

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
 Data File : VY007202.D
 Acq On : 18 Jan 2022 10:25
 Operator : SY/MD
 Sample : VY0118SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 00:31:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

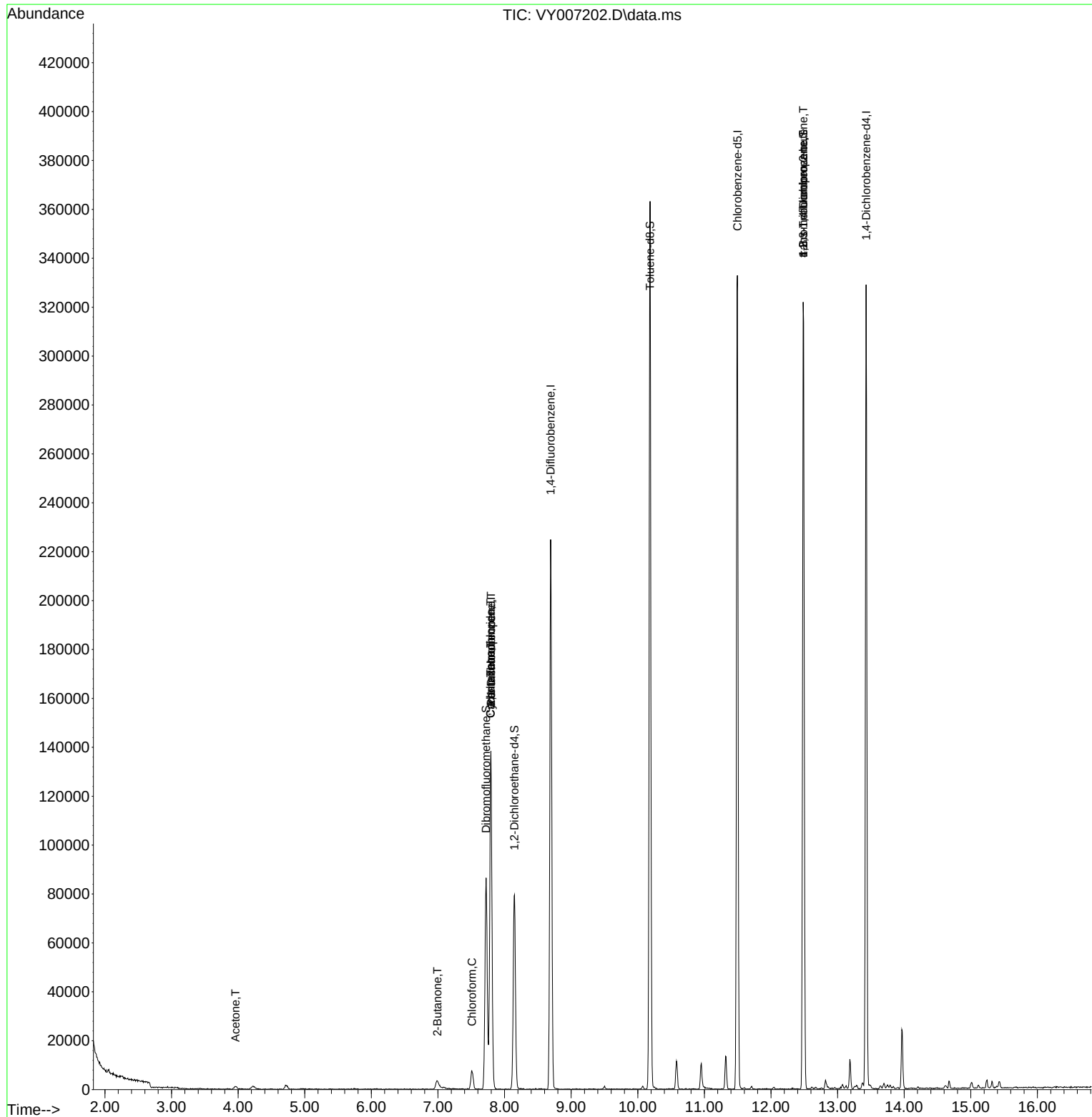
Internal Standards						
1) Pentafluorobenzene	7.795	168	101780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	178588	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	66607	53.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.660%
35) Dibromofluoromethane	7.722	113	62675	48.984	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.960%
50) Toluene-d8	10.185	98	233389	49.920	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.840%
62) 4-Bromofluorobenzene	12.483	95	84423	50.764	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	101.520%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	349	Below Cal	#	73
16) Acetone	3.960	43	2309	7.124	ug/l #	84
25) 2-Butanone	6.990	43	488	1.165	ug/l	99
30) Chloroform	7.509	83	7770	3.286	ug/l	94
31) Cyclohexane	7.789	56	2510	1.189	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	9221	4.512	ug/l #	49
38) Carbon Tetrachloride	7.789	117	11316	5.265	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	47430	54.179	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	47430	99.187	ug/l #	3

