

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010307.D
 Acq On : 03 Sep 2022 03:46
 Operator : KP/MD
 Sample : N4379-14
 Misc : 6.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:12:45 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)

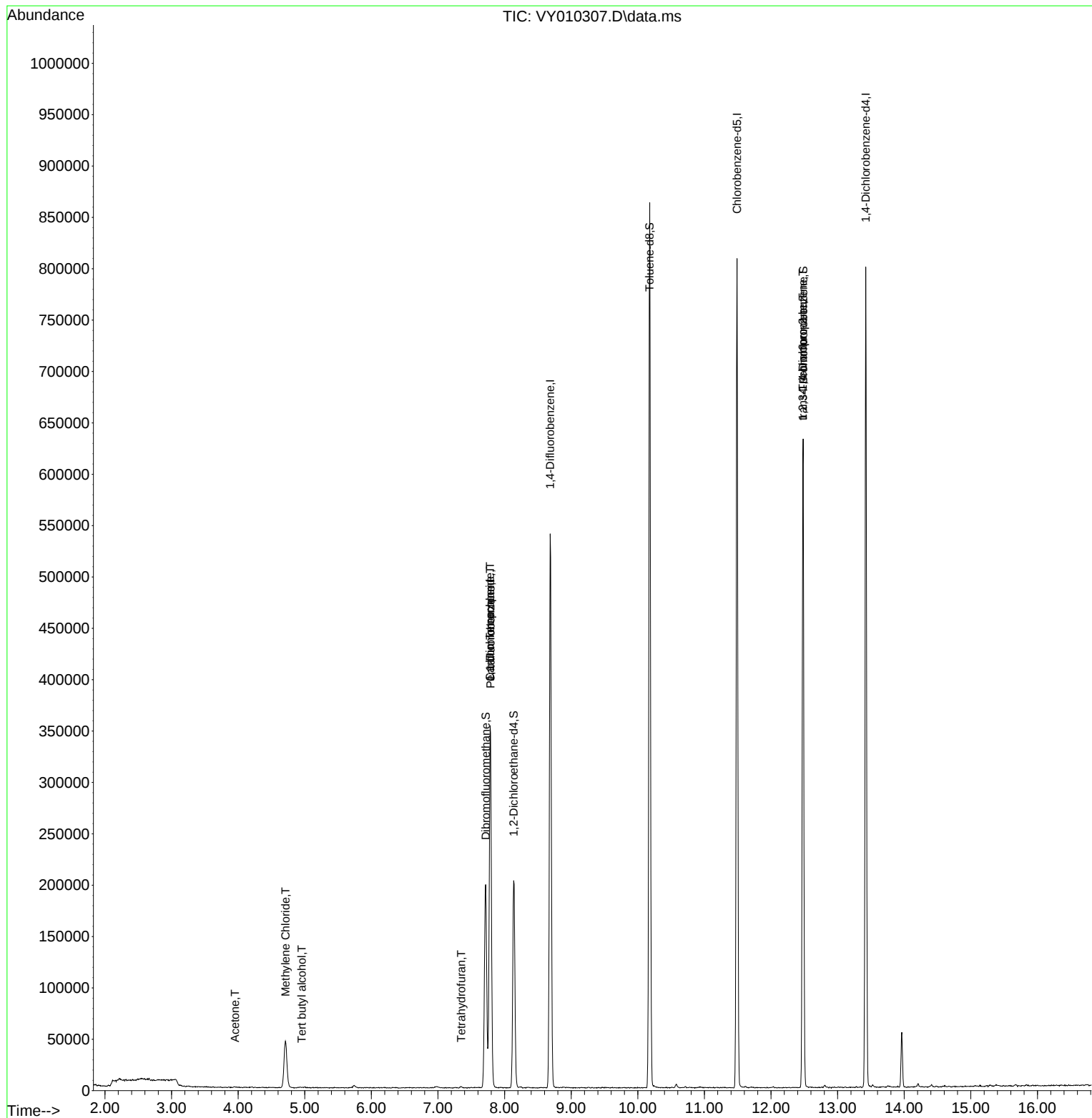
Internal Standards						
1) Pentafluorobenzene	7.789	168	280893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	473059	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	436208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	202959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	160571	55.749	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	111.500%	
35) Dibromofluoromethane	7.716	113	142425	45.225	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	90.460%	
50) Toluene-d8	10.179	98	558395	52.960	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.920%	
62) 4-Bromofluorobenzene	12.483	95	196658	46.078	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	92.160%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	570	Below Cal	#	66
11) Tert butyl alcohol	4.954	59	724	2.101	ug/l #	77
16) Acetone	3.954	43	1058	1.469	ug/l #	65
20) Methylene Chloride	4.710	84	35216	10.135	ug/l	84
29) Tetrahydrofuran	7.350	42	860	1.136	ug/l #	83
36) 1,1-Dichloropropene	7.783	75	20310	4.396	ug/l #	51
38) Carbon Tetrachloride	7.783	117	26607	5.587	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	100346	41.546	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	100346	86.670	ug/l #	7

