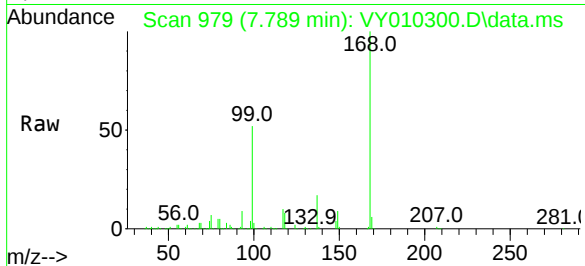




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

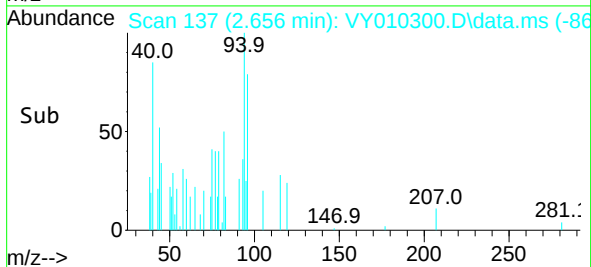
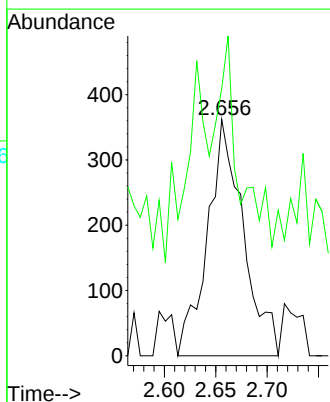
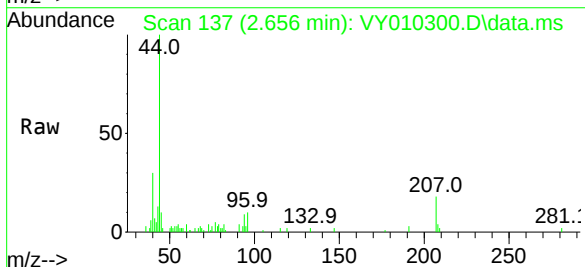
Instrument :
MSVOA_Y
ClientSampleId :

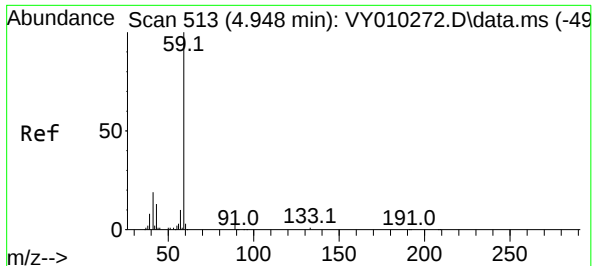
Tgt Ion:168 Resp: 283840
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Tgt Ion: 94 Resp: 874
Ion Ratio Lower Upper
94 100
96 55.2 73.5 110.3#





#11

Tert butyl alcohol

Concen: 11.761 ug/l

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY010300.D

Acq: 03 Sep 2022 01:02

Instrument :

MSVOA_Y

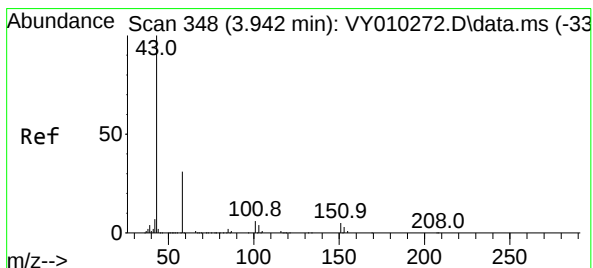
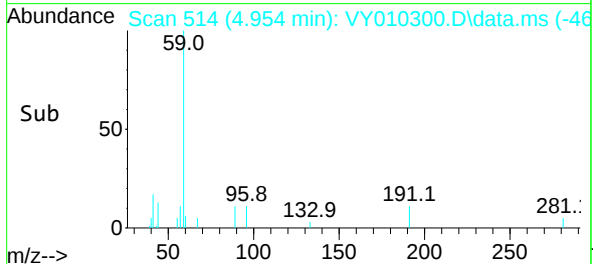
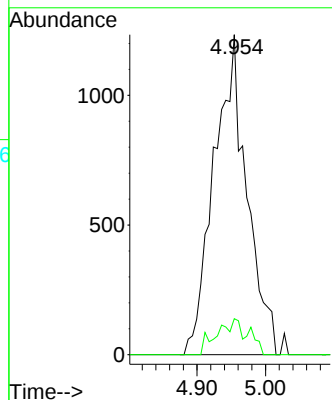
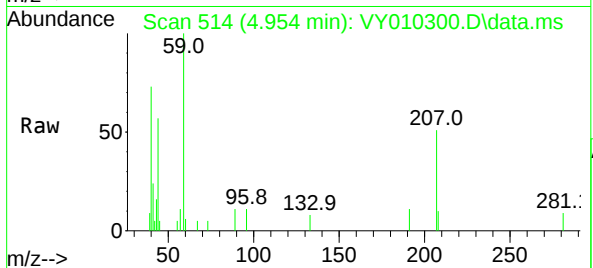
ClientSampleId :

