

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100422\
 Data File : VY010787.D
 Acq On : 04 Oct 2022 12:09
 Operator : KP/MD
 Sample : N4936-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 05 07:26:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

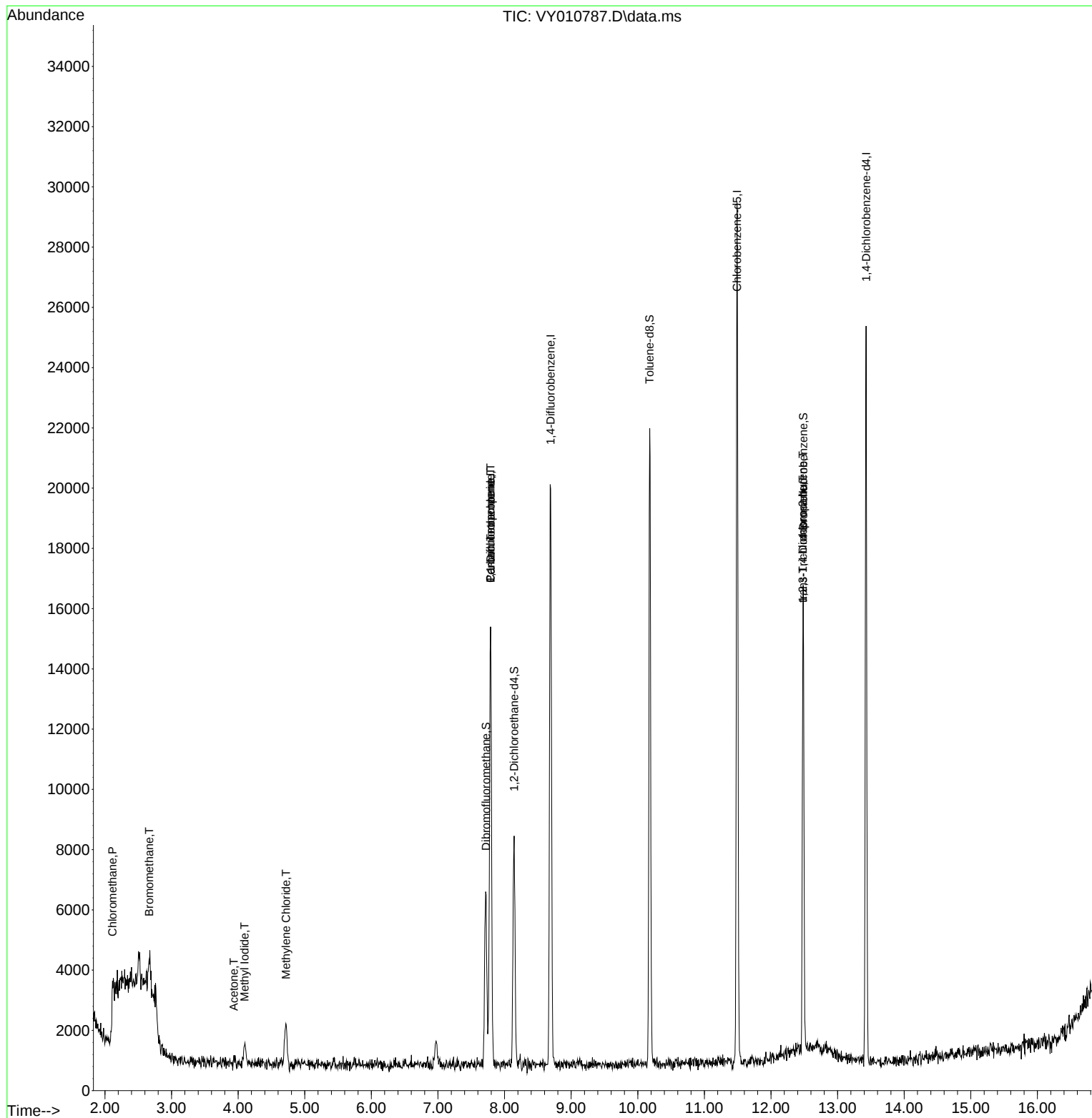
Internal Standards						
1) Pentafluorobenzene	7.789	168	11703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	17689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	16196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	6459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5971	50.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.680%	
35) Dibromofluoromethane	7.722	113	4354	37.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.160%	
50) Toluene-d8	10.179	98	15415	38.387	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 76.780%	
62) 4-Bromofluorobenzene	12.483	95	4957	30.134	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 60.260%	
Target Compounds						Qvalue
3) Chloromethane	2.113	50	430	3.189	ug/l	99
5) Bromomethane	2.662	94	529	4.591	ug/l #	44
10) Methyl Iodide	4.095	142	513	3.385	ug/l #	61
16) Acetone	3.936	43	399	13.244	ug/l #	47
20) Methylene Chloride	4.716	84	1071	3.230	ug/l #	79
36) 1,1-Dichloropropene	7.789	75	836	4.932	ug/l #	42
38) Carbon Tetrachloride	7.789	117	1095	6.202	ug/l #	11
76) 1,2,3-Trichloropropane	12.477	75	2632	40.239	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	2632	84.055	ug/l #	7

