

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010282.D
 Acq On : 02 Sep 2022 16:31
 Operator : KP/MD
 Sample : N4433-04
 Misc : 3.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 02 16:50:37 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)

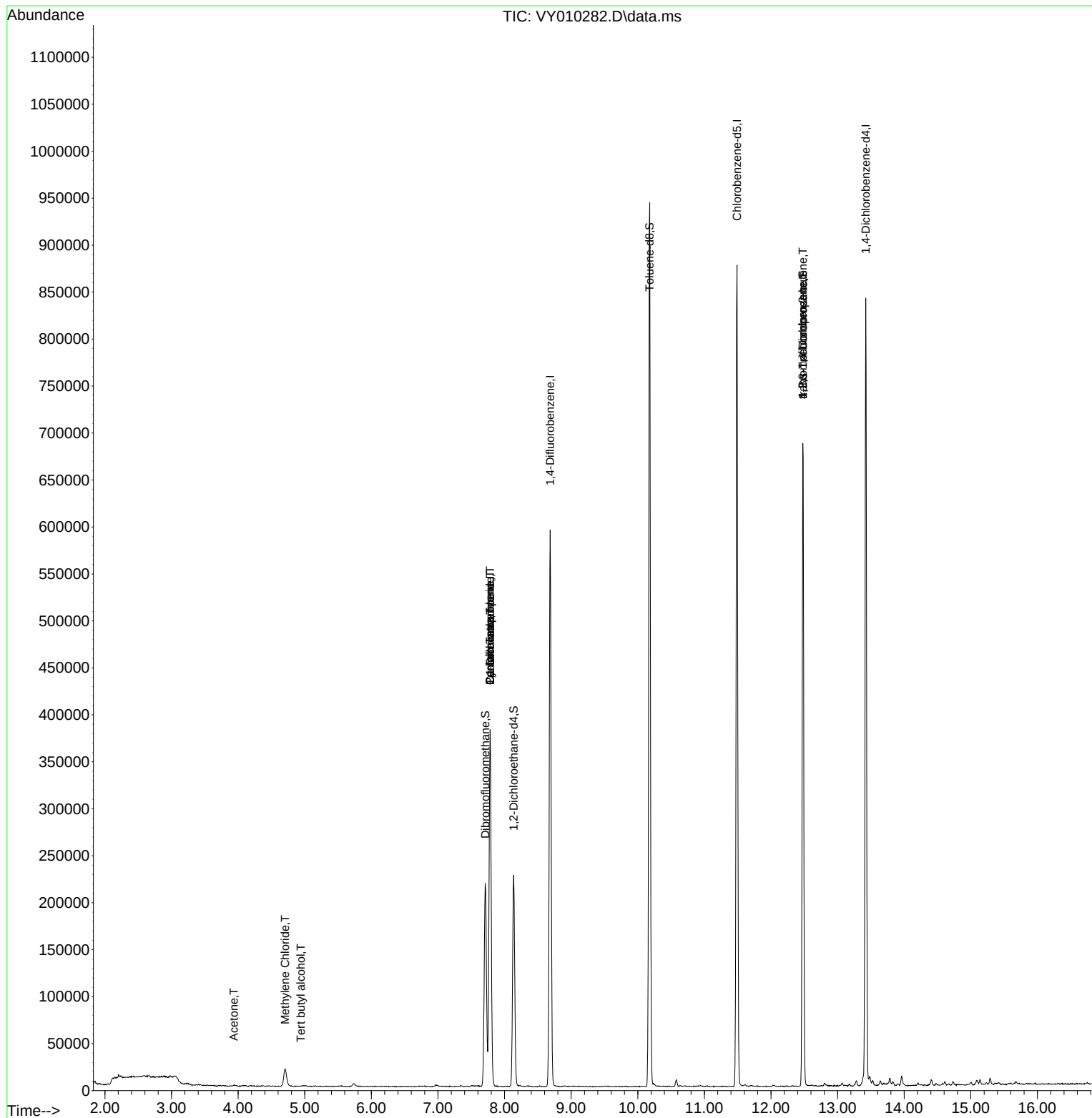
Internal Standards						
1) Pentafluorobenzene	7.783	168	298551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	512241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	480424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	217804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	175110	57.201	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.400%
35) Dibromofluoromethane	7.710	113	155773	45.680	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.360%
50) Toluene-d8	10.179	98	618760	54.196	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.400%
62) 4-Bromofluorobenzene	12.477	95	218713	47.521	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.040%
Target Compounds						
					Qvalue	
5) Bromomethane	2.650	94	908	Below Cal	#	47
11) Tert butyl alcohol	4.942	59	1358	3.708	ug/l #	88
16) Acetone	3.936	43	1438	1.879	ug/l	95
20) Methylene Chloride	4.704	84	13357	3.617	ug/l	89
31) Cyclohexane	7.783	56	6112	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22868	4.571	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28697	5.565	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	110541	42.648	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	110541	88.968	ug/l #	7