Tgt Ion: 59 Resp: 4095

Ion Ratio Lower Upper

59 100

57 8.7 6.4 9.6



#16

Acetone

Concen: 1.177 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY010300.D

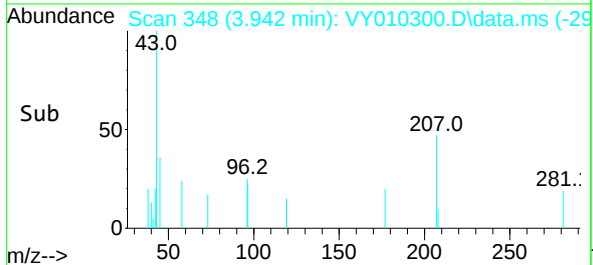
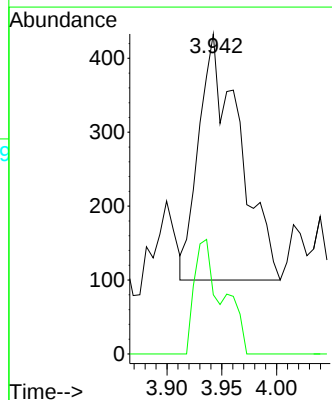
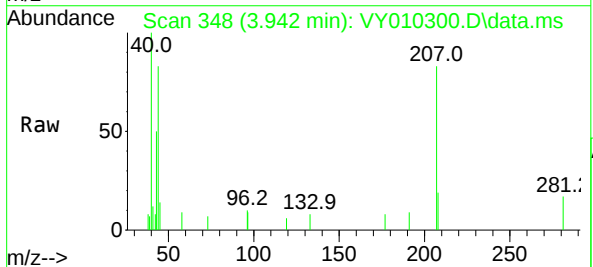
Acq: 03 Sep 2022 01:02

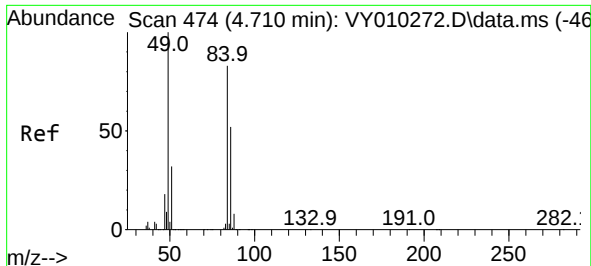
Tgt Ion: 43 Resp: 856

Ion Ratio Lower Upper

43 100

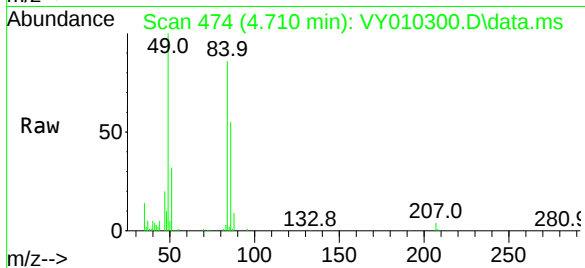
58 24.0 22.0 33.0





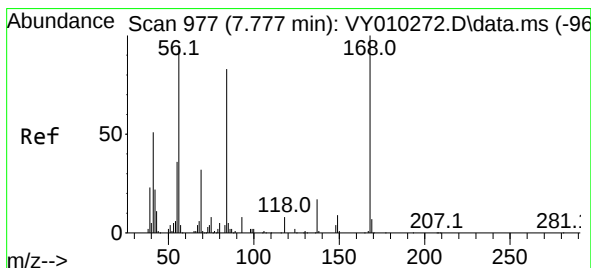
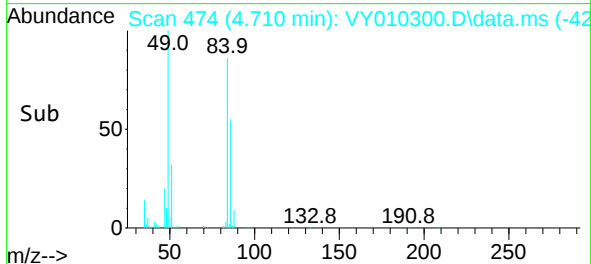
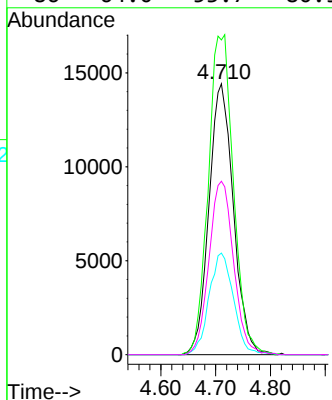
#20
Methylene Chloride
Concen: 12.723 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 44672