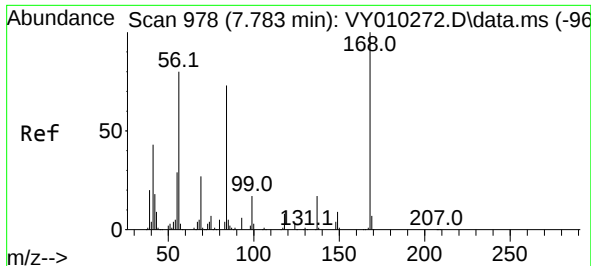
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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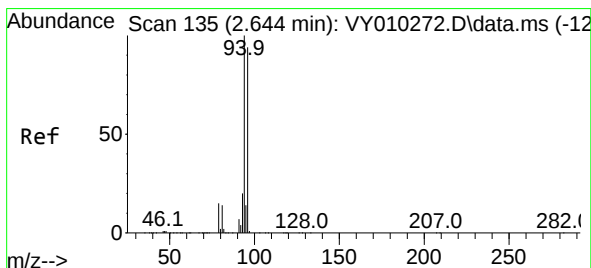
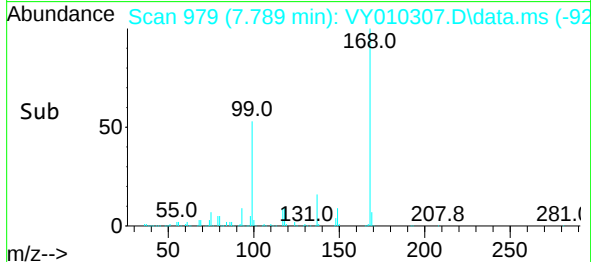
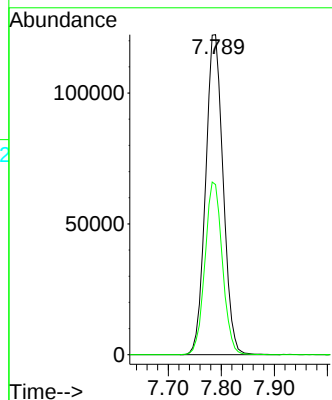
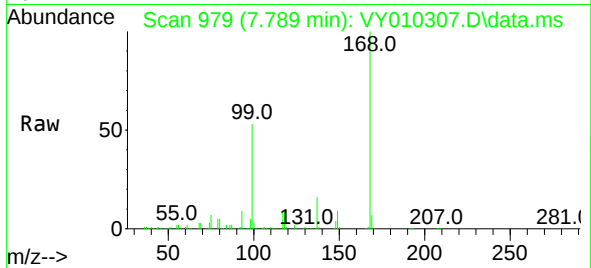




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

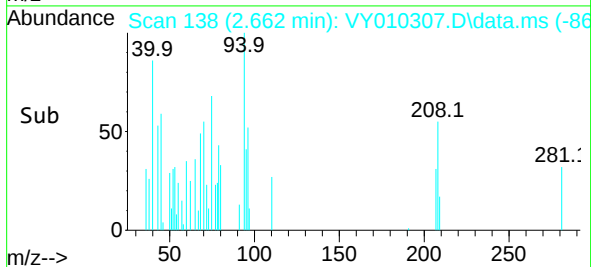
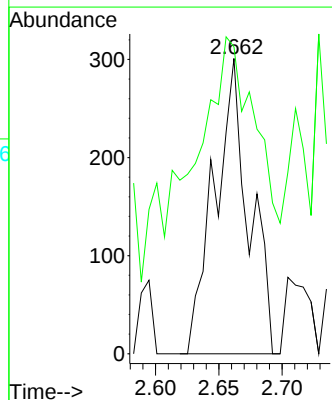
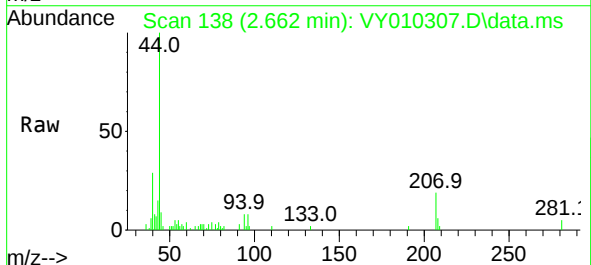
Instrument :
MSVOA_Y
ClientSampleId :

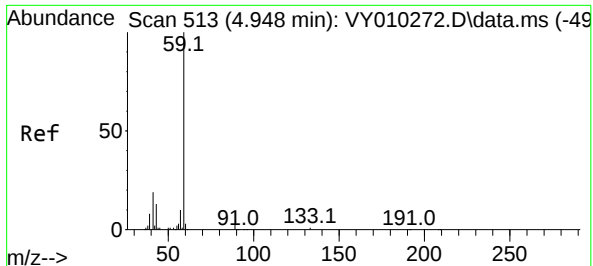
Tgt Ion:168 Resp: 280893
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.018 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 94 Resp: 570
Ion Ratio Lower Upper
94 100
96 59.8 73.5 110.3#





#11

Tert butyl alcohol

Concen: 2.101 ug/l

RT: 4.954 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY010307.D

Acq: 03 Sep 2022 03:46

Instrument :