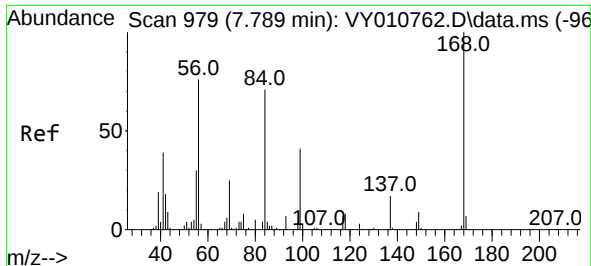
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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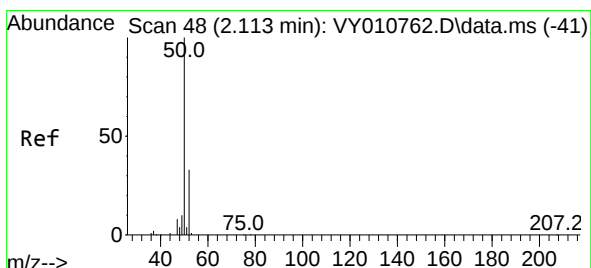
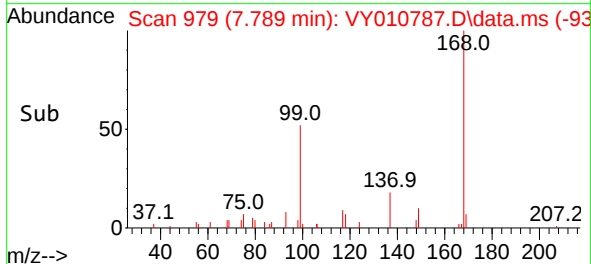
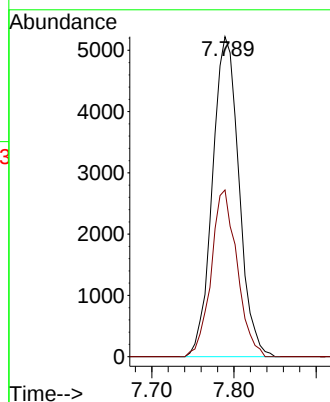
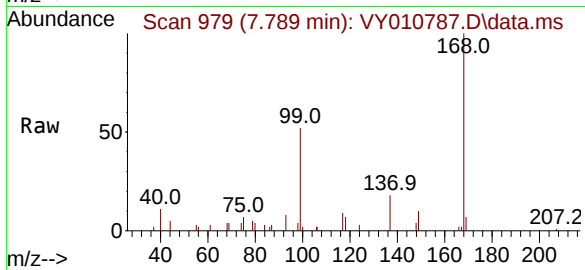




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

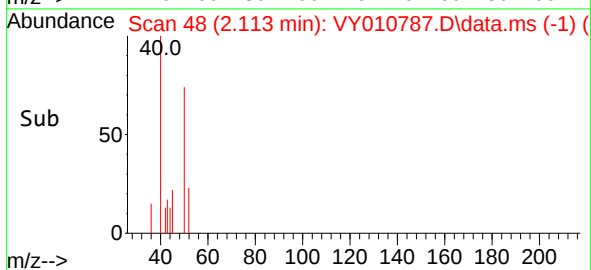
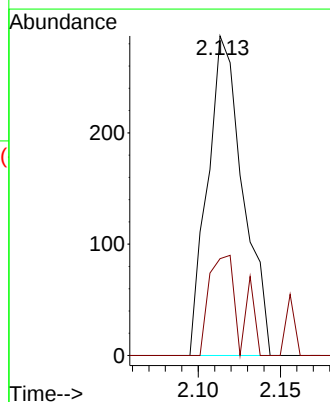
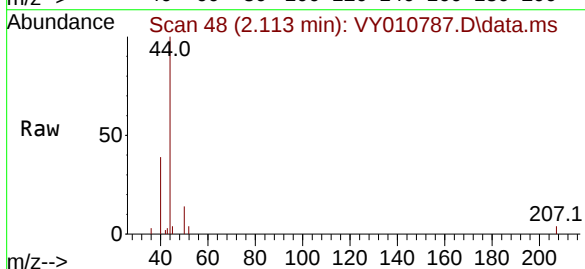
Instrument :
MSVOA_Y
ClientSampleId :

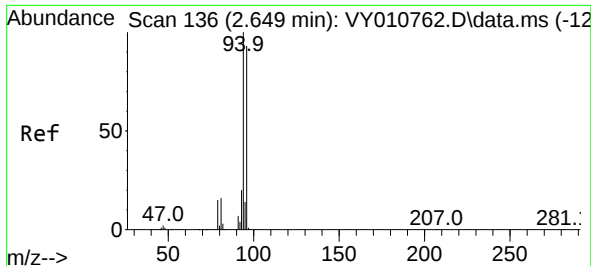
Tgt Ion:168 Resp: 11703
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#3
Chloromethane
Concen: 3.189 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Tgt Ion: 50 Resp: 430
Ion Ratio Lower Upper
50 100
52 30.3 24.6 37.0