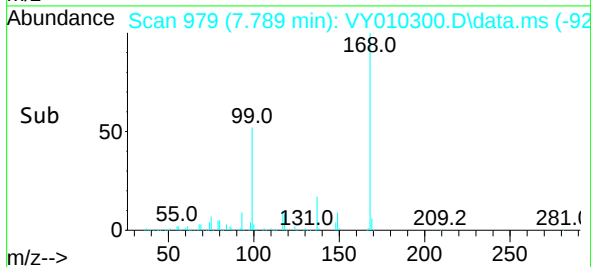
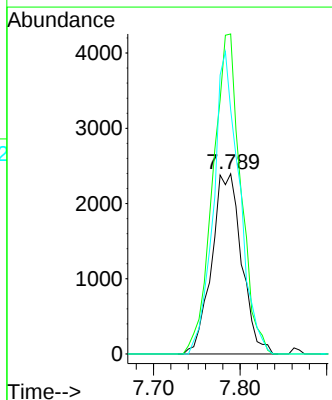
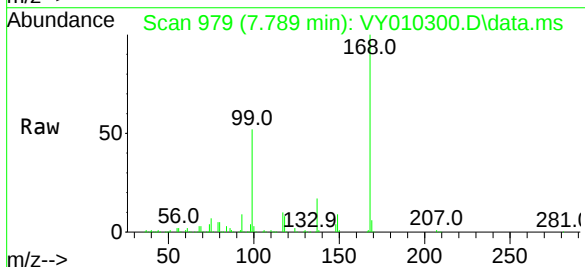
Ion	Ratio	Lower	Upper
84	100		
49	116.2	114.4	171.6
51	37.5	35.3	52.9
86	64.0	53.7	80.5

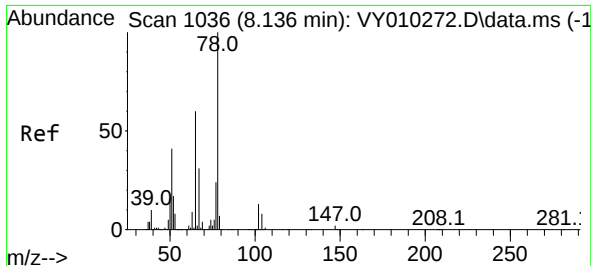


#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.012 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Tgt Ion: 56 Resp: 5736

Ion	Ratio	Lower	Upper
56	100		
69	177.6	26.7	40.1#
84	135.5	67.2	100.8#

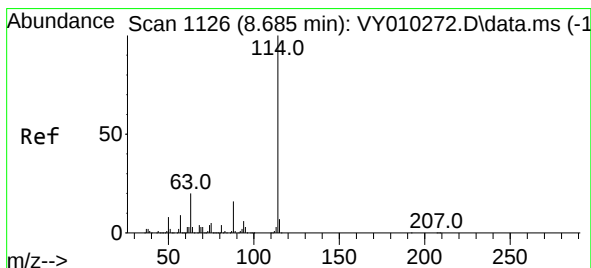
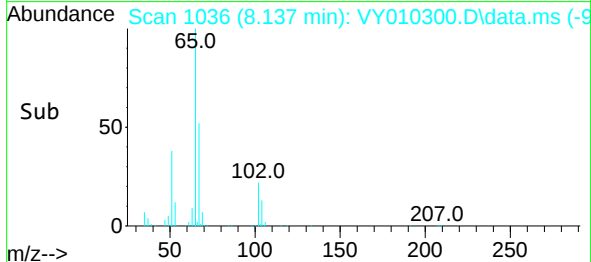
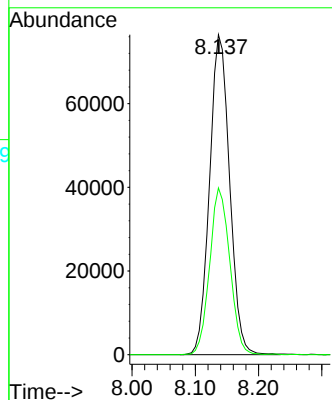
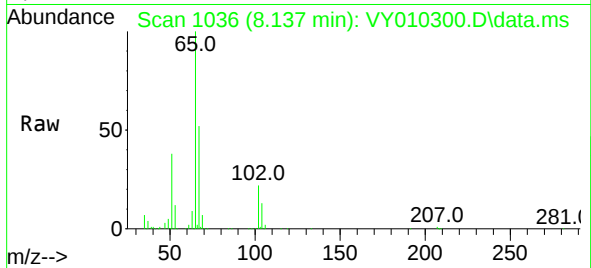