MSVOA_Y

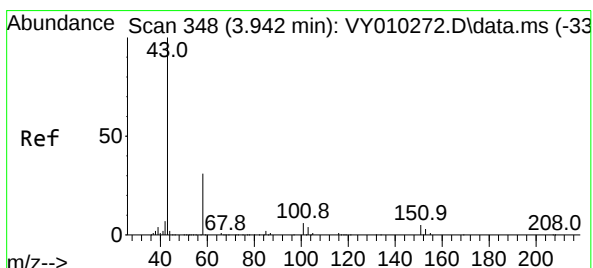
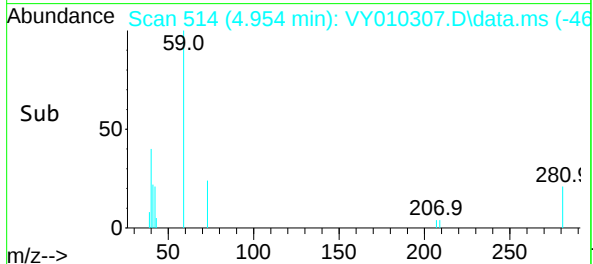
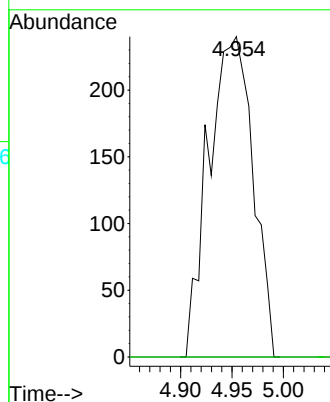
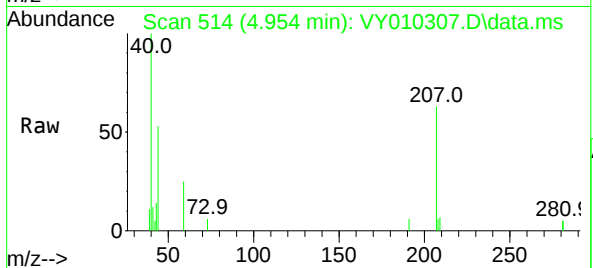
ClientSampleId :

Tgt Ion: 59 Resp: 724

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.469 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY010307.D

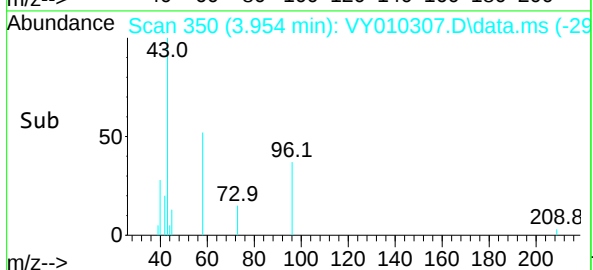
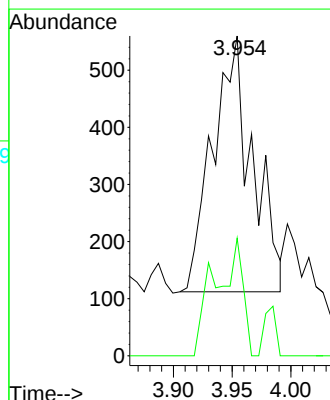
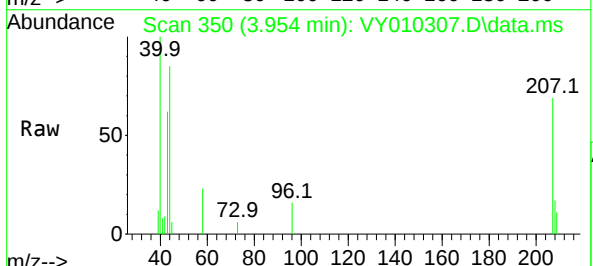
Acq: 03 Sep 2022 03:46