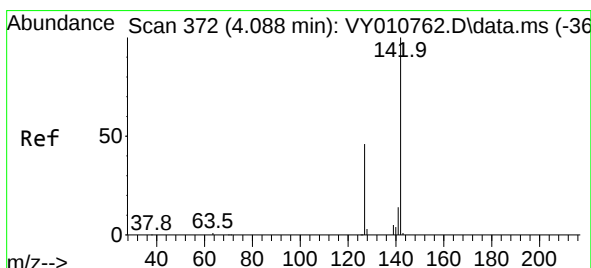
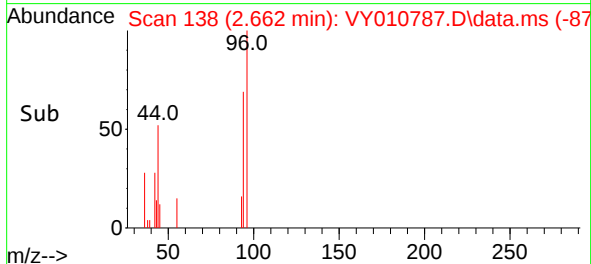
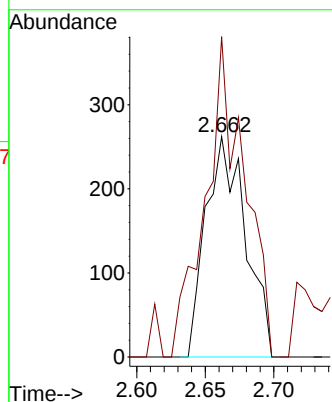
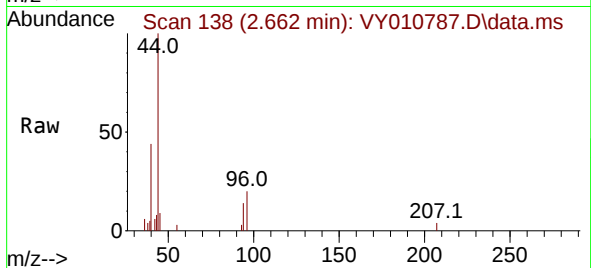




#5
Bromomethane
Concen: 4.591 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

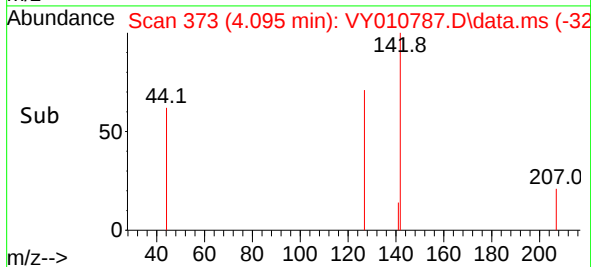
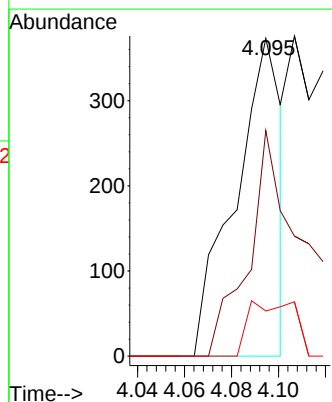
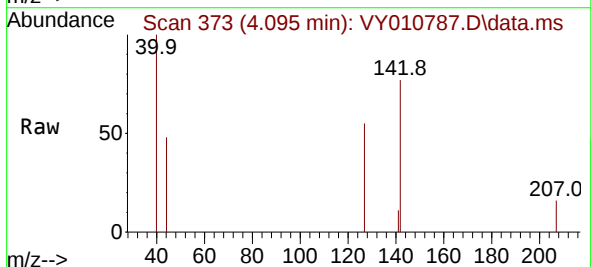
Instrument :
MSVOA_Y
ClientSampleId :

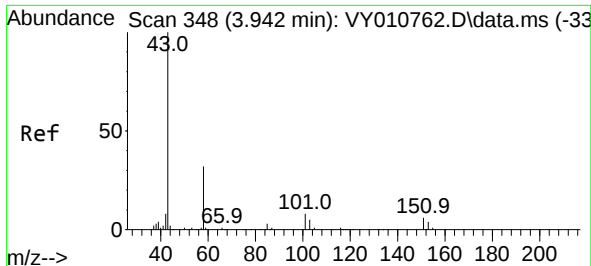
Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 145.4 73.5 110.3#



#10
Methyl Iodide
Concen: 3.385 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Tgt Ion:142 Resp: 513
Ion Ratio Lower Upper
142 100
127 86.0 41.5 62.3#
141 17.2 11.9 17.9





#16

Acetone

Concen: 13.244 ug/l

RT: 3.936 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

Instrument :

MSVOA_Y

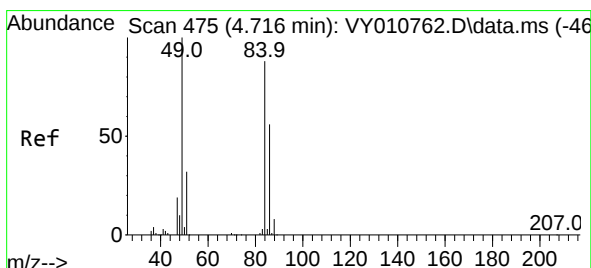
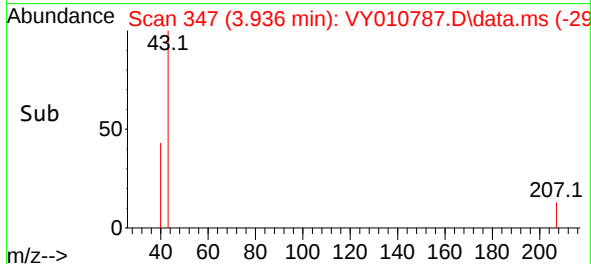
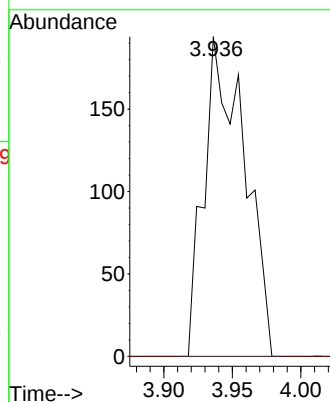
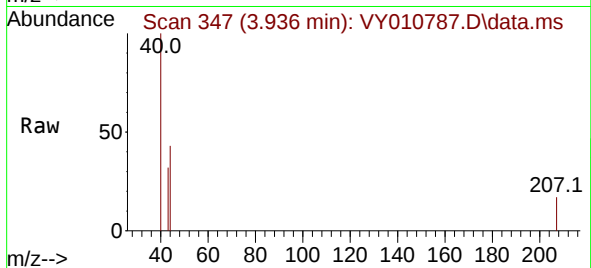
ClientSampleId :