#33
 1,2-Dichloroethane-d4
 Concen: 57.844 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.001 min
 Lab File: VY010300.D
 Acq: 03 Sep 2022 01:02

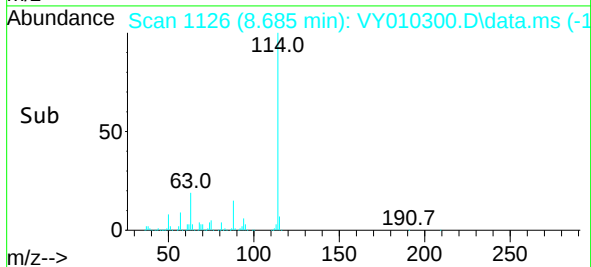
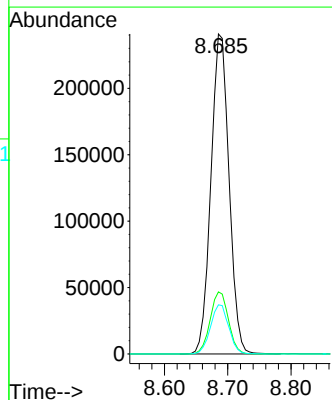
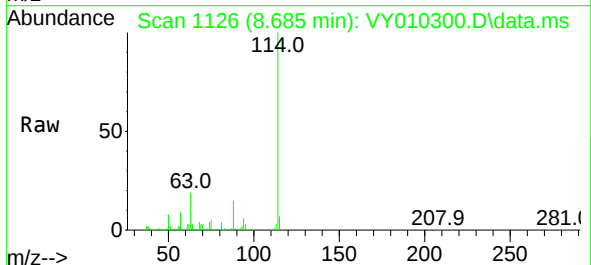
Instrument :
 MSVOA_Y
 ClientSampleId :

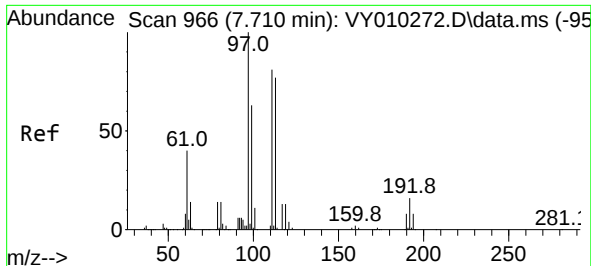
Tgt Ion: 65 Resp: 168354
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY010300.D
 Acq: 03 Sep 2022 01:02

Tgt Ion: 114 Resp: 478603
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 43.2
 88 15.3 0.0 31.8

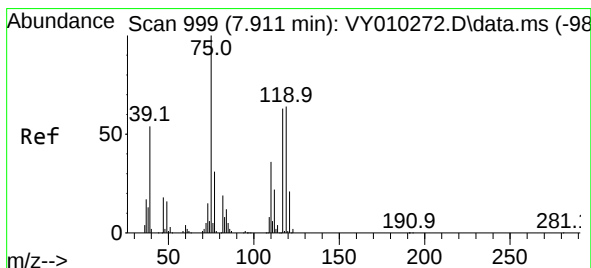
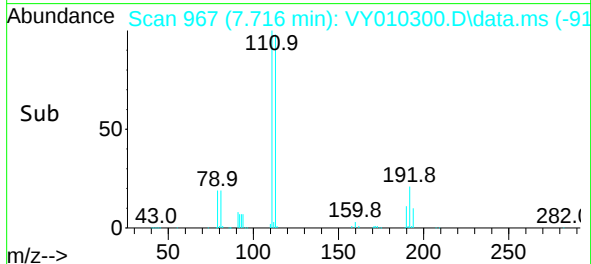
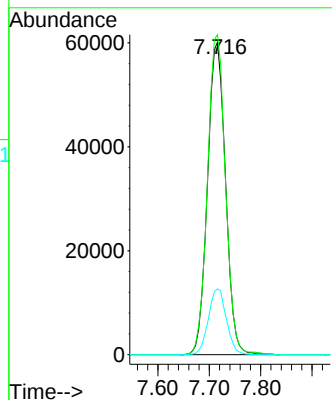
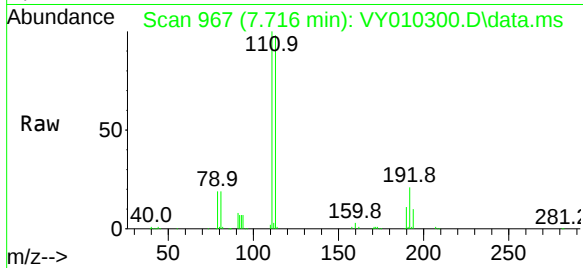