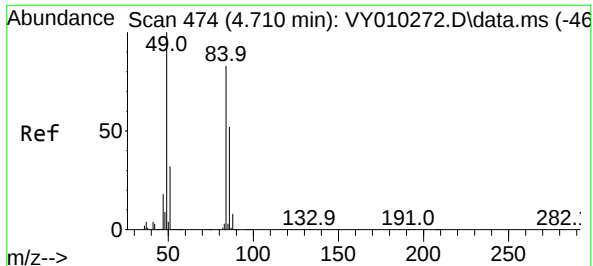
Tgt Ion: 43 Resp: 1058

Ion Ratio Lower Upper

43 100

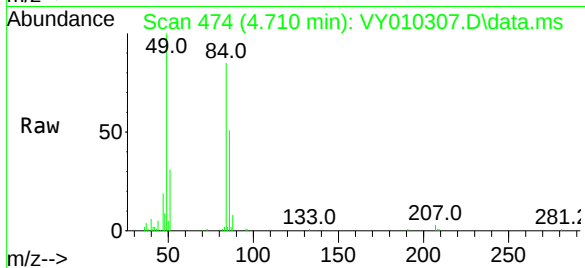
58 46.0 22.0 33.0#





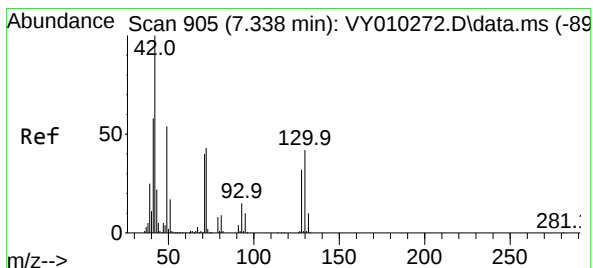
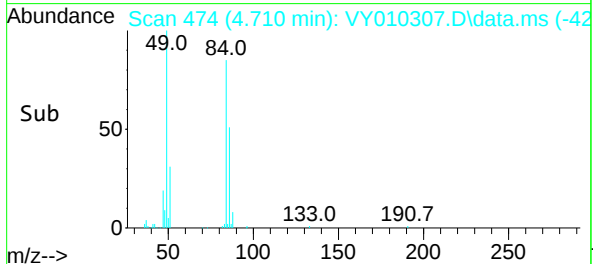
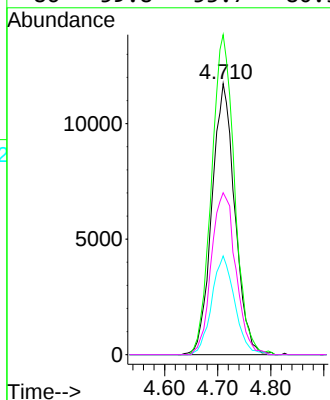
#20
Methylene Chloride
Concen: 10.135 ug/l
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 35216

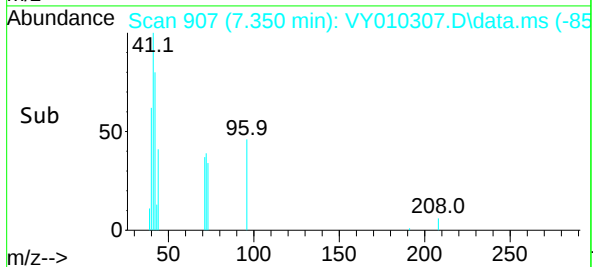
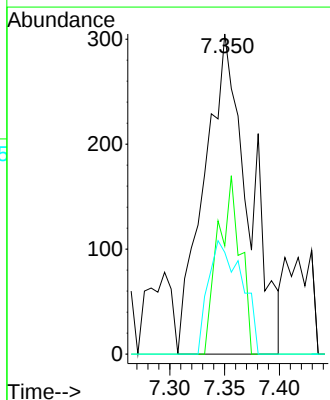
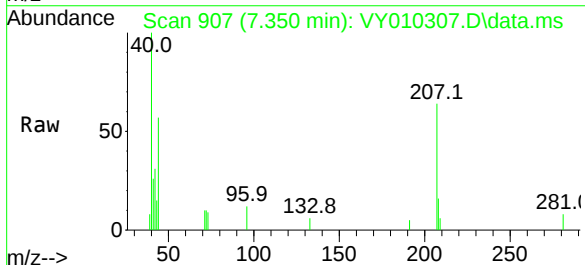
Ion	Ratio	Lower	Upper
84	100		
49	118.1	114.4	171.6
51	36.4	35.3	52.9
86	59.8	53.7	80.5

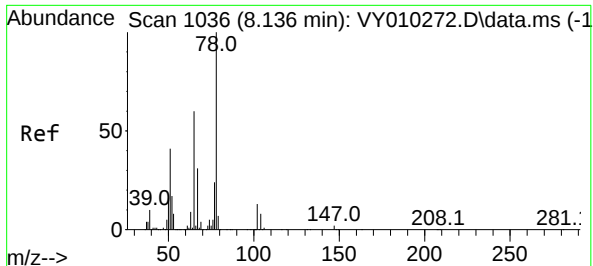


#29
Tetrahydrofuran
Concen: 1.136 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.012 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 42 Resp: 860

Ion	Ratio	Lower	Upper
42	100		
72	27.8	30.3	45.5#
71	26.5	29.0	43.4#





#33

1,2-Dichloroethane-d4

Concen: 55.749 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010307.D

Acq: 03 Sep 2022 03:46

Instrument :

MSVOA_Y

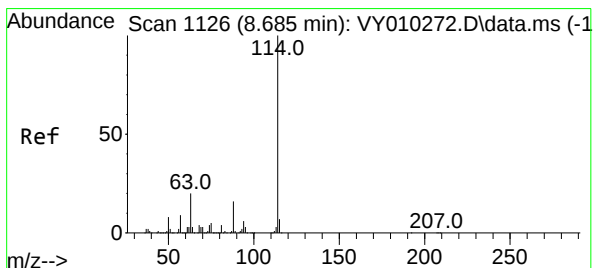
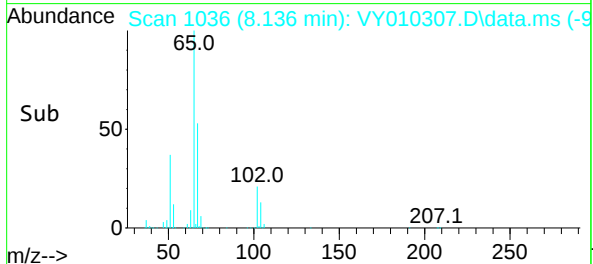
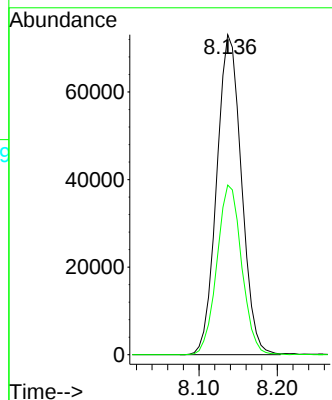
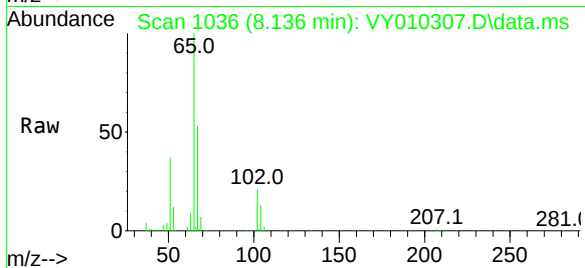
ClientSampleId :

