

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010310.D
 Acq On : 03 Sep 2022 04:56
 Operator : KP/MD
 Sample : N4379-19
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 03 06:13:56 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)

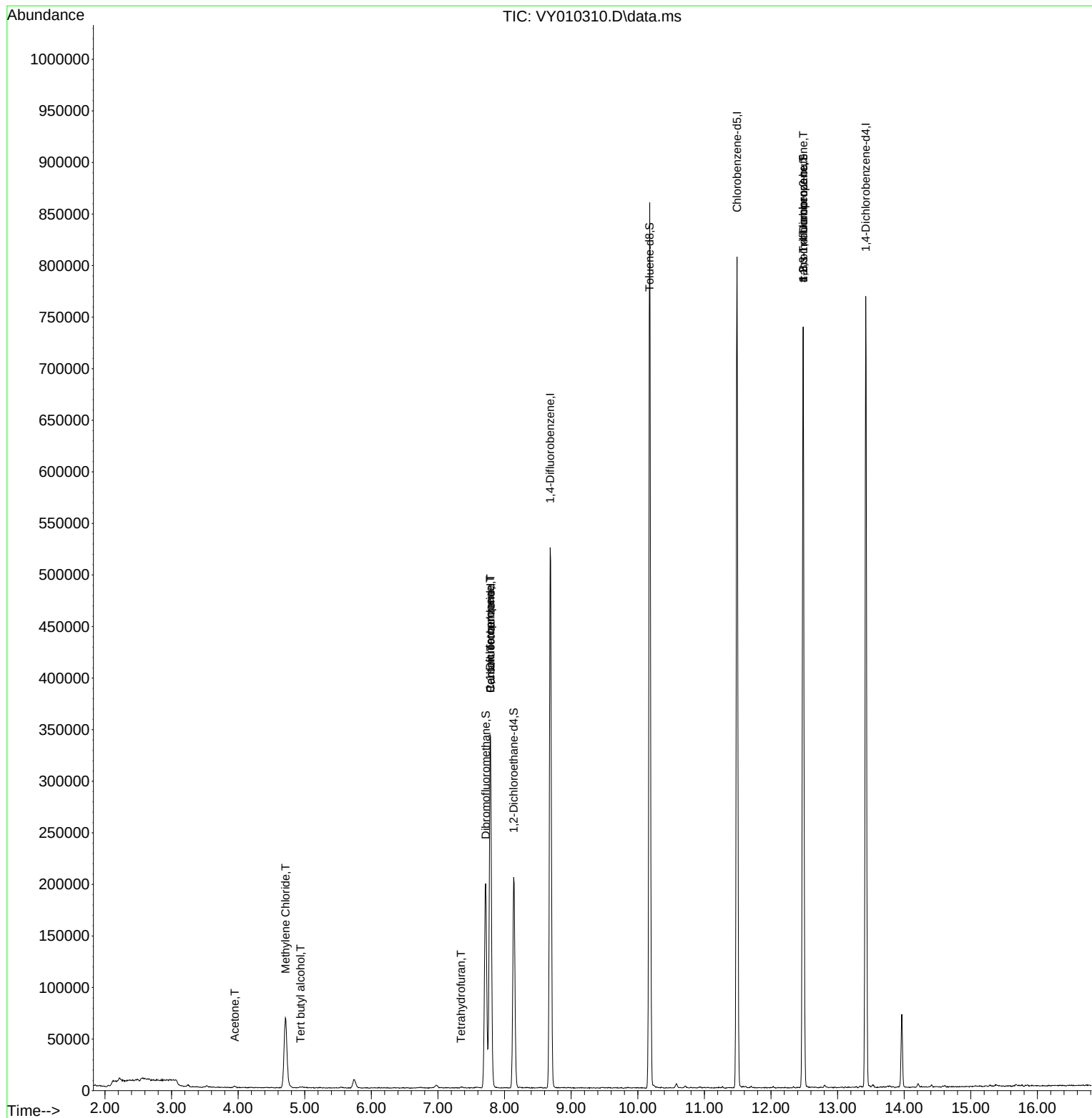
Internal Standards						
1) Pentafluorobenzene	7.789	168	277076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	439681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	160935	56.645	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	113.300%	
35) Dibromofluoromethane	7.716	113	140686	45.133	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	90.260%	
50) Toluene-d8	10.179	98	556248	53.299	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	106.600%	
62) 4-Bromofluorobenzene	12.483	95	196572	46.603	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	93.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	631	Below Cal	#	36
11) Tert butyl alcohol	4.936	59	978	2.877	ug/l #	77
16) Acetone	3.948	43	2326	3.275	ug/l #	71
20) Methylene Chloride	4.710	84	50784	14.817	ug/l	88
29) Tetrahydrofuran	7.344	42	942	1.261	ug/l #	71
36) 1,1-Dichloropropene	7.783	75	20687	4.523	ug/l #	51
38) Carbon Tetrachloride	7.789	117	26235	5.566	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	102797	42.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	102797	89.628	ug/l #	7