#35
Dibromofluoromethane
Concen: 45.947 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

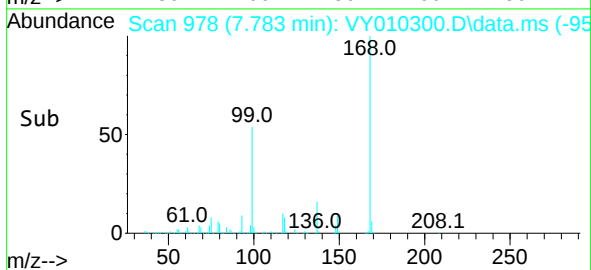
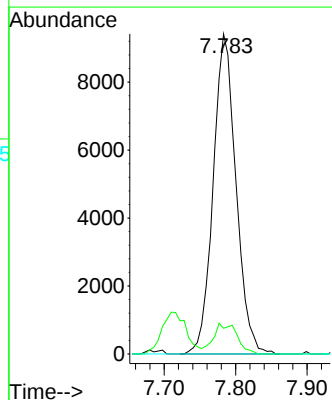
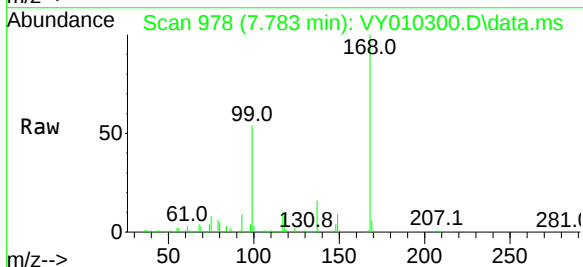
Instrument :
MSVOA_Y
ClientSampleId :

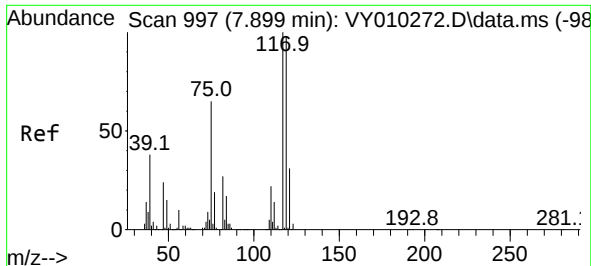
Tgt Ion:113 Resp: 146395
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.467 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

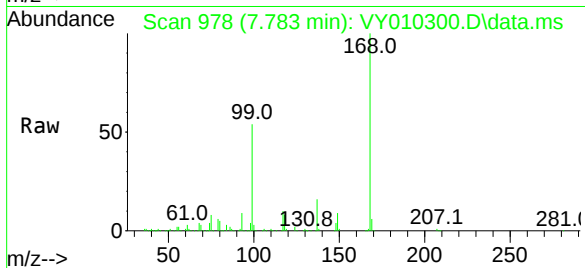
Tgt Ion: 75 Resp: 20880
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