Tgt Ion: 65 Resp: 160571

Ion Ratio Lower Upper

65 100

67 52.9 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: VY010307.D

Acq: 03 Sep 2022 03:46

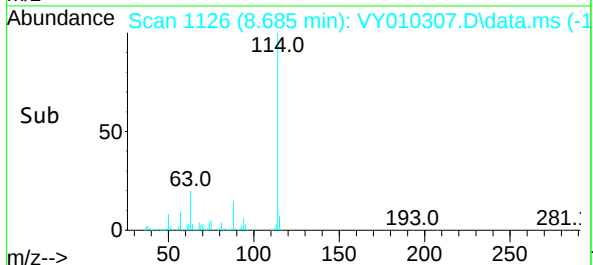
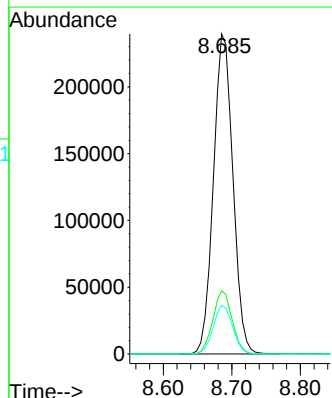
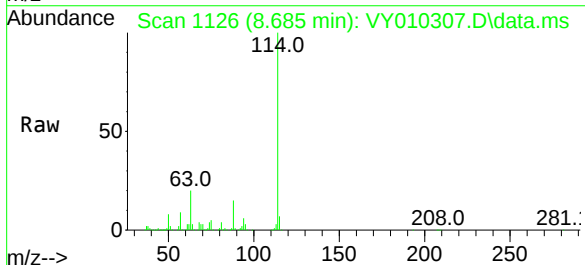
Tgt Ion: 114 Resp: 473059

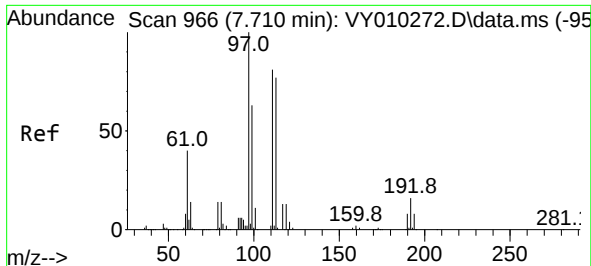
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8

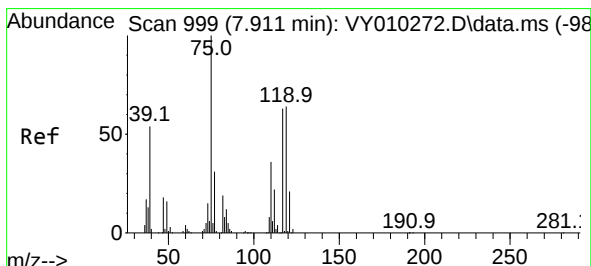
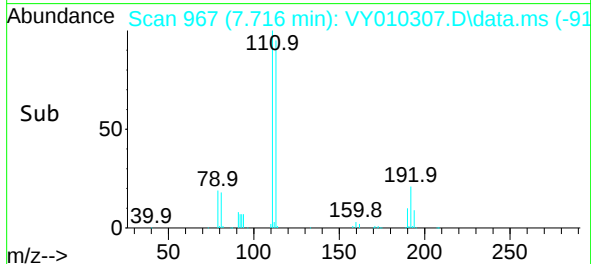
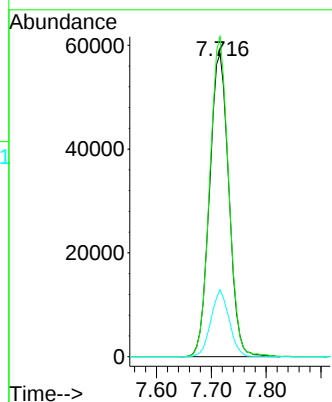
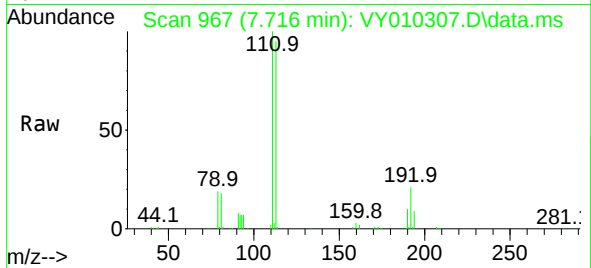




#35
Dibromofluoromethane
Concen: 45.225 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