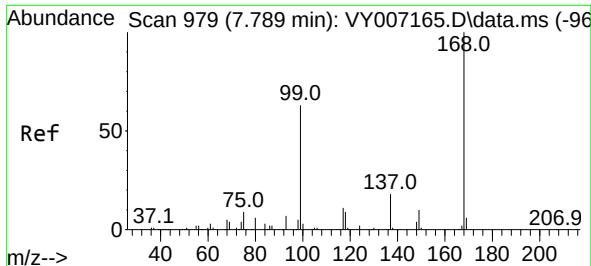
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011822\
Data File : VY007202.D
Acq On : 18 Jan 2022 10:25
Operator : SY/MD
Sample : VY0118SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Jan 19 00:31:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

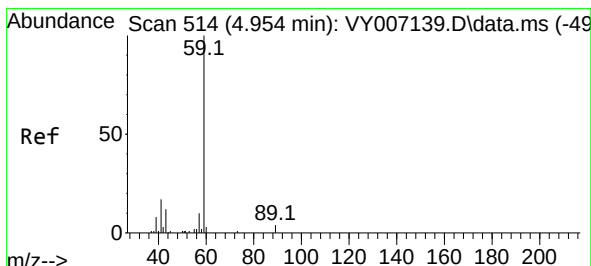
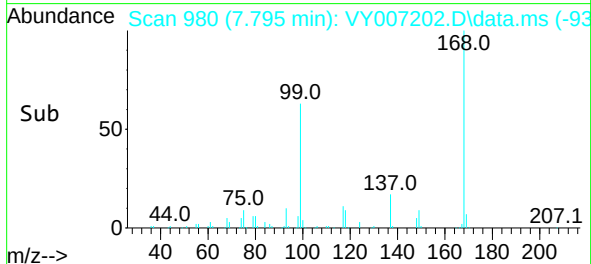
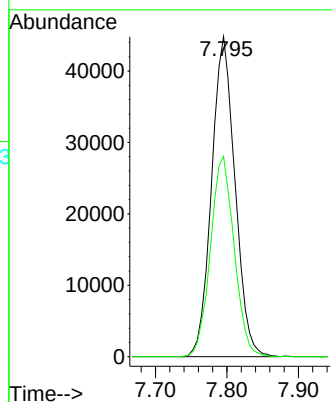
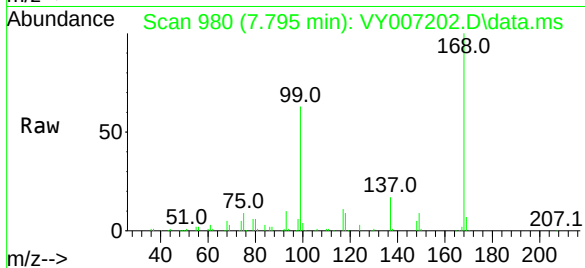




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

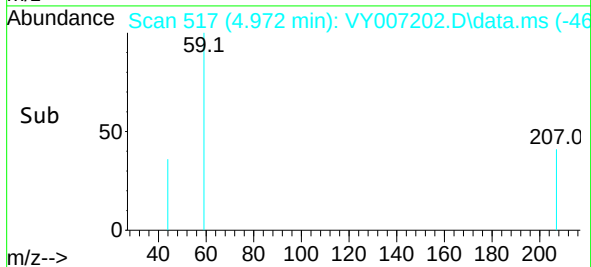
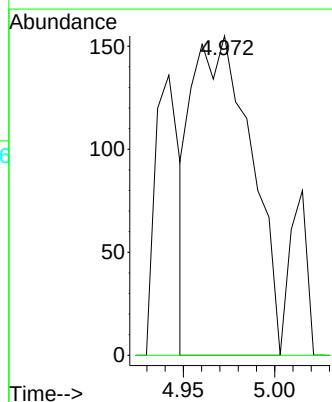
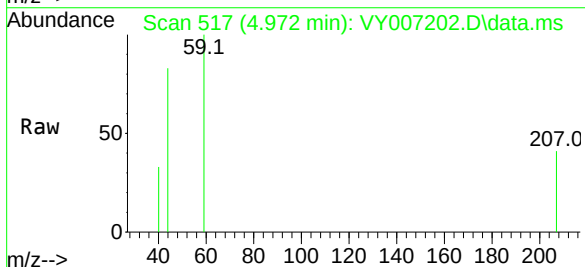
Instrument :
MSVOA_Y
ClientSampleId :