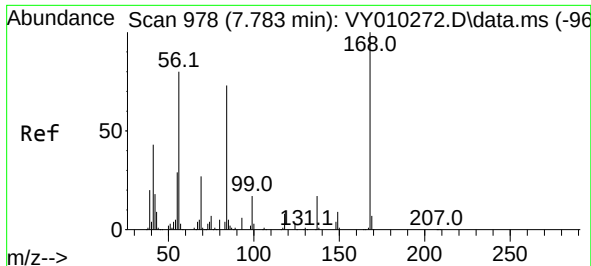
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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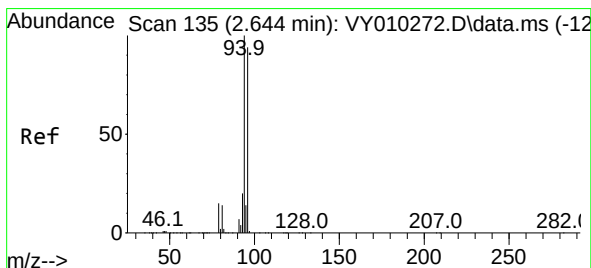
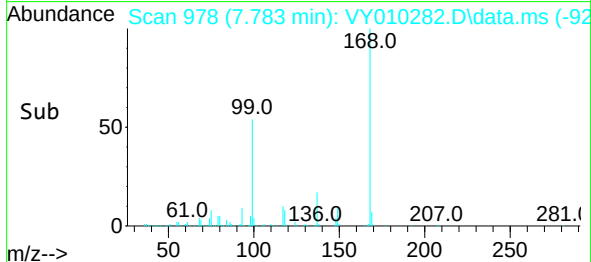
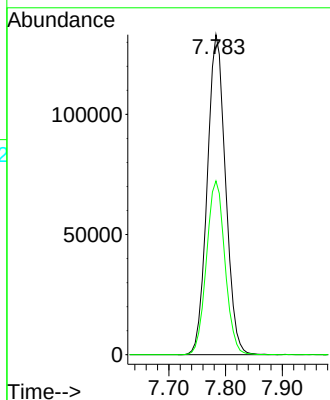
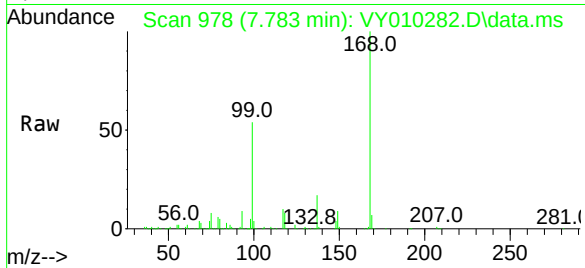




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

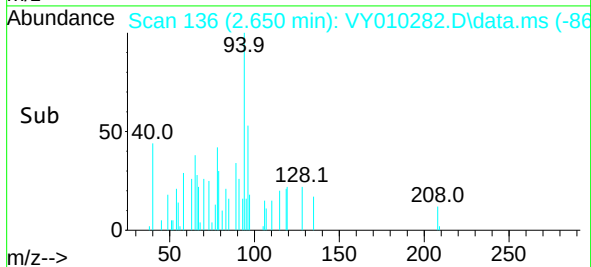
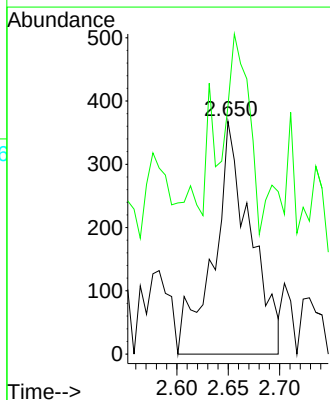
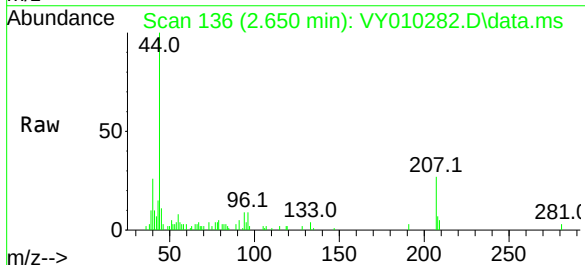
Instrument :
MSVOA_Y
ClientSampleId :

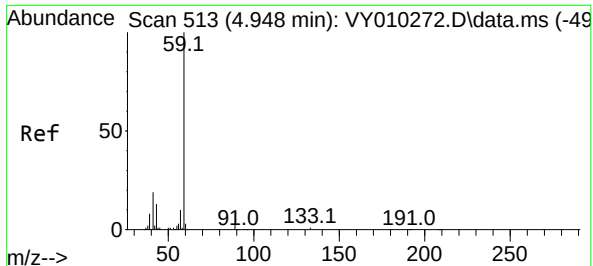
Tgt Ion:168 Resp: 298551
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 136
Delta R.T. 0.006 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion: 94 Resp: 908
Ion Ratio Lower Upper
94 100
96 41.6 73.5 110.3#