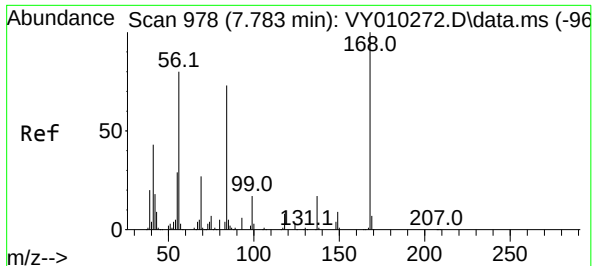
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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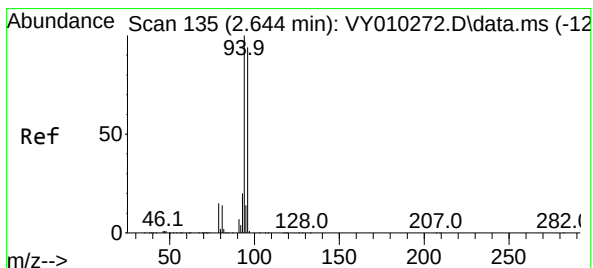
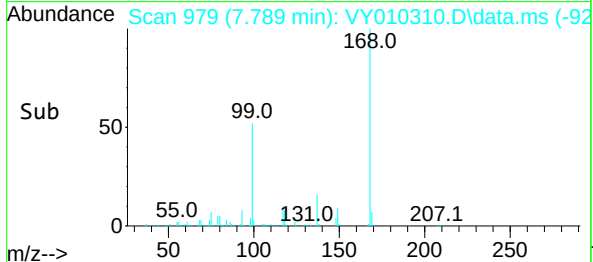
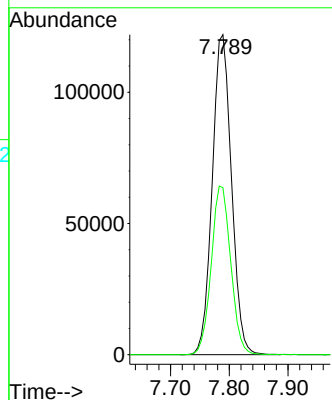
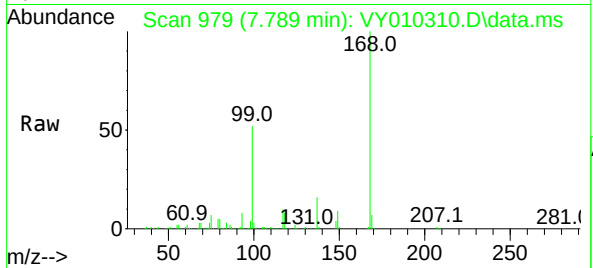




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

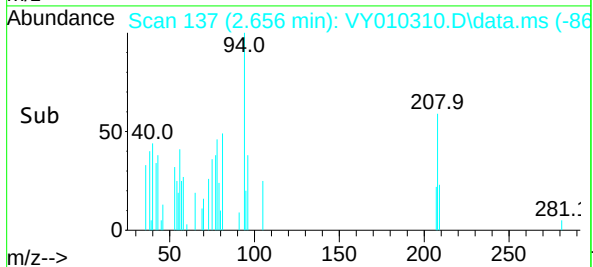
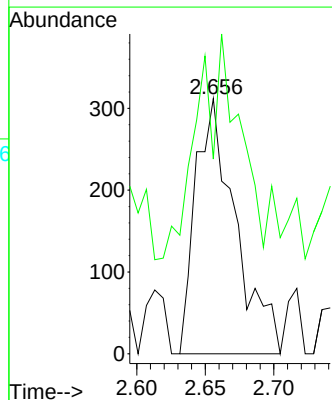
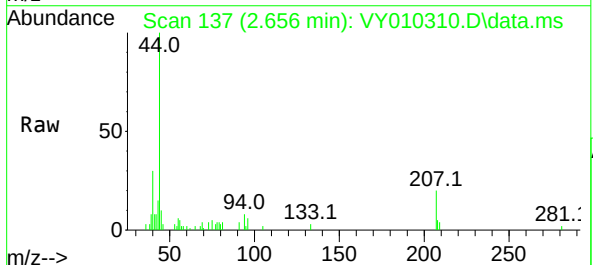
Instrument :
MSVOA_Y
ClientSampleId :

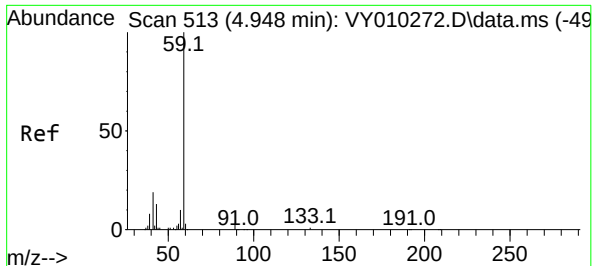
Tgt Ion:168 Resp: 277076
Ion Ratio Lower Upper
168 100
99 52.2 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.012 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Tgt Ion: 94 Resp: 631
Ion Ratio Lower Upper
94 100
96 30.8 73.5 110.3#





#11

Tert butyl alcohol

Concen: 2.877 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.012 min

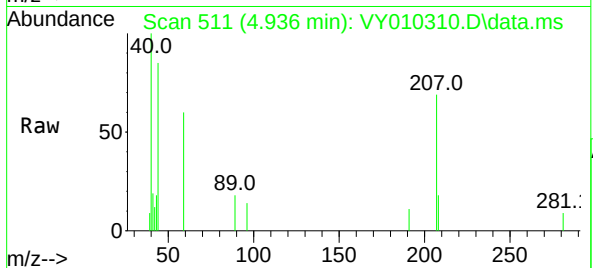
Lab File: VY010310.D

Acq: 03 Sep 2022 04:56

Instrument :