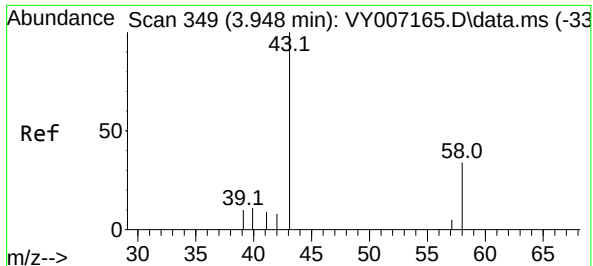
Tgt Ion:168 Resp: 101780
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion: 59 Resp: 349
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 7.124 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.013 min

Lab File: VY007202.D

Acq: 18 Jan 2022 10:25

Instrument :

MSVOA_Y

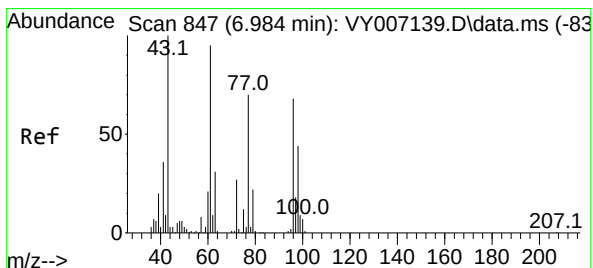
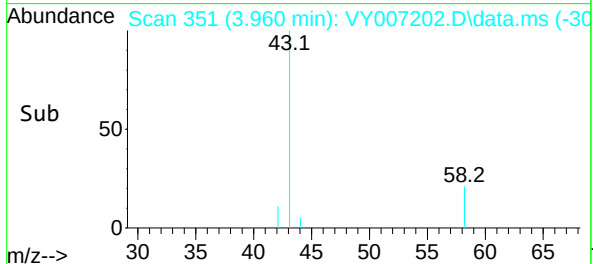
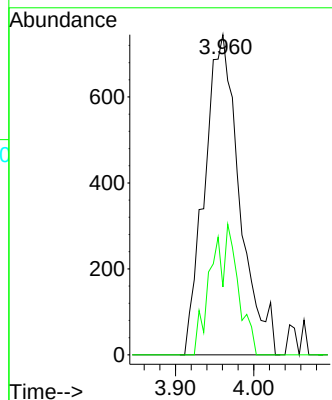
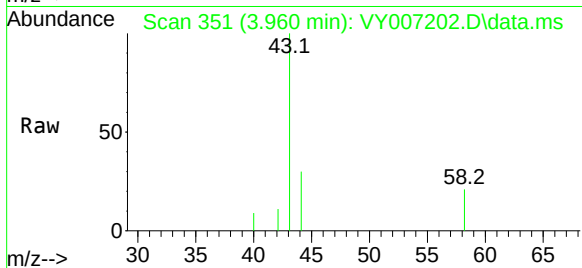
ClientSampleId :

Tgt Ion: 43 Resp: 2309

Ion Ratio Lower Upper

43 100

58 21.2 23.8 35.6#



#25

2-Butanone

Concen: 1.165 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.007 min

Lab File: VY007202.D

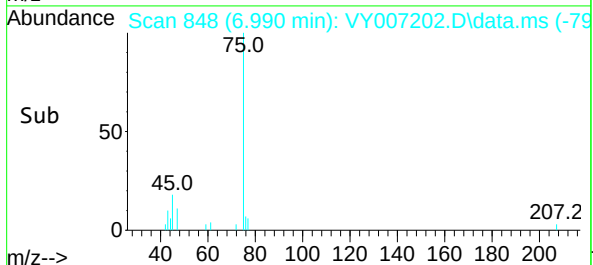
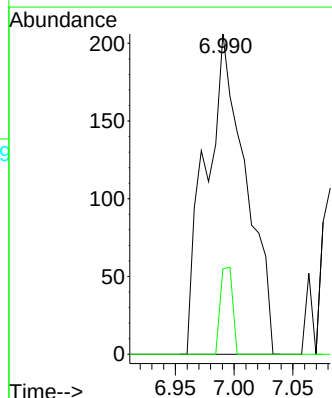
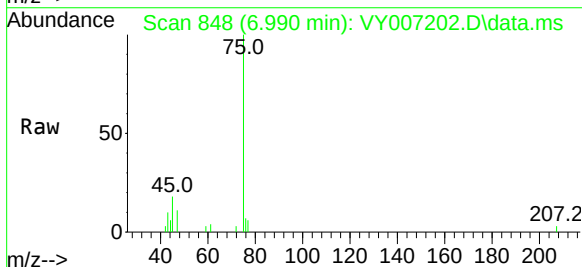
Acq: 18 Jan 2022 10:25