#11

Tert butyl alcohol

Concen: 3.708 ug/l

RT: 4.942 min Scan# 513

Delta R.T. -0.006 min

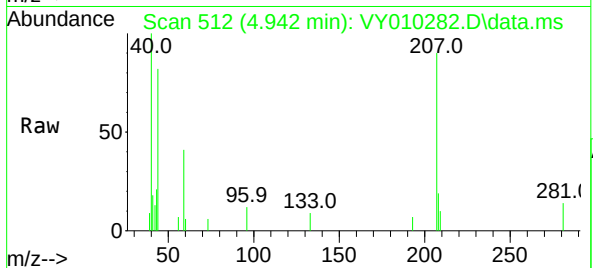
Lab File: VY010282.D

Acq: 02 Sep 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

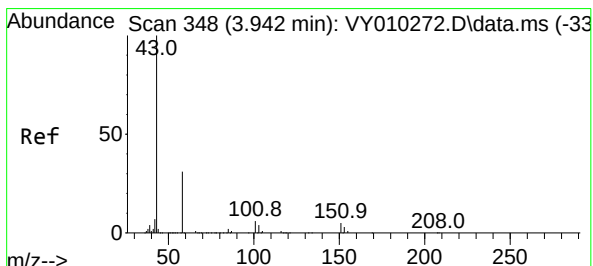
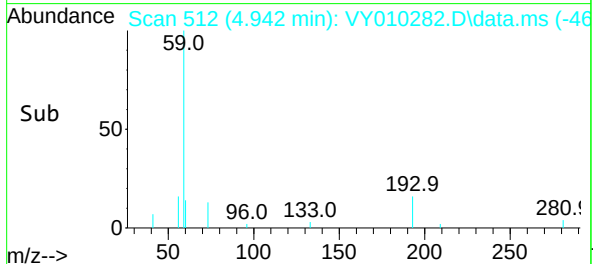
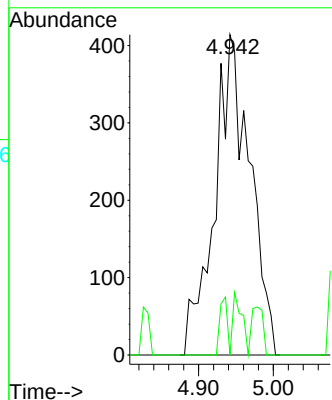


Tgt Ion: 59 Resp: 1358

Ion Ratio Lower Upper

59 100

57 3.8 6.4 9.6#



#16

Acetone

Concen: 1.879 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.006 min

Lab File: VY010282.D

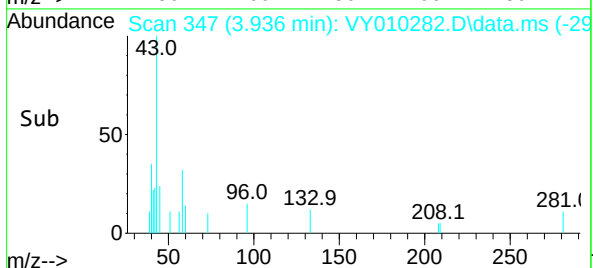
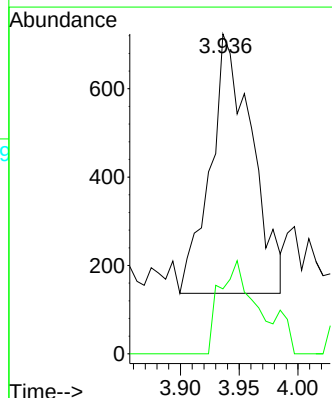
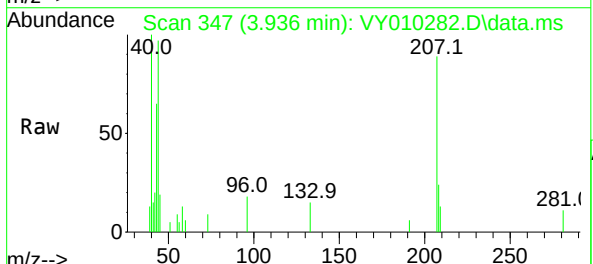
Acq: 02 Sep 2022 16:31