MSVOA_Y

ClientSampleId :

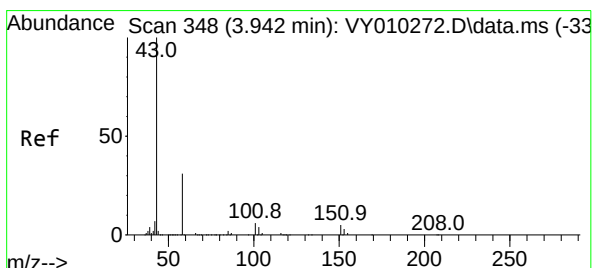
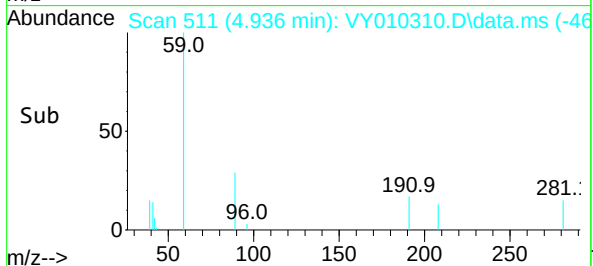
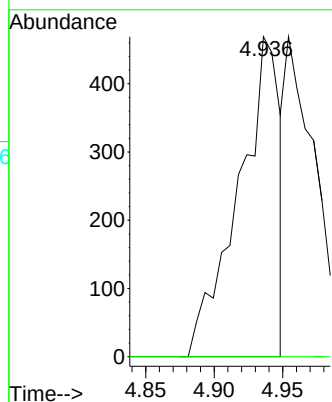


Tgt Ion: 59 Resp: 978

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 3.275 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.006 min

Lab File: VY010310.D

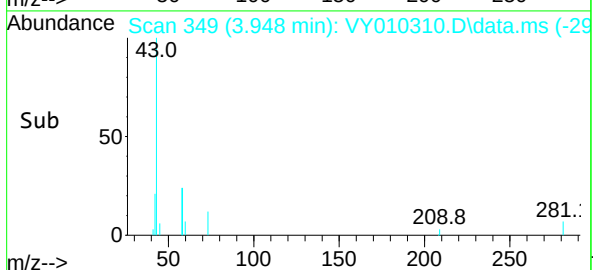
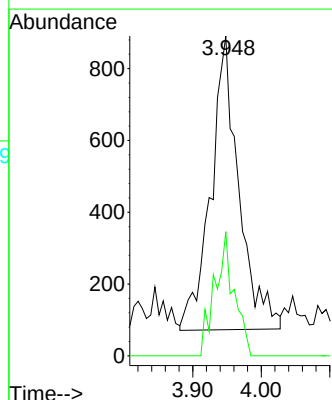
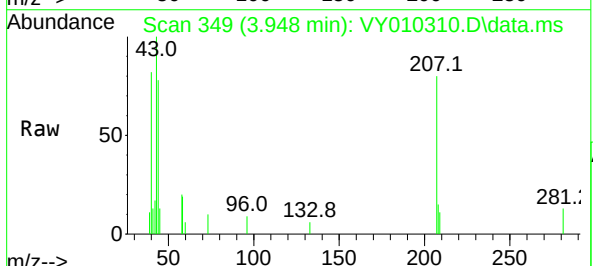
Acq: 03 Sep 2022 04:56