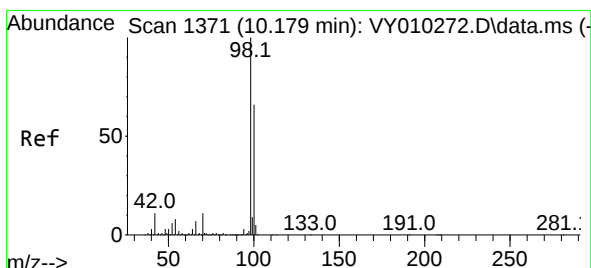
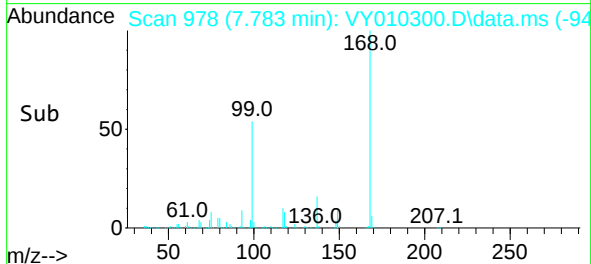
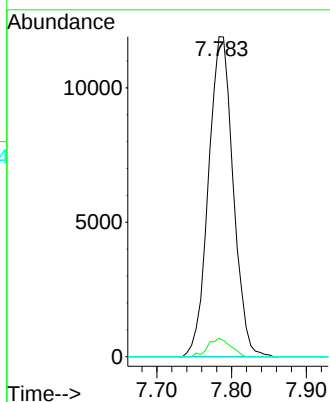


#38
Carbon Tetrachloride
Concen: 5.684 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Instrument :
MSVOA_Y
ClientSampleId :

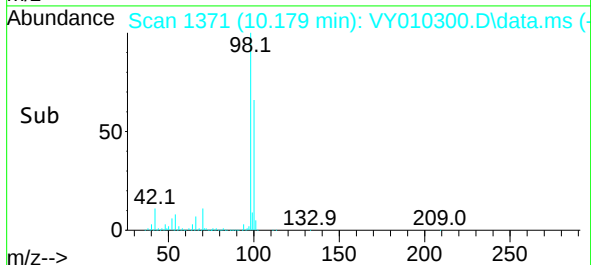
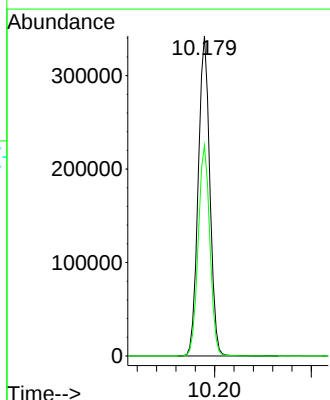
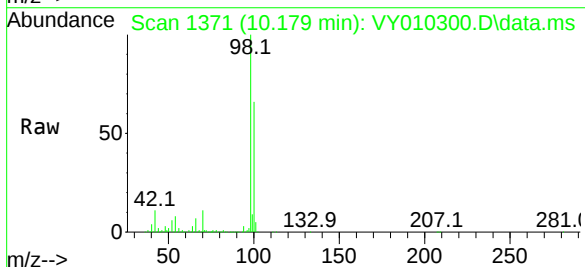


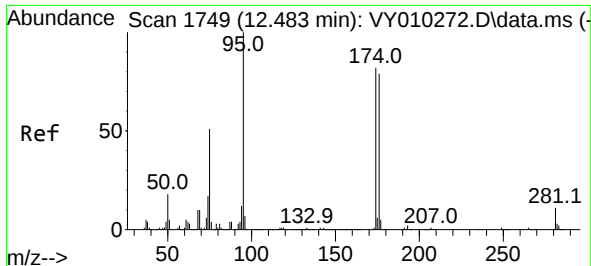
Tgt Ion:117 Resp: 27384
Ion Ratio Lower Upper
117 100
119 5.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.270 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010300.D
Acq: 03 Sep 2022 01:02

Tgt Ion: 98 Resp: 568241
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 47.341 ug/l

RT: 12.477 min Scan# 1

Delta R.T. -0.006 min

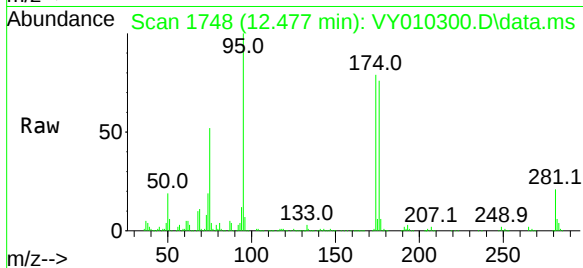
Lab File: VY010300.D

Acq: 03 Sep 2022 01:02

Instrument :

MSVOA_Y

ClientSampleId :