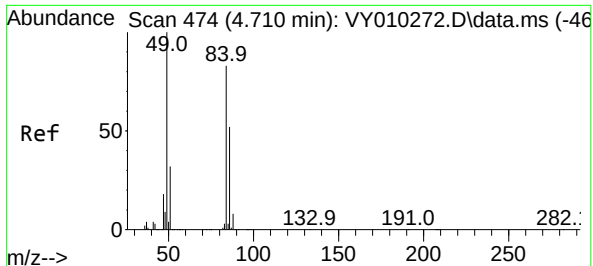
Tgt Ion: 43 Resp: 1438

Ion Ratio Lower Upper

43 100

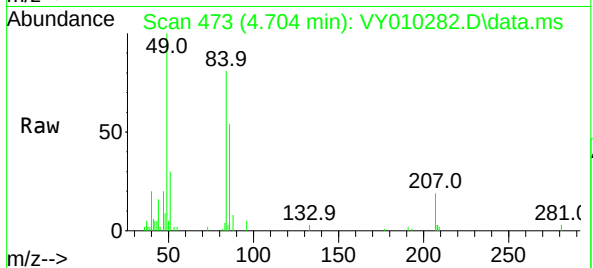
58 25.0 22.0 33.0





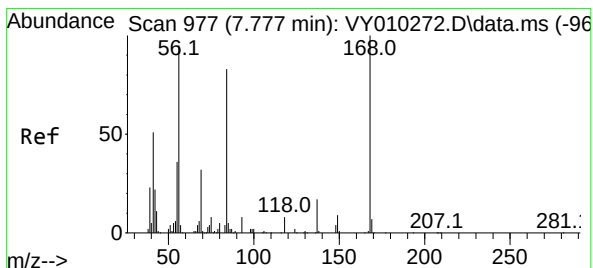
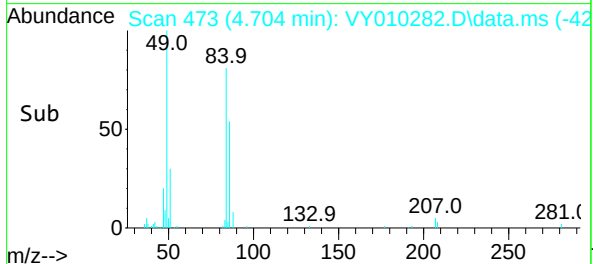
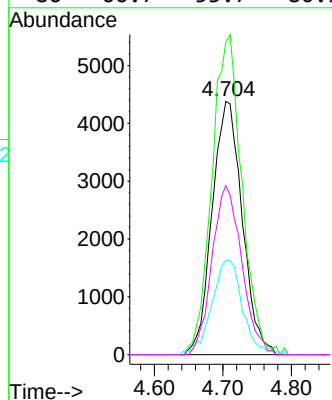
#20
Methylene Chloride
Concen: 3.617 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 13357

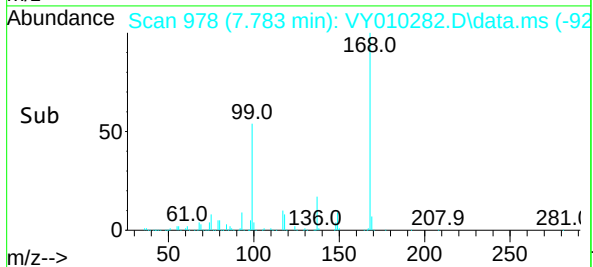
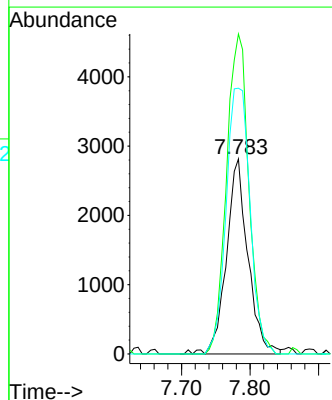
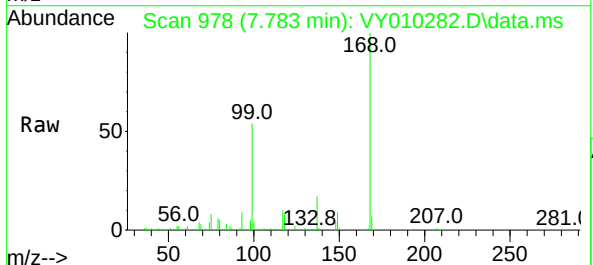
Ion	Ratio	Lower	Upper
84	100		
49	123.4	114.4	171.6
51	37.3	35.3	52.9
86	66.7	53.7	80.5

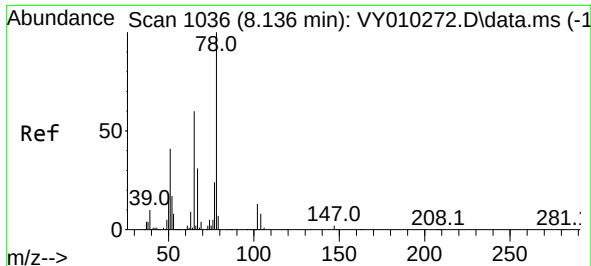


#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion: 56 Resp: 6112

Ion	Ratio	Lower	Upper
56	100		
69	164.1	26.7	40.1#
84	136.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.201 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010282.D

Acq: 02 Sep 2022 16:31

Instrument :

MSVOA_Y

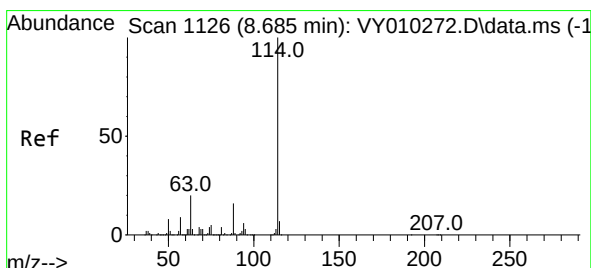
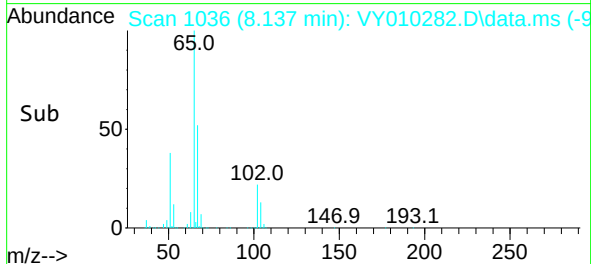
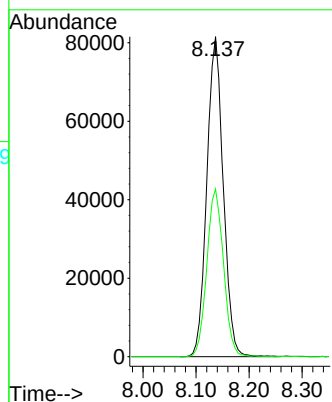
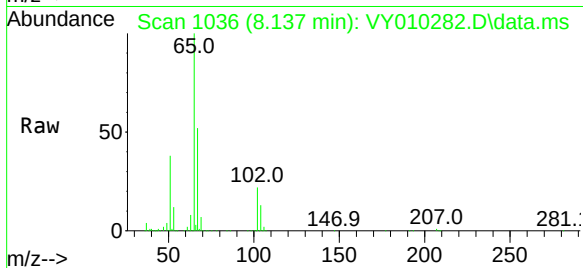
ClientSampleId :