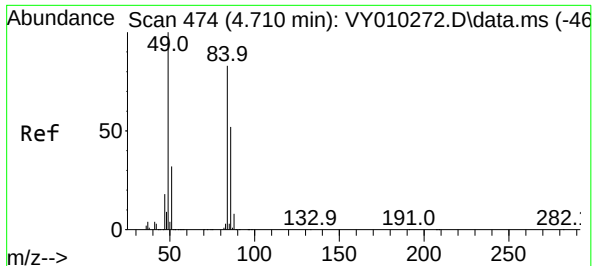
Tgt Ion: 43 Resp: 2326

Ion Ratio Lower Upper

43 100

58 42.9 22.0 33.0#





#20

Methylene Chloride

Concen: 14.817 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

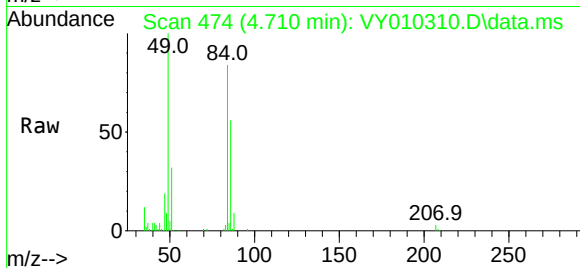
Lab File: VY010310.D

Acq: 03 Sep 2022 04:56

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 50784

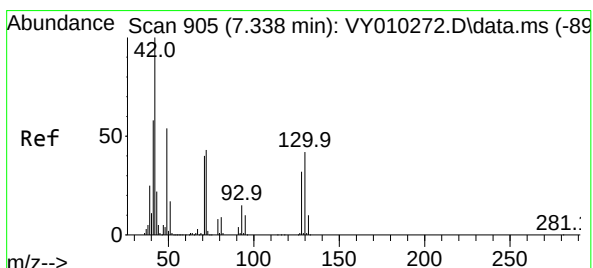
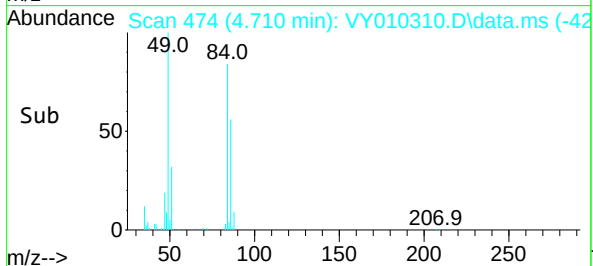
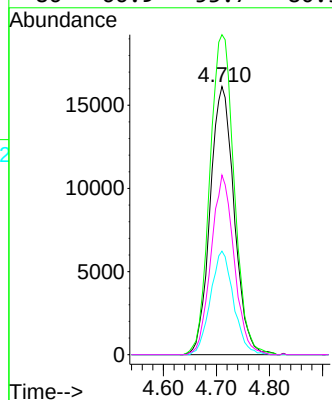
Ion Ratio Lower Upper

84 100

49 119.3 114.4 171.6

51 38.6 35.3 52.9

86 66.9 53.7 80.5



#29

Tetrahydrofuran

Concen: 1.261 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY010310.D

Acq: 03 Sep 2022 04:56

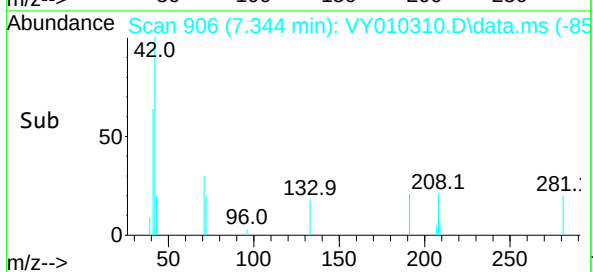
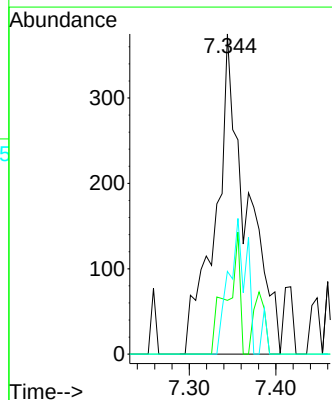
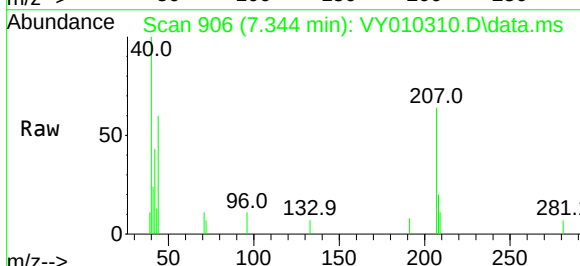
Tgt Ion: 42 Resp: 942

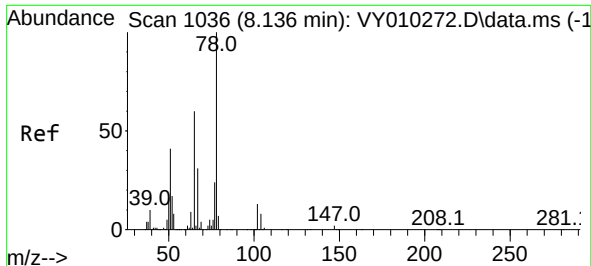
Ion Ratio Lower Upper

42 100

72 15.7 30.3 45.5#

71 23.5 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 56.645 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. 0.001 min

Lab File: VY010310.D

Acq: 03 Sep 2022 04:56

Instrument :

MSVOA_Y

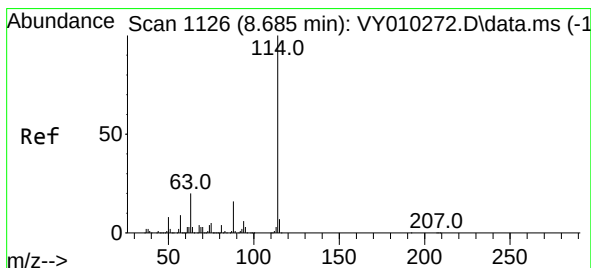
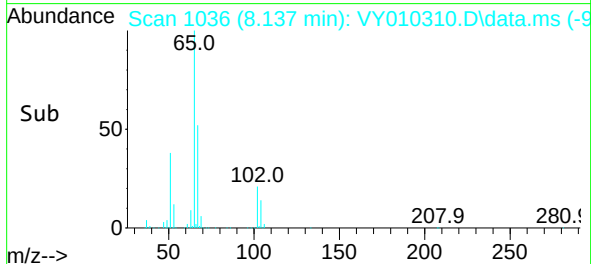
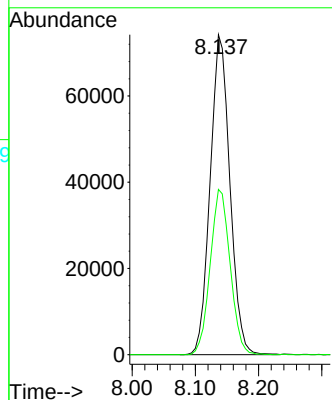
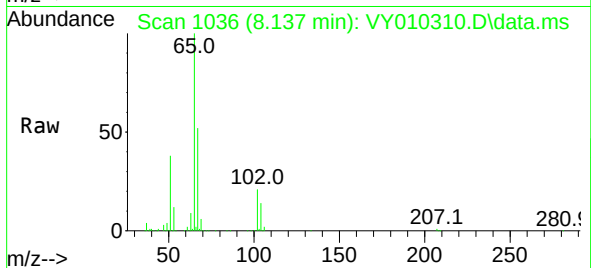
ClientSampleId :