Tgt Ion: 43 Resp: 399

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: 3.230 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

Tgt Ion: 84 Resp: 1071

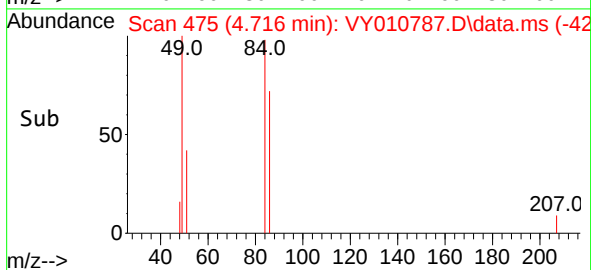
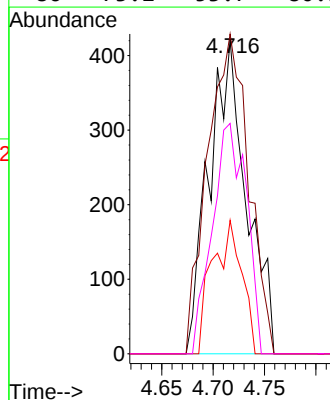
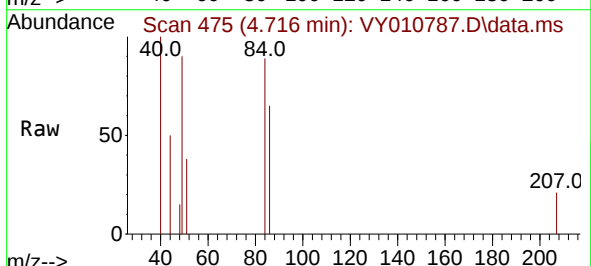
Ion Ratio Lower Upper

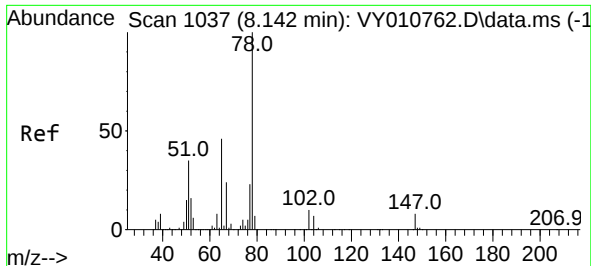
84 100

49 101.7 114.4 171.6#

51 42.4 35.3 52.9

86 73.2 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.335 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

Instrument :

MSVOA_Y

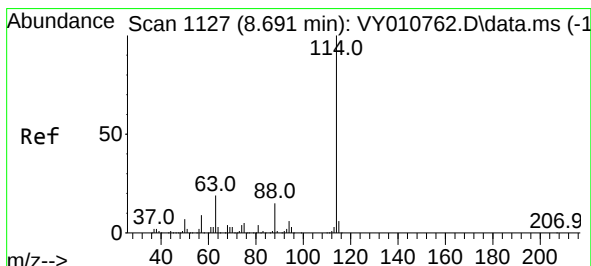
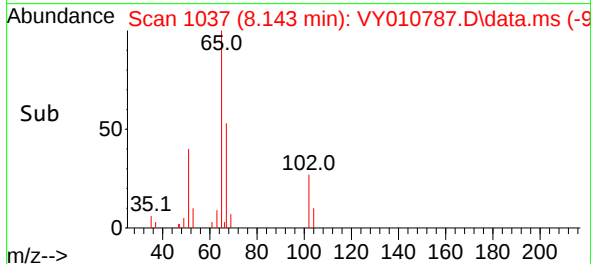
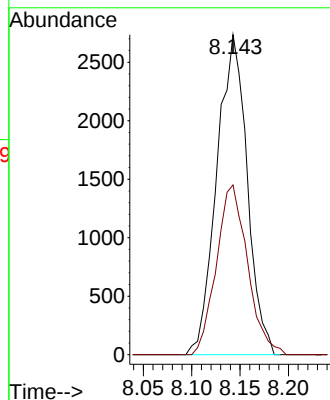
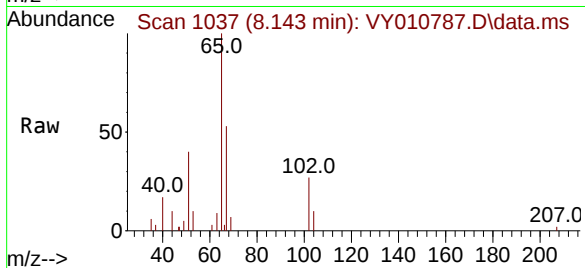
ClientSampleId :