Tgt Ion: 65 Resp: 175110

Ion Ratio Lower Upper

65 100

67 53.2 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: VY010282.D

Acq: 02 Sep 2022 16:31

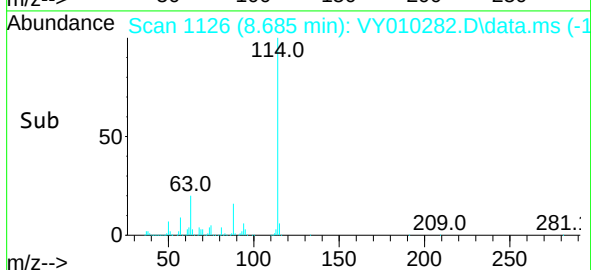
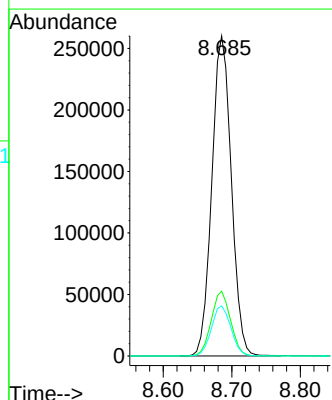
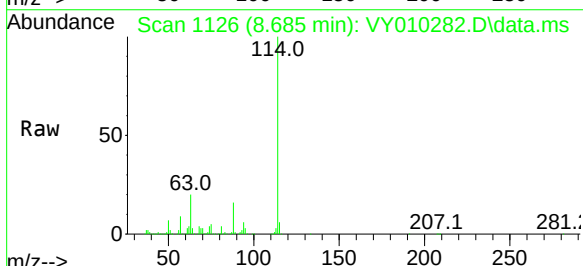
Tgt Ion:114 Resp: 512241

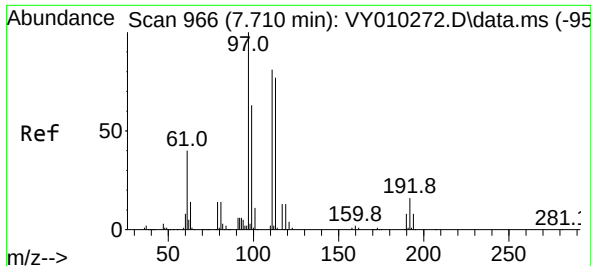
Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 15.7 0.0 31.8

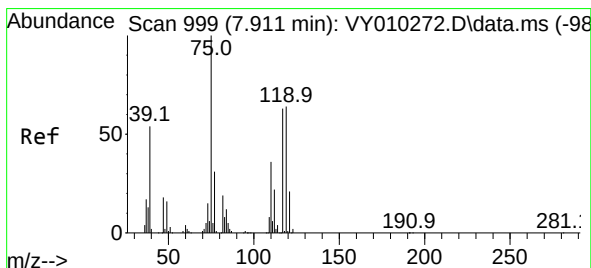
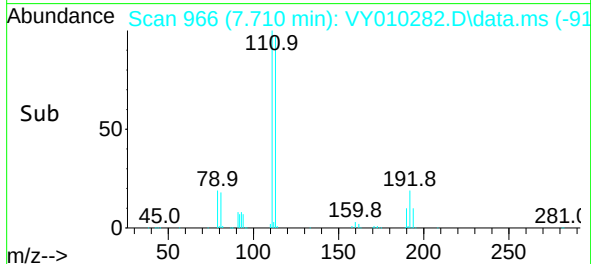
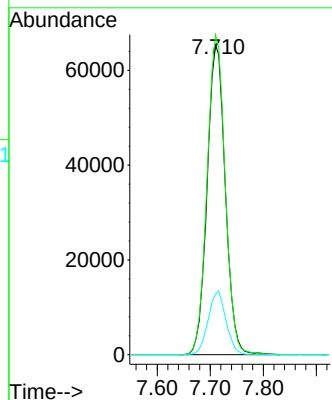
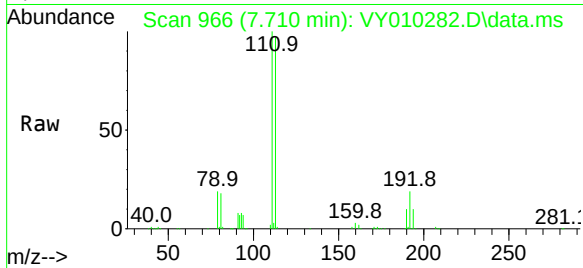




#35
Dibromofluoromethane
Concen: 45.680 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