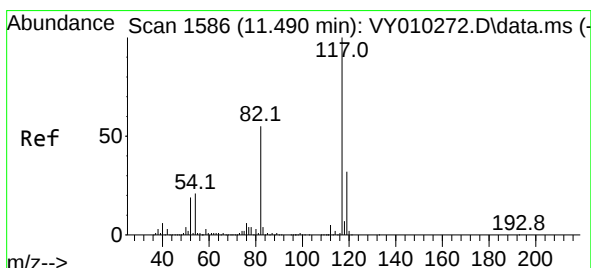
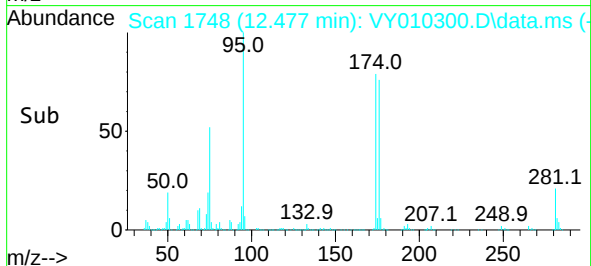
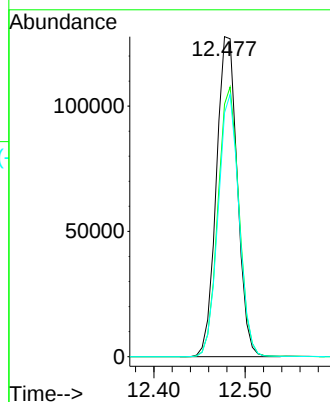
Tgt Ion: 95 Resp: 203677

Ion Ratio Lower Upper

95 100

174 84.3 0.0 177.0

176 81.4 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: VY010300.D

Acq: 03 Sep 2022 01:02

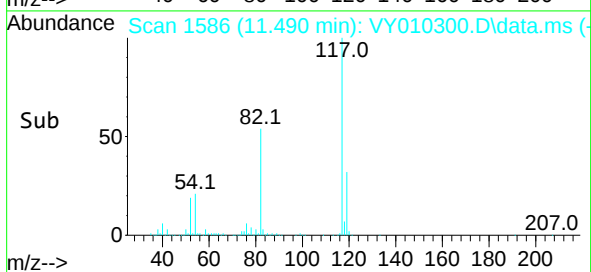
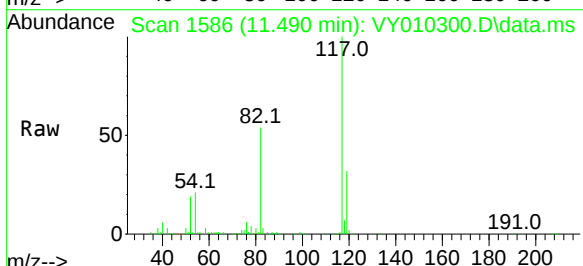
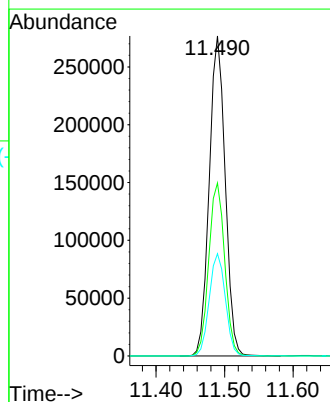
Tgt Ion: 117 Resp: 448242

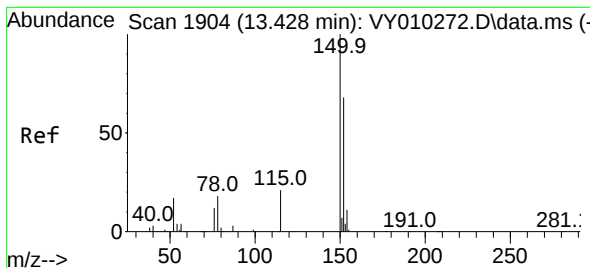
Ion Ratio Lower Upper

117 100

82 54.1 43.0 64.4

119 31.9 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: VY010300.D

Acq: 03 Sep 2022 01:02

Instrument :

MSVOA_Y

ClientSampleId :