Tgt Ion: 65 Resp: 160935

Ion Ratio Lower Upper

65 100

67 52.2 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: VY010310.D

Acq: 03 Sep 2022 04:56

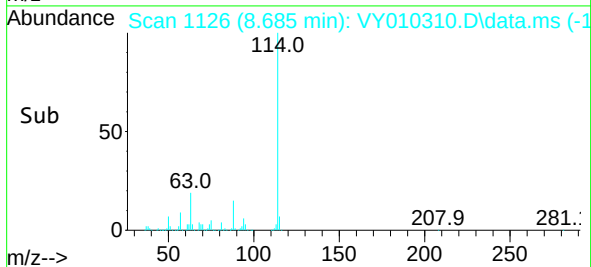
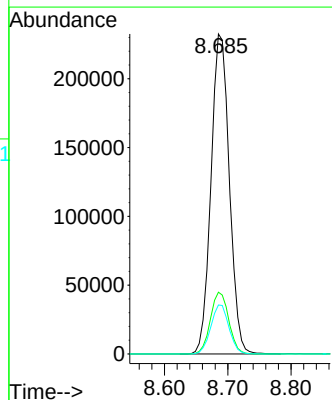
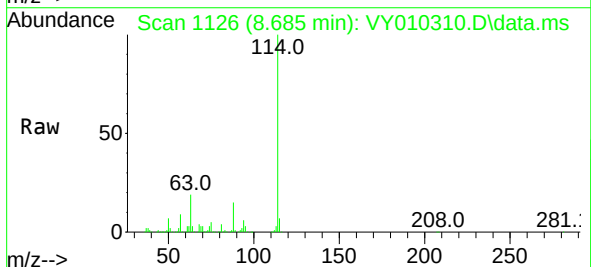
Tgt Ion: 114 Resp: 468240

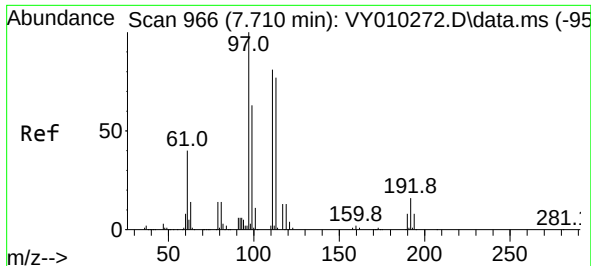
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.3 0.0 31.8

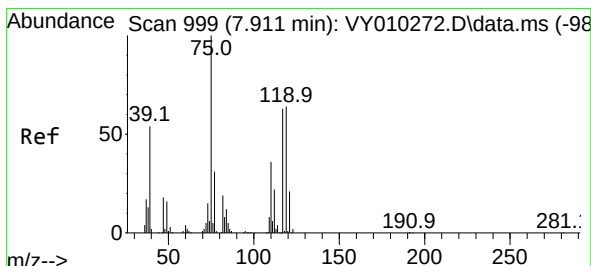
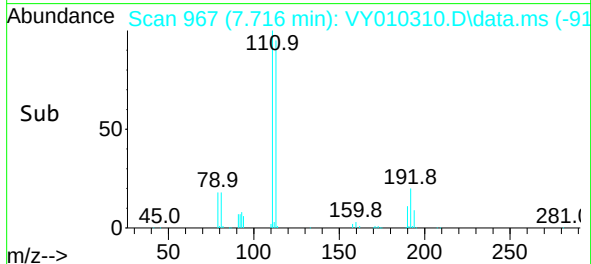
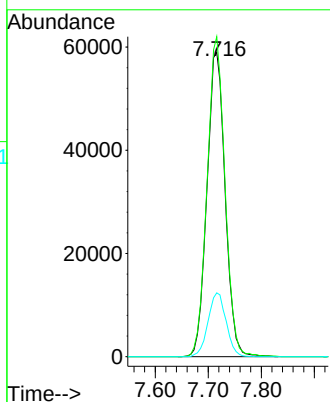
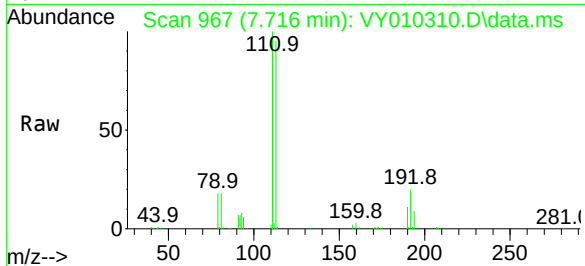




#35
Dibromofluoromethane
Concen: 45.133 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