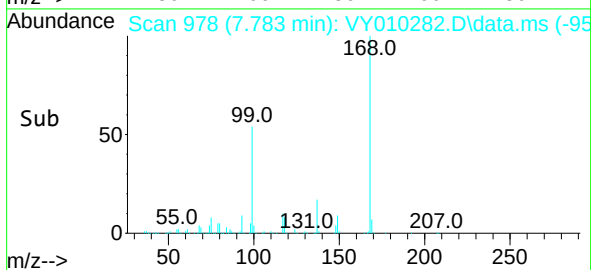
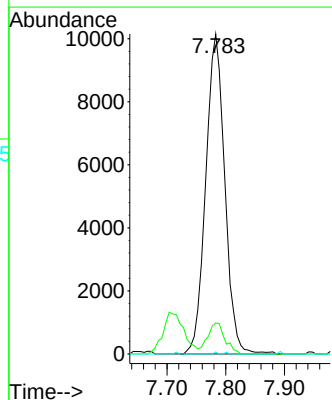
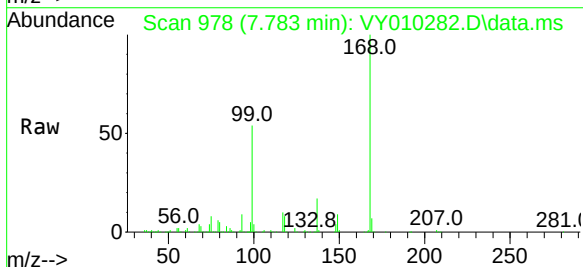
Instrument :
MSVOA_Y
ClientSampleId :

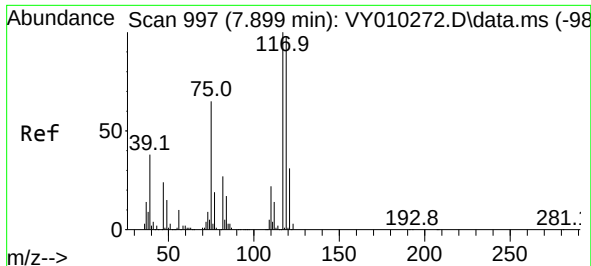
Tgt Ion:113 Resp: 155773
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

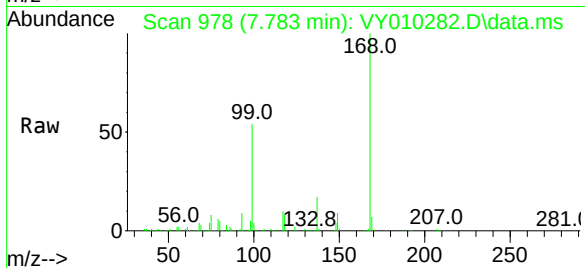
Tgt Ion: 75 Resp: 22868
Ion Ratio Lower Upper
75 100
110 8.9 17.1 51.2#
77 0.1 24.4 36.6#



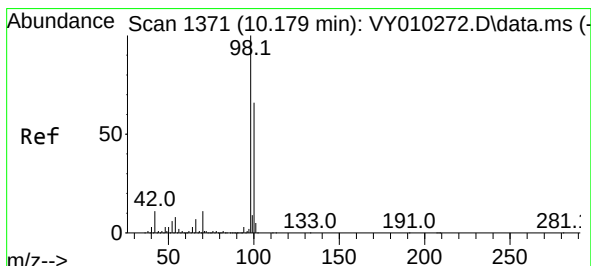
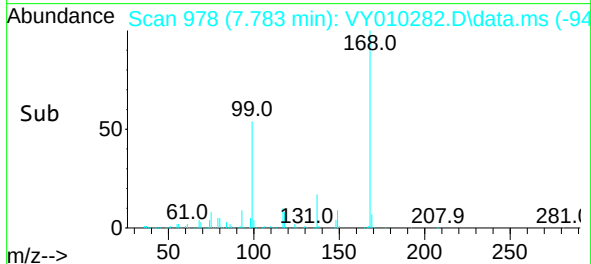
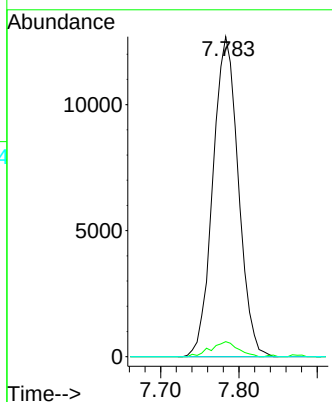


#38
Carbon Tetrachloride
Concen: 5.565 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Instrument :
MSVOA_Y
ClientSampleId :

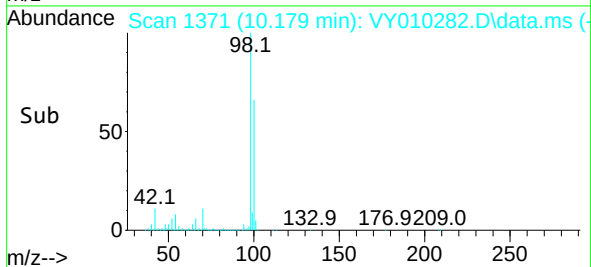
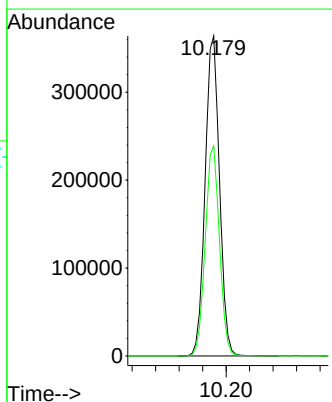
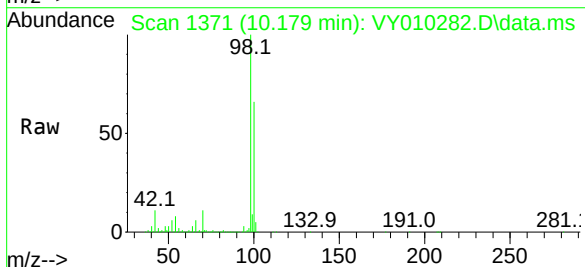