Tgt Ion: 65 Resp: 5971

Ion Ratio Lower Upper

65 100

67 54.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

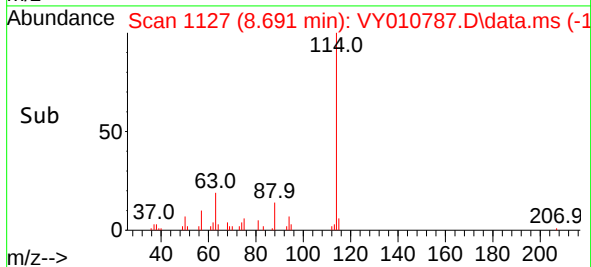
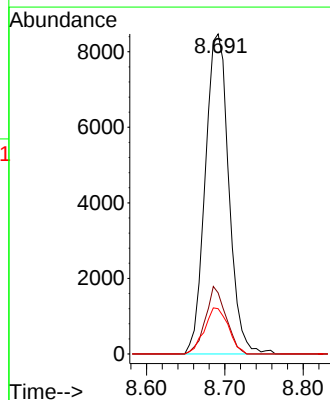
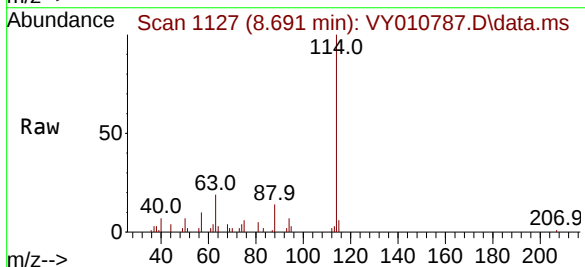
Tgt Ion: 114 Resp: 17689

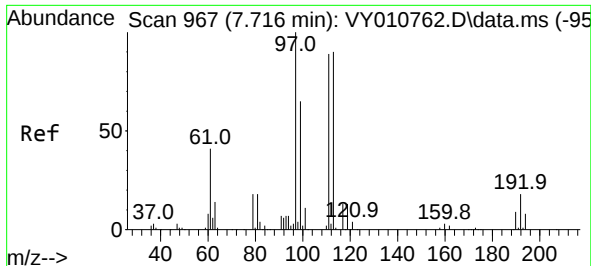
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

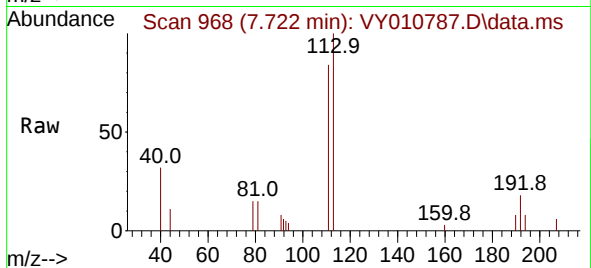
88 14.2 0.0 31.8



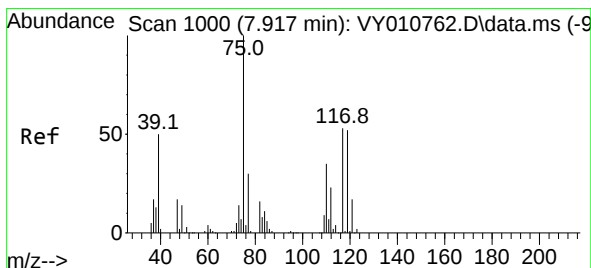
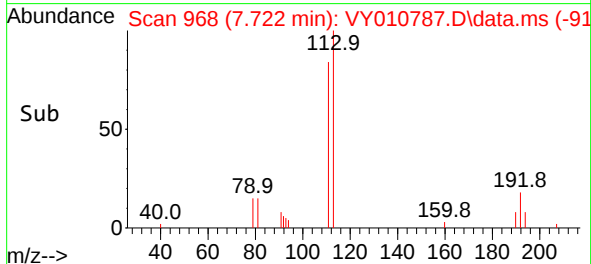
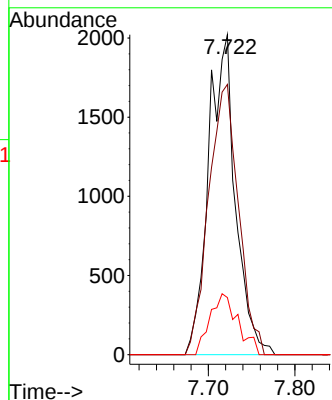


#35
Dibromofluoromethane
Concen: 37.080 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :

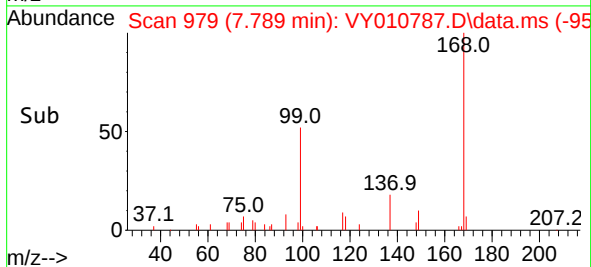
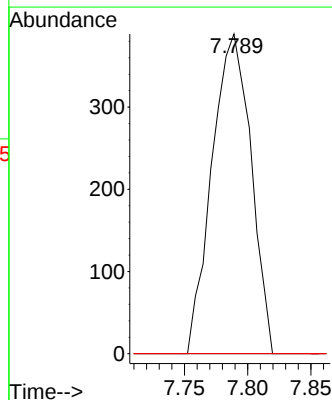
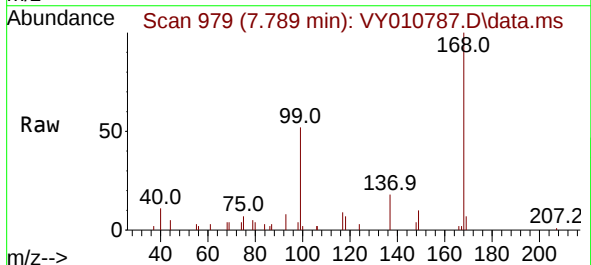


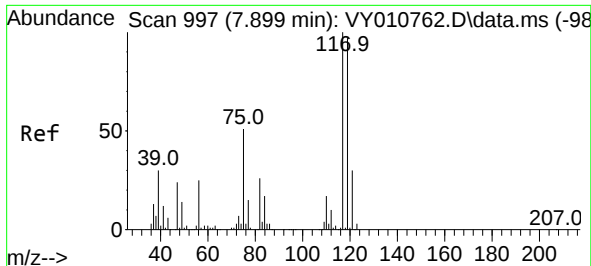
Tgt Ion:113 Resp: 4354
Ion Ratio Lower Upper
113 100
111 93.8 82.6 124.0
192 19.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.932 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

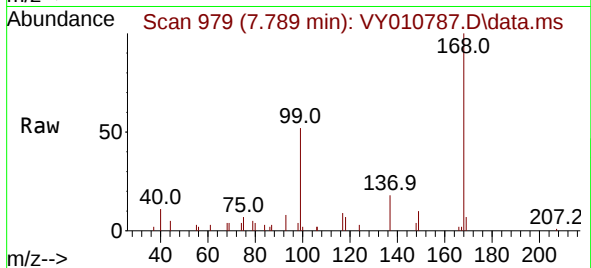
Tgt Ion: 75 Resp: 836
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#



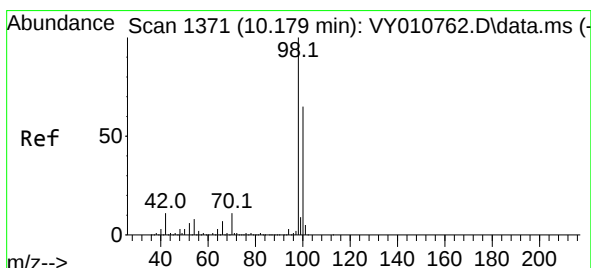
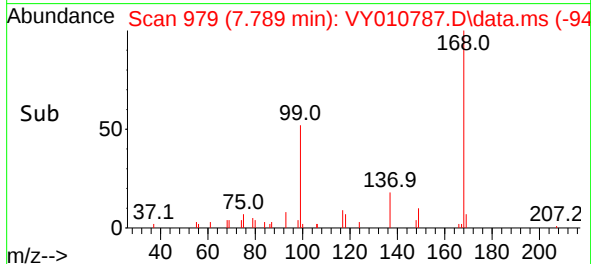
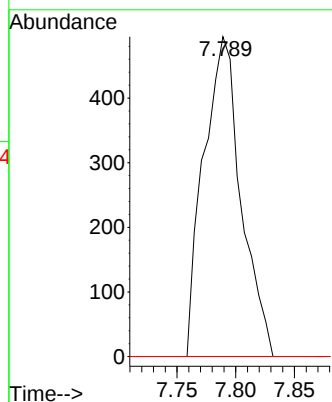


#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Instrument :
MSVOA_Y
ClientSampleId :

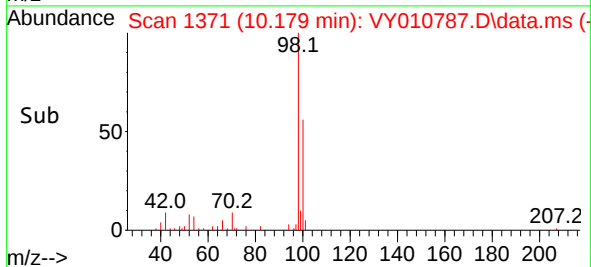
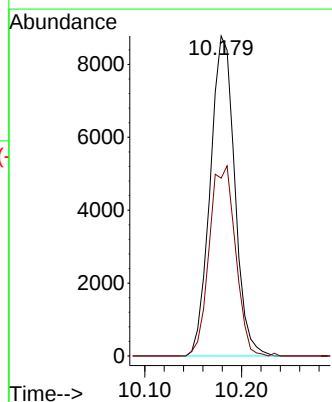
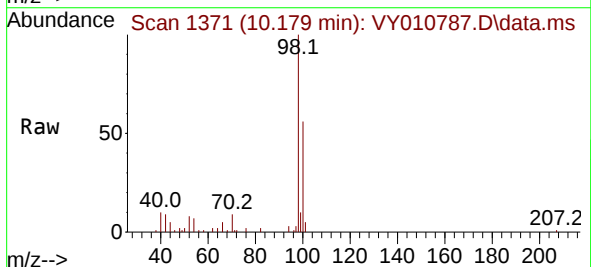