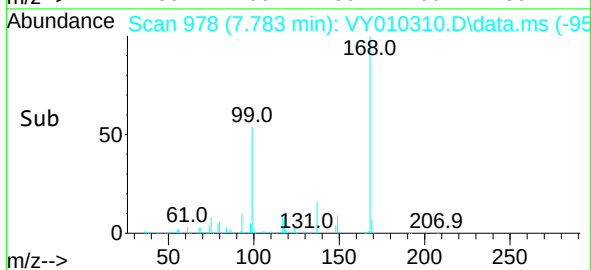
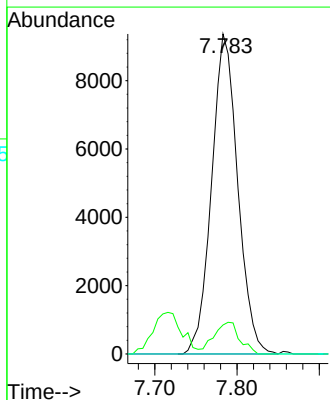
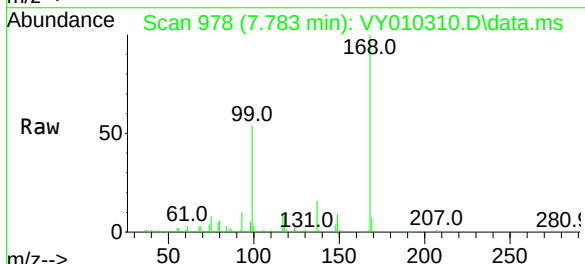
Instrument :
MSVOA_Y
ClientSampleId :

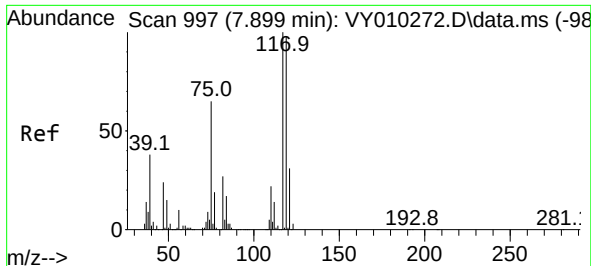
Tgt Ion:113 Resp: 140686
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.523 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

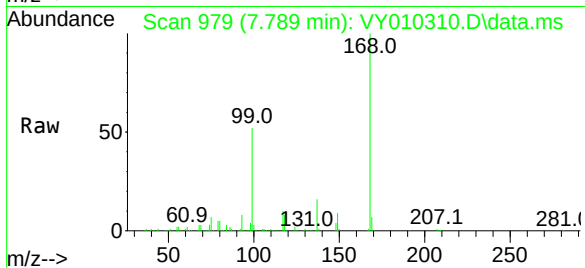
Tgt Ion: 75 Resp: 20687
Ion Ratio Lower Upper
75 100
110 9.8 17.1 51.2#
77 0.0 24.4 36.6#



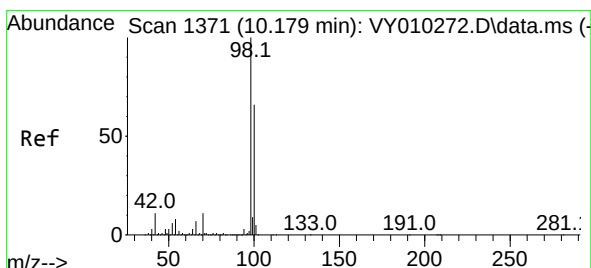
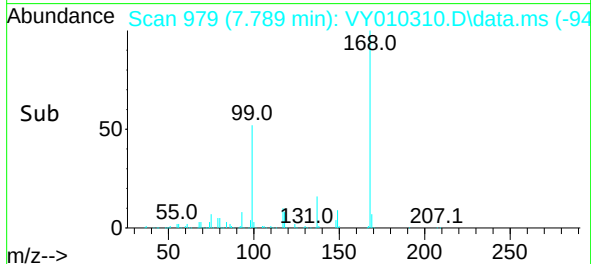
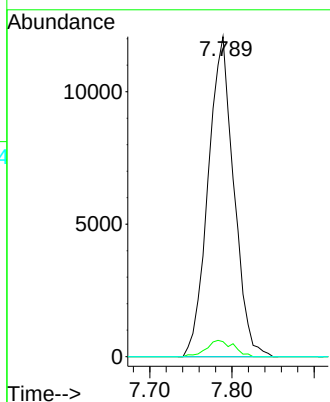


#38
Carbon Tetrachloride
Concen: 5.566 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Instrument :
MSVOA_Y
ClientSampleId :

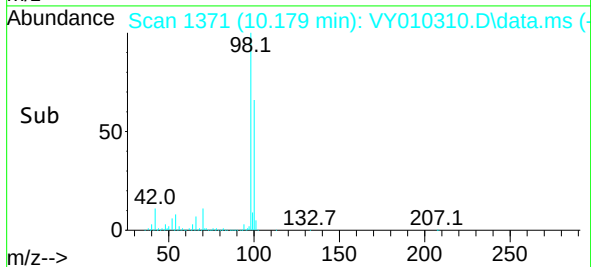
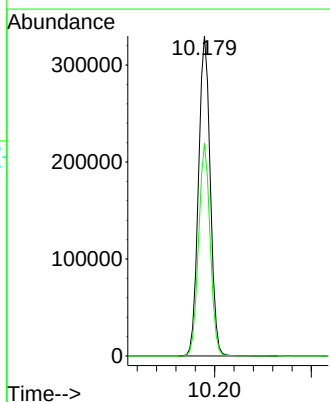
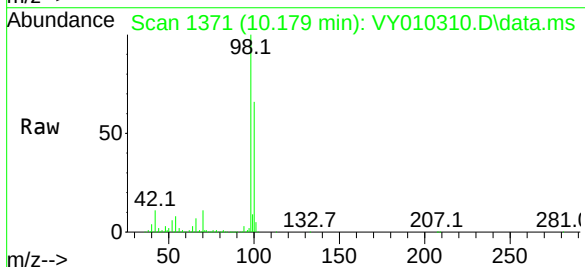