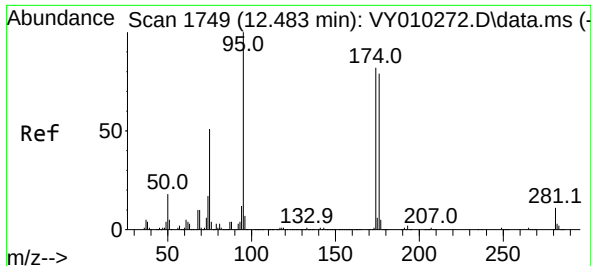
Tgt Ion:117 Resp: 28697
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.196 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion: 98 Resp: 618760
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

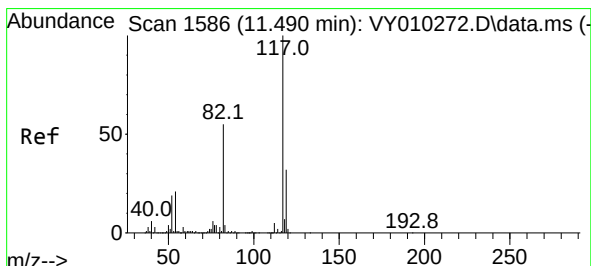
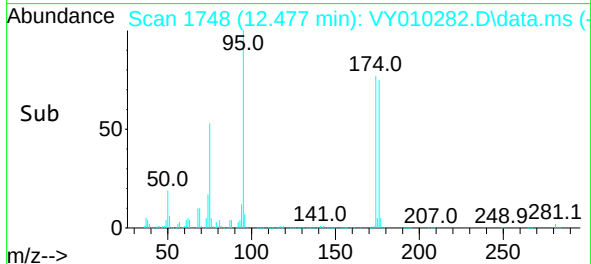
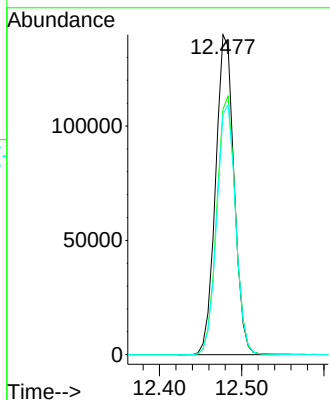
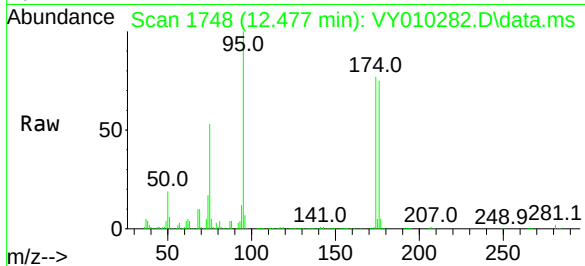




#62
4-Bromofluorobenzene
Concen: 47.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

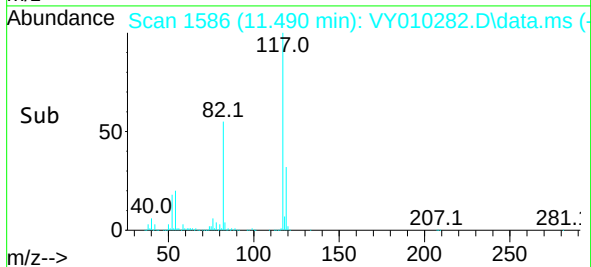
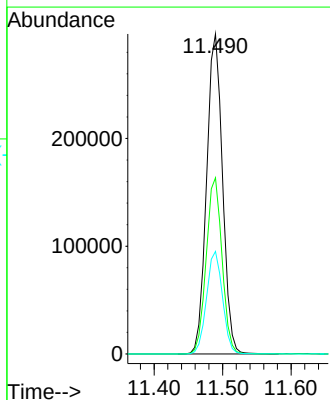
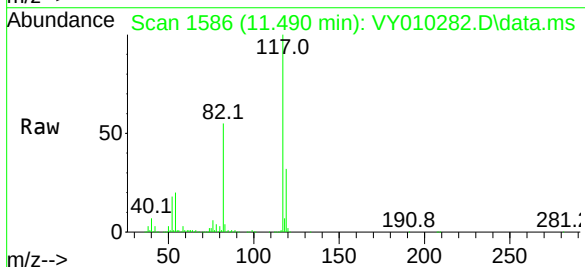
Instrument :
MSVOA_Y
ClientSampleId :

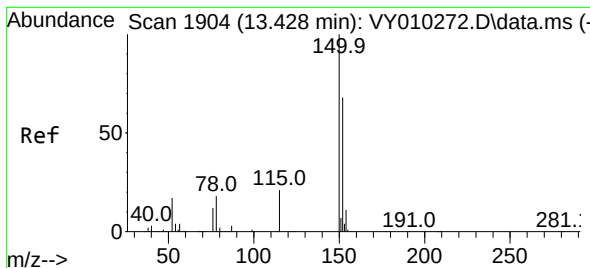
Tgt Ion: 95 Resp: 218713
Ion Ratio Lower Upper
95 100
174 82.0 0.0 177.0
176 79.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010282.D
Acq: 02 Sep 2022 16:31