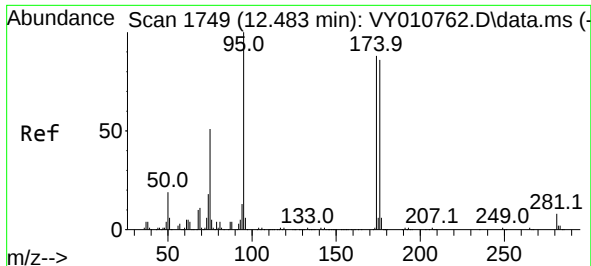
Tgt Ion:117 Resp: 1095
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.387 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010787.D
Acq: 04 Oct 2022 12:09

Tgt Ion: 98 Resp: 15415
Ion Ratio Lower Upper
98 100
100 63.4 50.2 75.2





#62

4-Bromofluorobenzene

Concen: 30.134 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

Instrument :

MSVOA_Y

ClientSampleId :

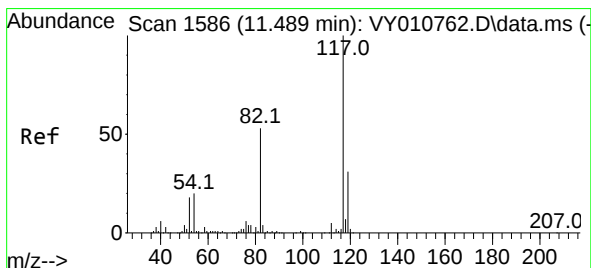
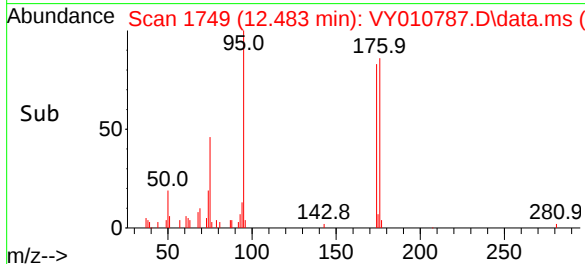
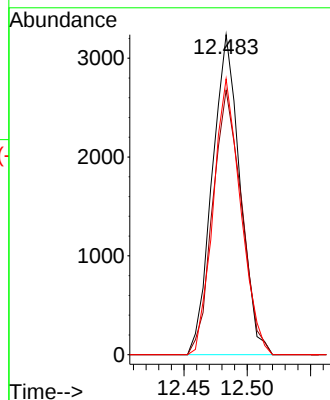
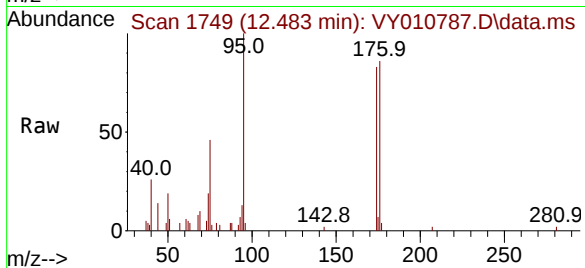
Tgt Ion: 95 Resp: 4957

Ion Ratio Lower Upper

95 100

174 85.6 0.0 177.0

176 85.0 0.0 175.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1586

Delta R.T. 0.001 min

Lab File: VY010787.D

Acq: 04 Oct 2022 12:09

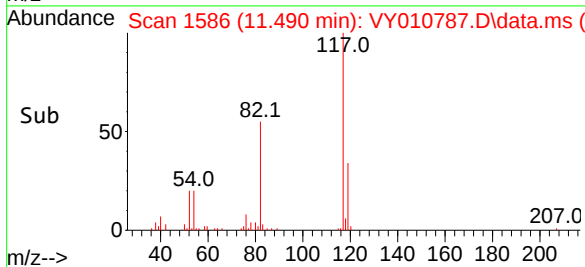
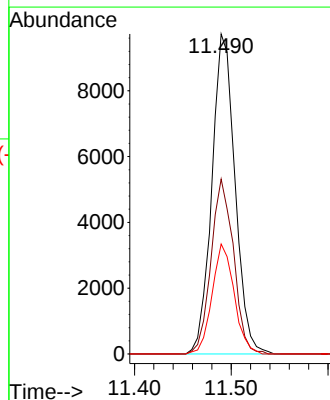
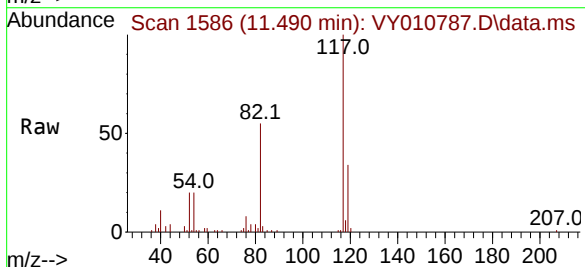
Tgt Ion: 117 Resp: 16196