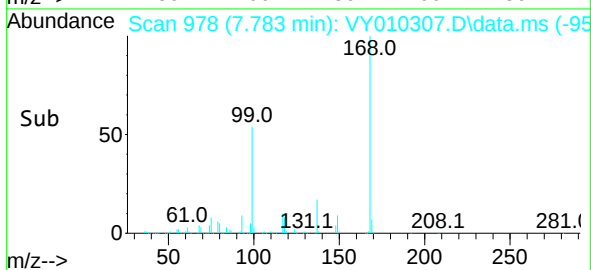
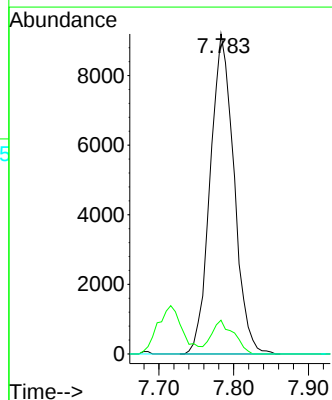
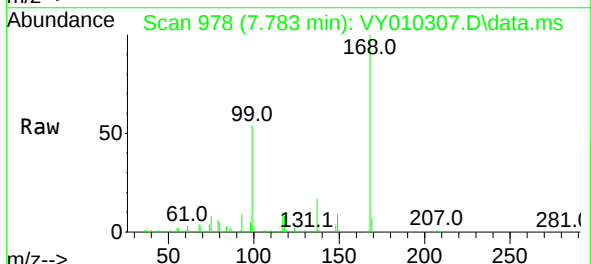
Instrument :
MSVOA_Y
ClientSampleId :

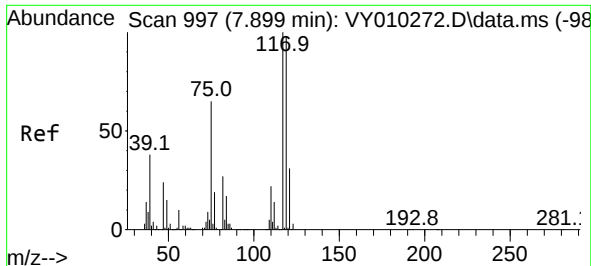
Tgt Ion:113 Resp: 142425
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.396 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 75 Resp: 20310
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

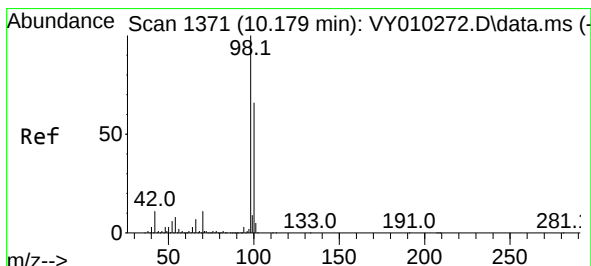
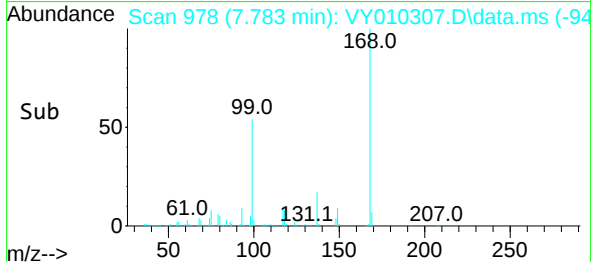
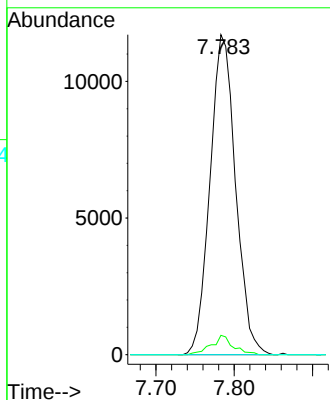
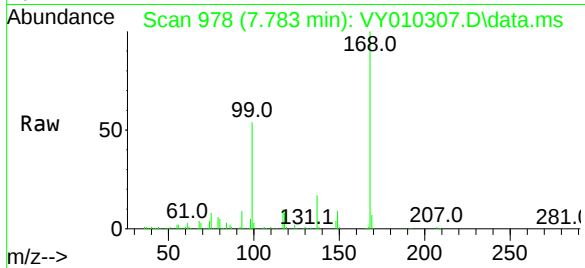




#38
Carbon Tetrachloride
Concen: 5.587 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

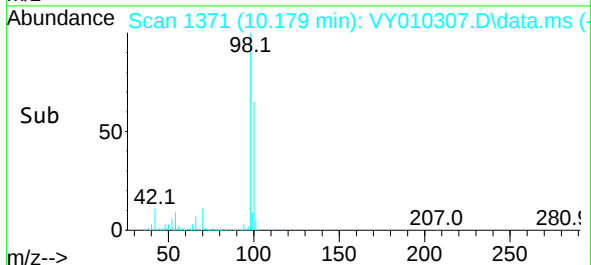
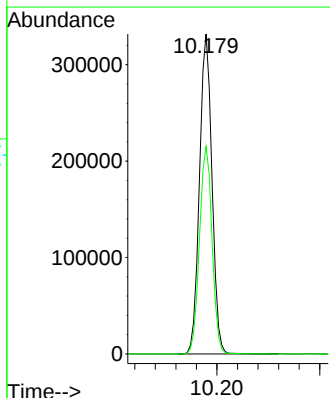
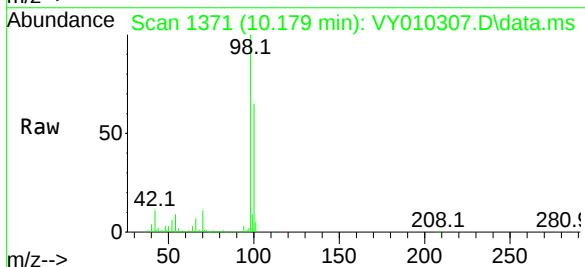
Instrument :
MSVOA_Y
ClientSampleId :