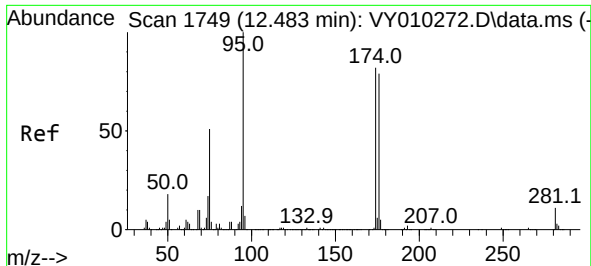
Tgt Ion:117 Resp: 26235
Ion Ratio Lower Upper
117 100
119 4.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.299 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Tgt Ion: 98 Resp: 556248
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

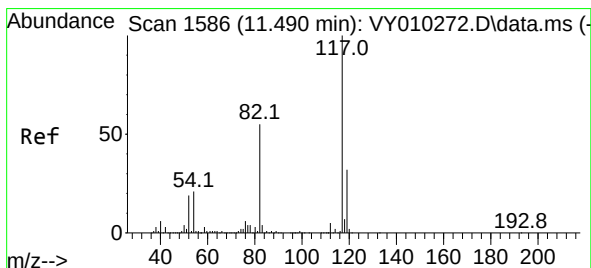
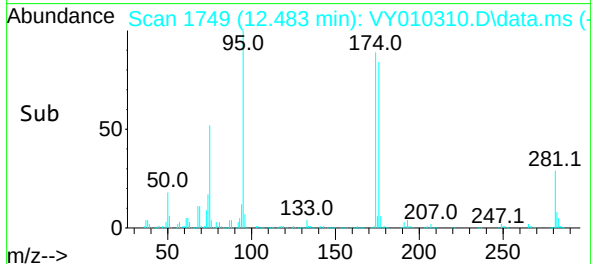
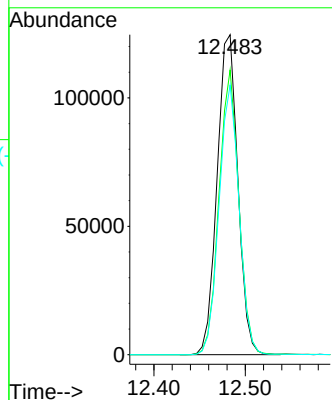
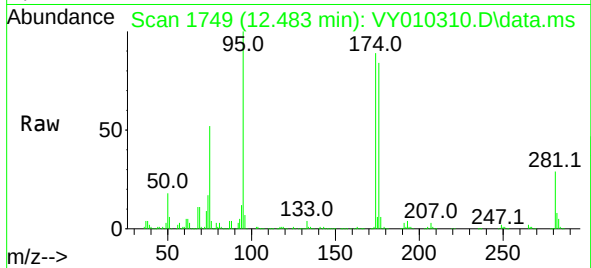




#62
4-Bromofluorobenzene
Concen: 46.603 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

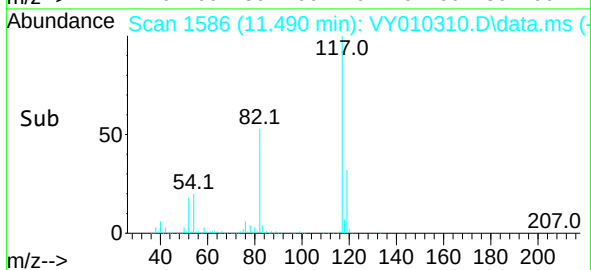
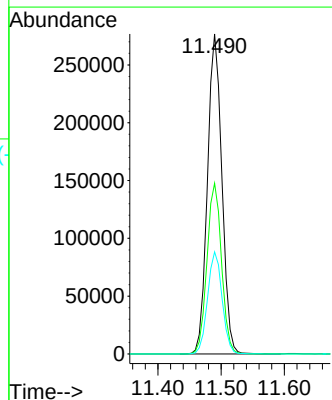
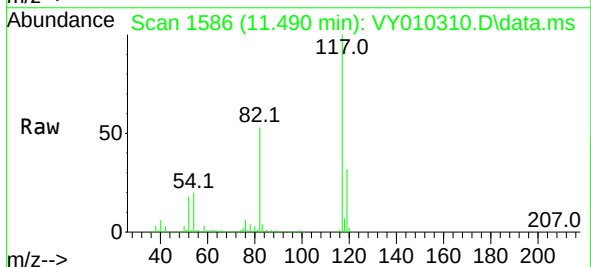
Instrument :
MSVOA_Y
ClientSampleId :

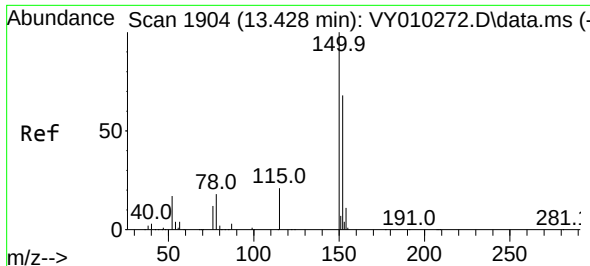
Tgt Ion: 95 Resp: 196572
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 81.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010310.D
Acq: 03 Sep 2022 04:56