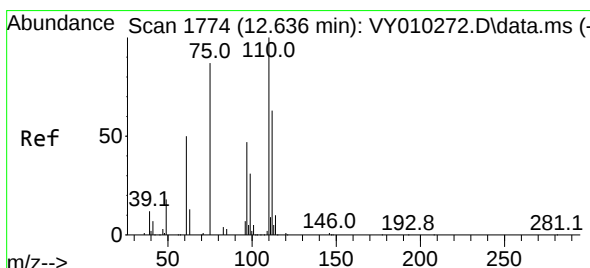
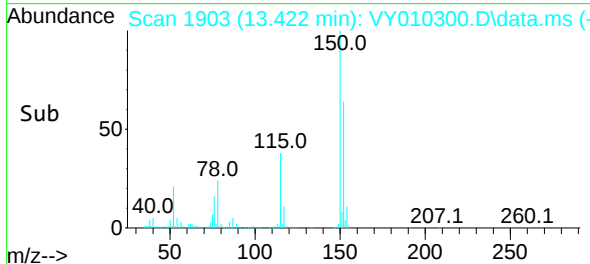
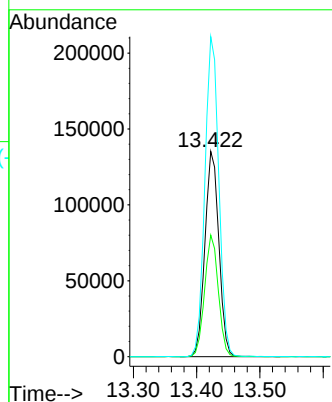
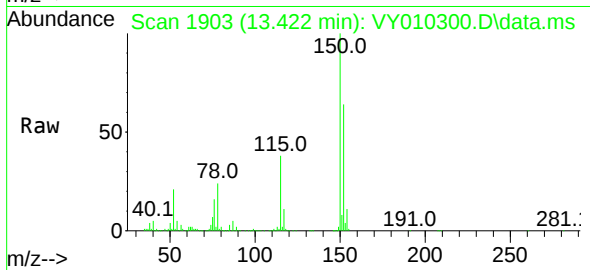
Tgt Ion:152 Resp: 207692

Ion Ratio Lower Upper

152 100

115 58.1 28.2 84.7

150 155.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 42.309 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010300.D

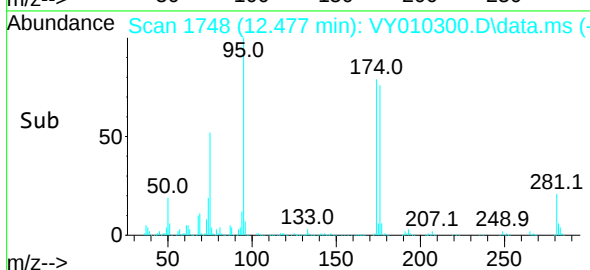
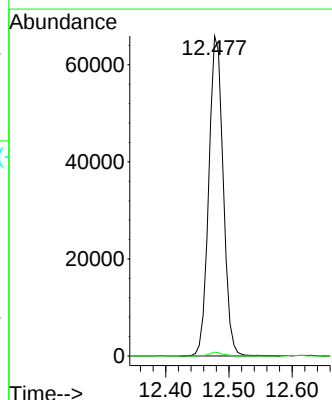
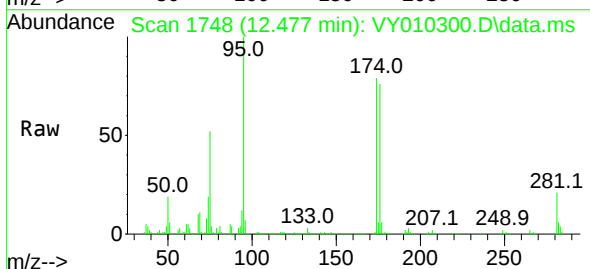
Acq: 03 Sep 2022 01:02

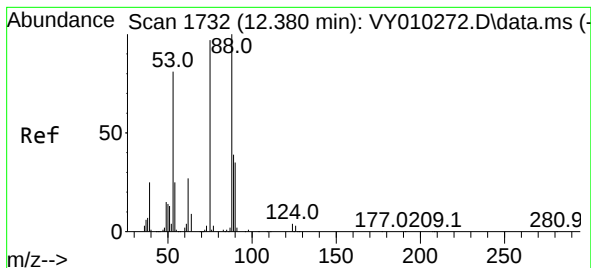
Tgt Ion: 75 Resp: 104572

Ion Ratio Lower Upper

75 100

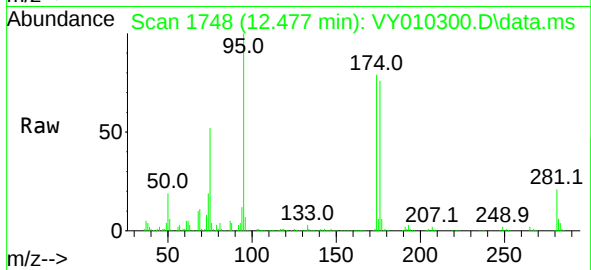
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.262 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010300.D
 Acq: 03 Sep 2022 01:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 104572
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.7 37.0 55.4#