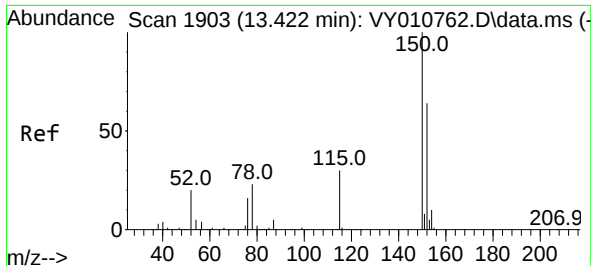
Ion Ratio Lower Upper

117 100

82 54.7 43.0 64.4

119 34.3 25.4 38.0

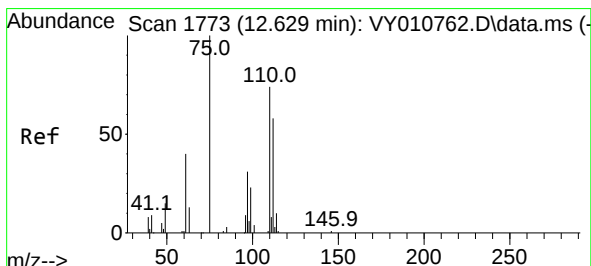
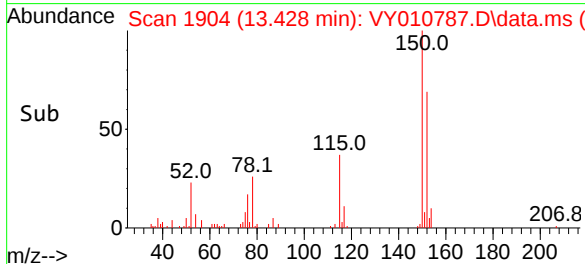
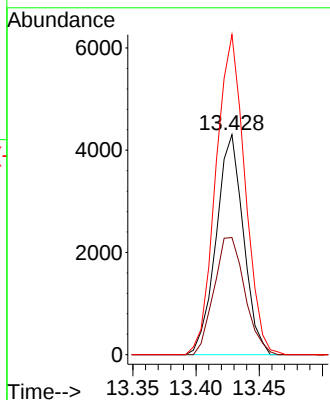
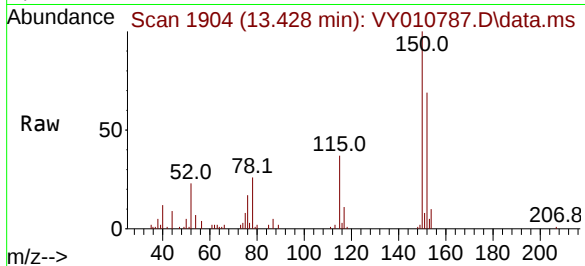




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY010787.D
 Acq: 04 Oct 2022 12:09

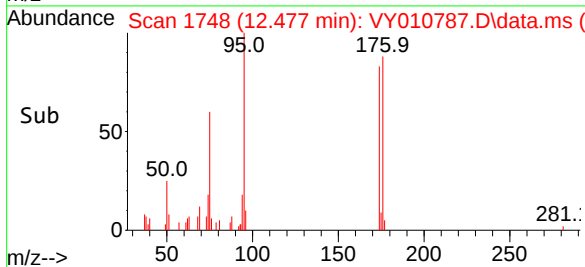
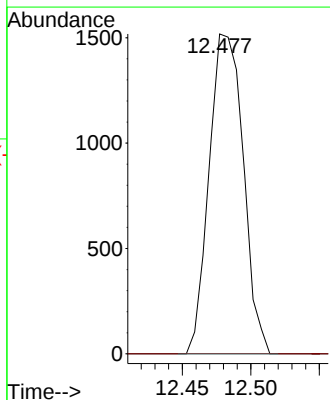
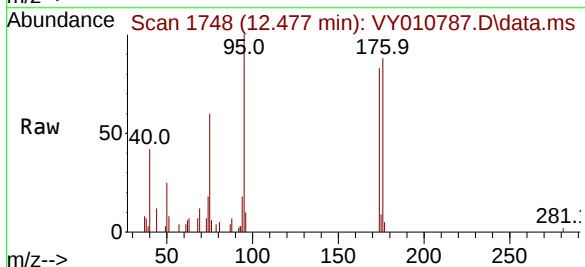
Instrument :
 MSVOA_Y
 ClientSampleId :

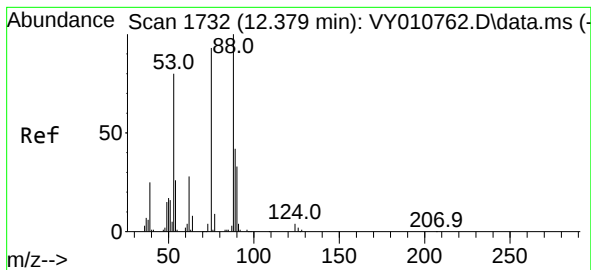
Tgt Ion:152 Resp: 6459
 Ion Ratio Lower Upper
 152 100
 115 60.1 28.2 84.7
 150 154.5 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 40.239 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY010787.D
 Acq: 04 Oct 2022 12:09

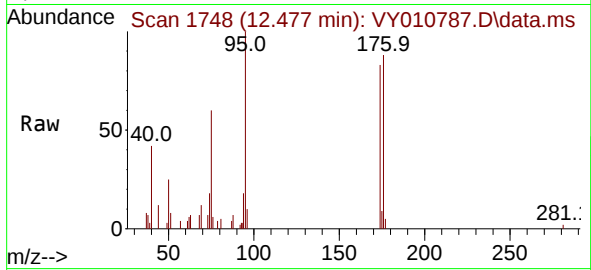
Tgt Ion: 75 Resp: 2632
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.055 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY010787.D
 Acq: 04 Oct 2022 12:09

Instrument :
 MSVOA_Y
 ClientSampleId :



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