Tgt Ion: 117 Resp: 439681
Ion Ratio Lower Upper
117 100
82 53.3 43.0 64.4
119 31.9 25.4 38.0

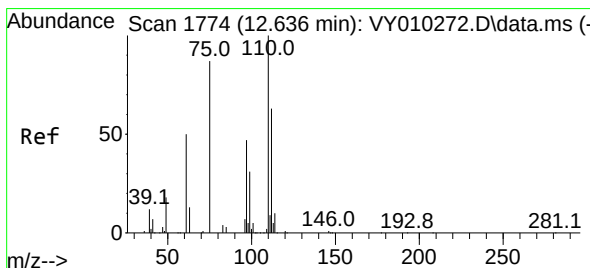
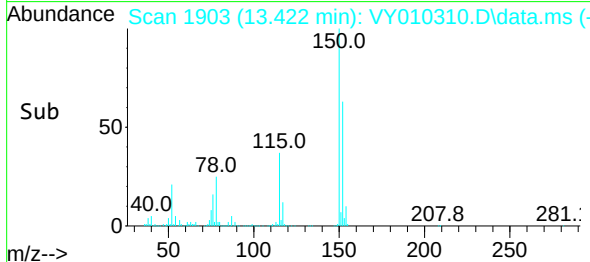
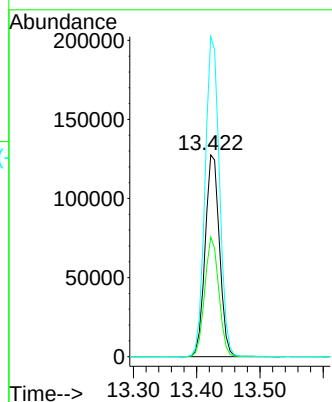
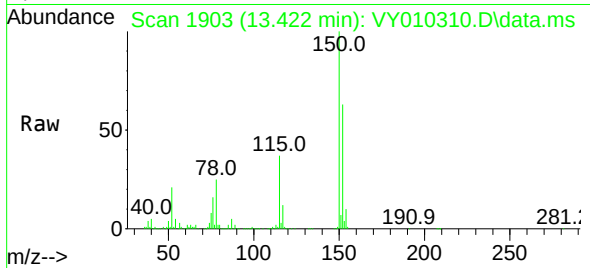




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY010310.D
 Acq: 03 Sep 2022 04:56

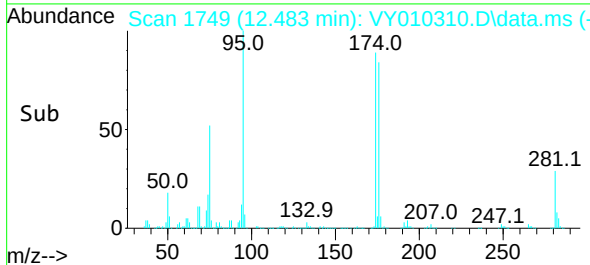
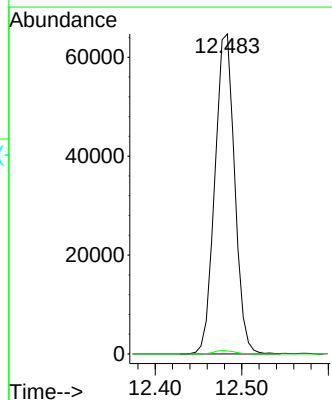
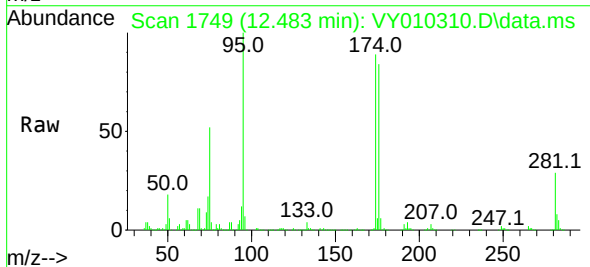
Instrument :
 MSVOA_Y
 ClientSampleId :

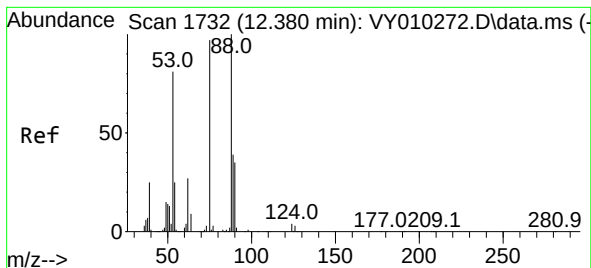
Tgt Ion:152 Resp: 201055
 Ion Ratio Lower Upper
 152 100
 115 58.2 28.2 84.7
 150 159.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.964 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY010310.D
 Acq: 03 Sep 2022 04:56

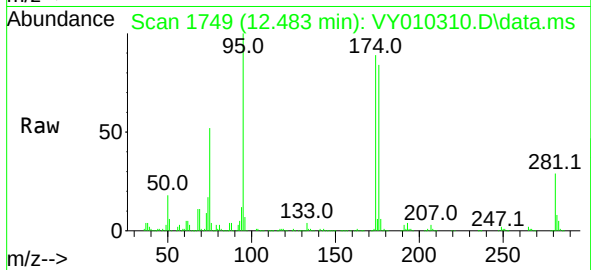
Tgt Ion: 75 Resp: 102797
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.628 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY010310.D
 Acq: 03 Sep 2022 04:56

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 102797
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.5 37.0 55.4#