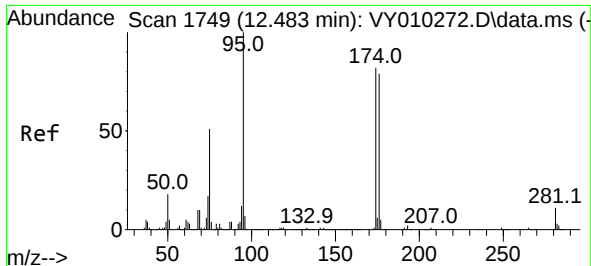
Tgt Ion:117 Resp: 26607
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.960 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 98 Resp: 558395
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

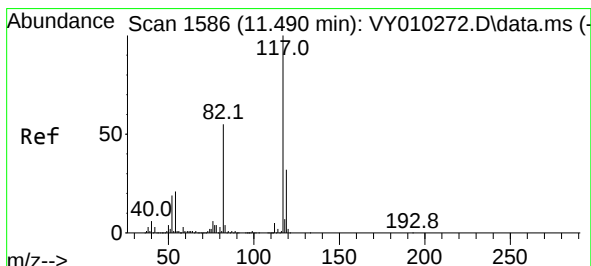
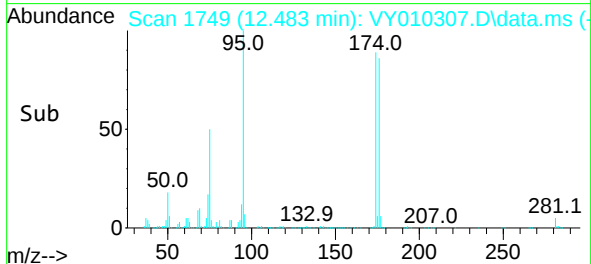
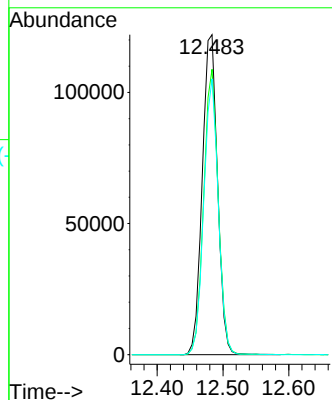
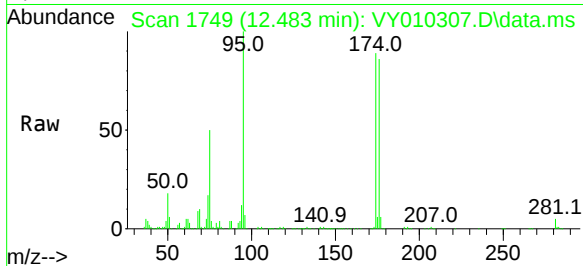




#62
4-Bromofluorobenzene
Concen: 46.078 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

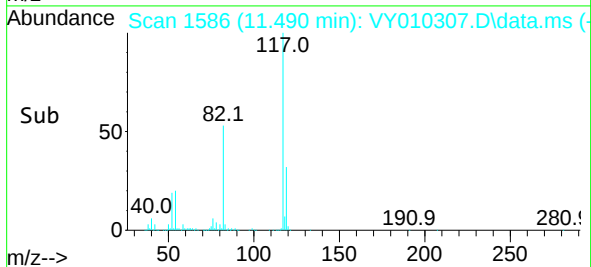
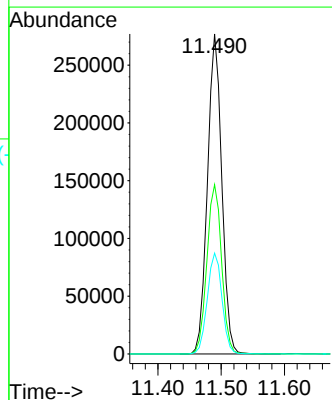
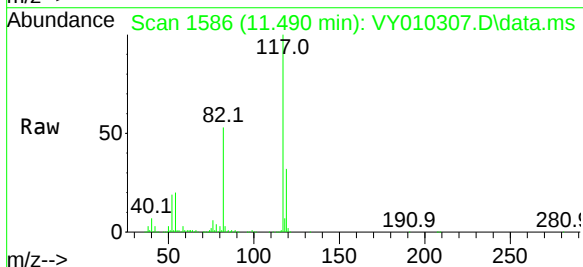
Instrument :
MSVOA_Y
ClientSampleId :

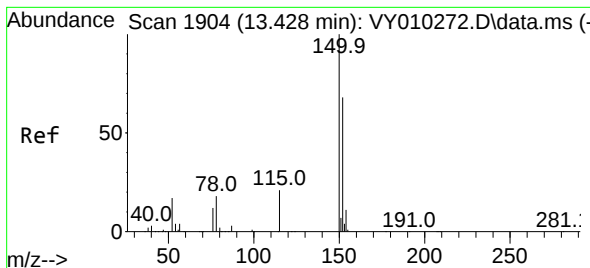
Tgt Ion: 95 Resp: 196658
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 82.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010307.D
Acq: 03 Sep 2022 03:46