Tgt Ion: 117 Resp: 480424
Ion Ratio Lower Upper
117 100
82 55.1 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: VY010282.D

Acq: 02 Sep 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

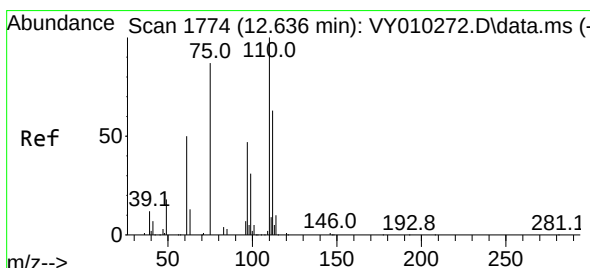
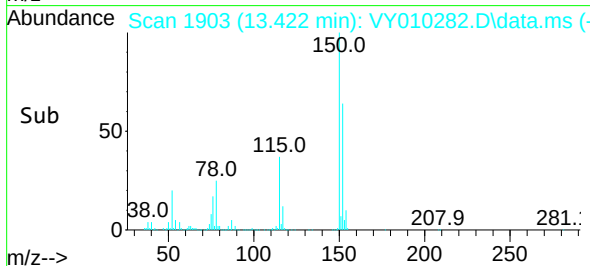
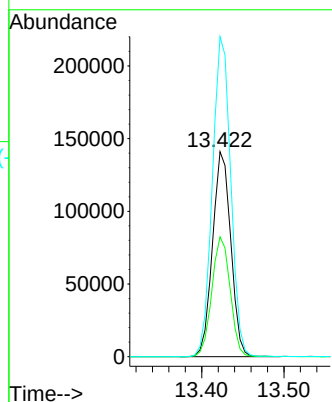
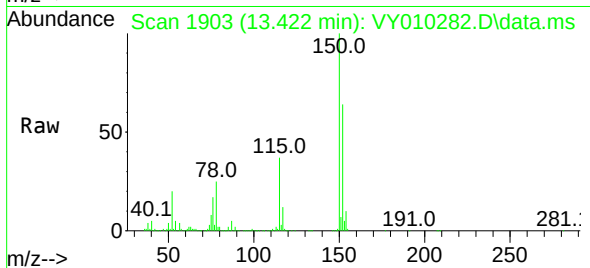
Tgt Ion:152 Resp: 217804

Ion Ratio Lower Upper

152 100

115 58.4 28.2 84.7

150 156.6 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 42.648 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

Lab File: VY010282.D

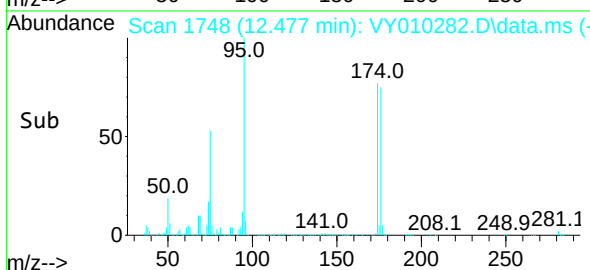
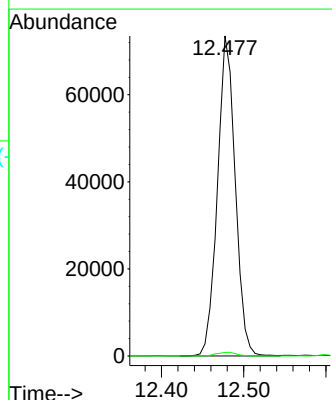
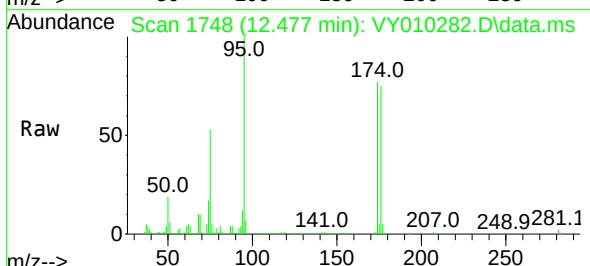
Acq: 02 Sep 2022 16:31

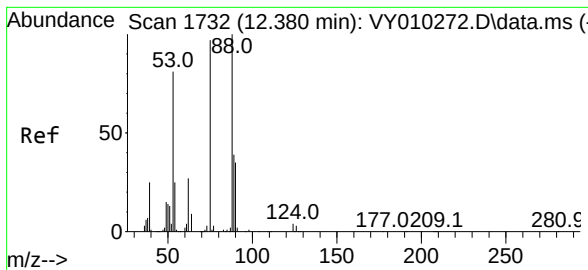
Tgt Ion: 75 Resp: 110541

Ion Ratio Lower Upper

75 100

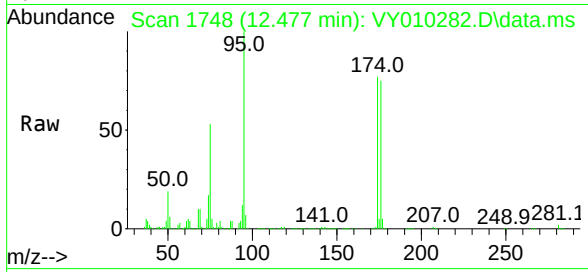
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.968 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY010282.D
 Acq: 02 Sep 2022 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 110541
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