Tgt Ion: 117 Resp: 436208
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.5 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010307.D

Acq: 03 Sep 2022 03:46

Instrument :

MSVOA_Y

ClientSampleId :

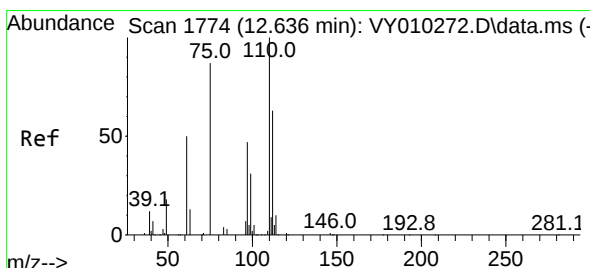
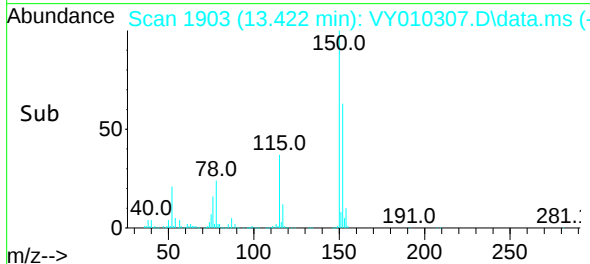
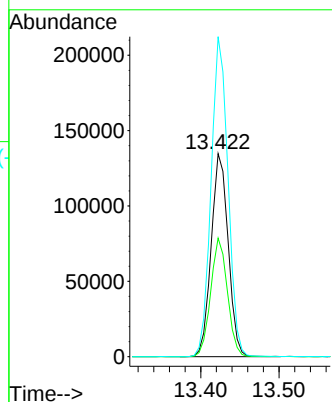
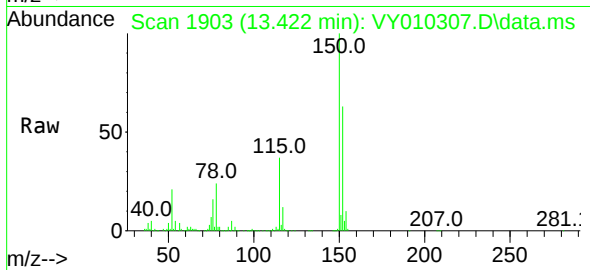
Tgt Ion:152 Resp: 202959

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 156.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.546 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010307.D

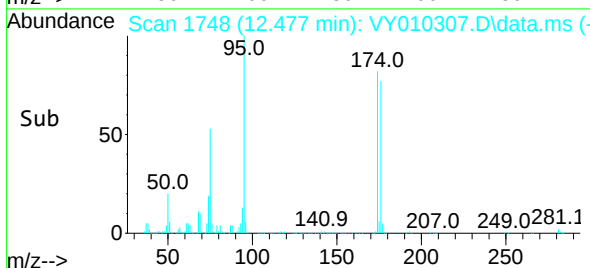
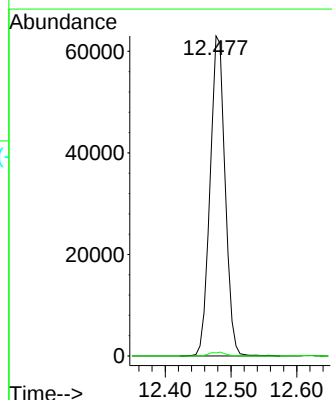
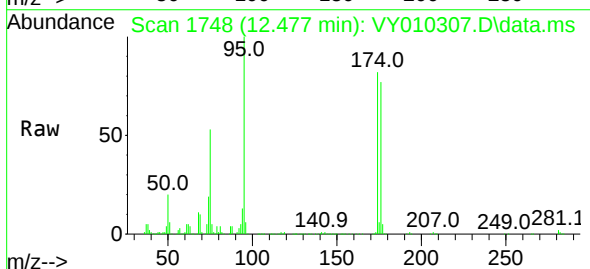
Acq: 03 Sep 2022 03:46

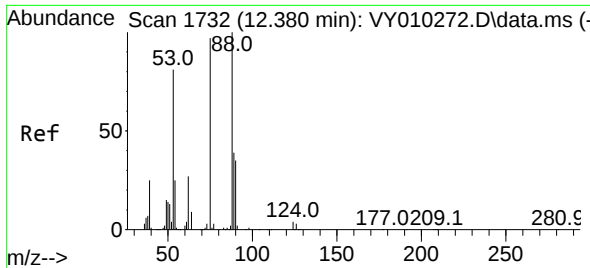
Tgt Ion: 75 Resp: 100346

Ion Ratio Lower Upper

75 100

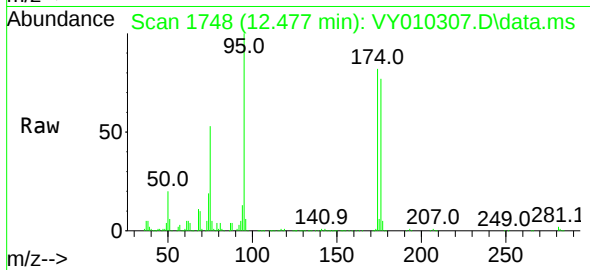
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.670 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010307.D
 Acq: 03 Sep 2022 03:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 100346
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