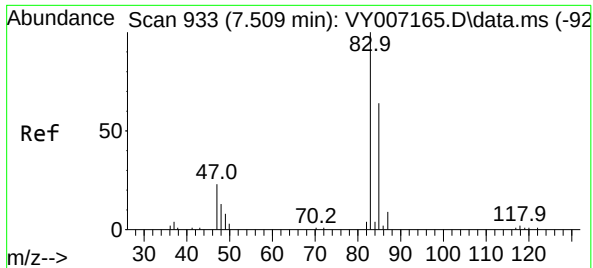
Tgt Ion: 43 Resp: 488

Ion Ratio Lower Upper

43 100

72 26.7 21.9 32.9

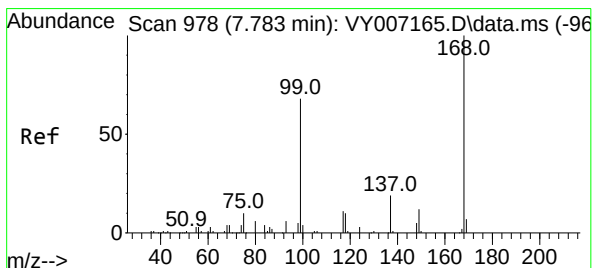
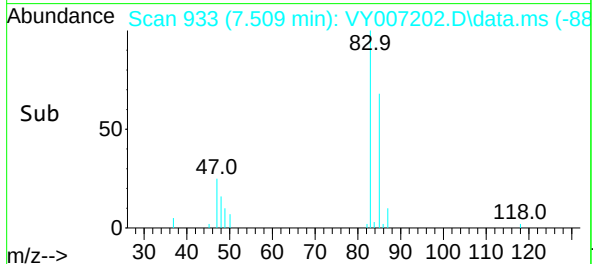
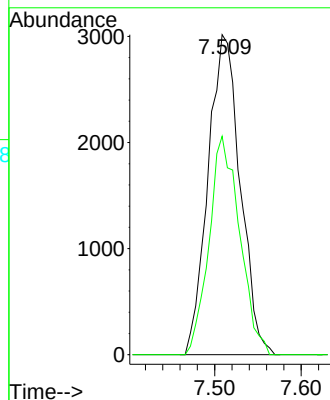
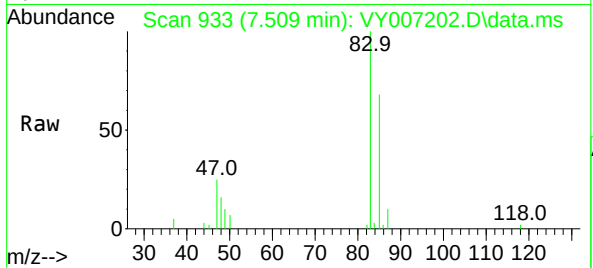




#30
Chloroform
Concen: 3.286 ug/l
RT: 7.509 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

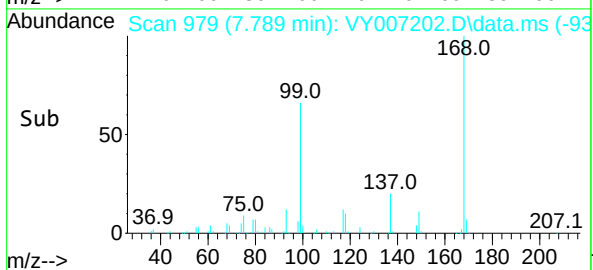
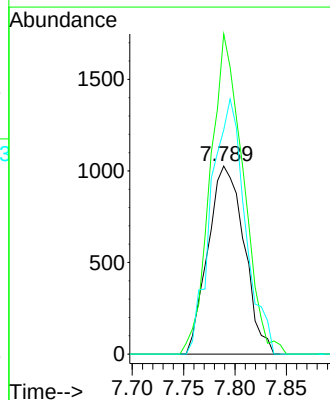
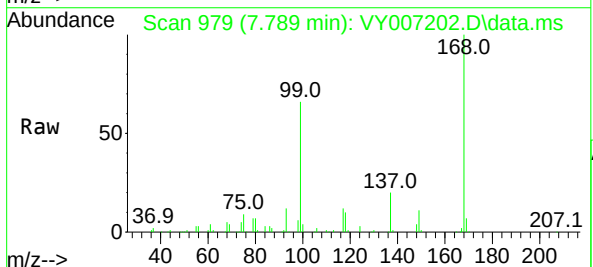
Instrument :
MSVOA_Y
ClientSampleId :

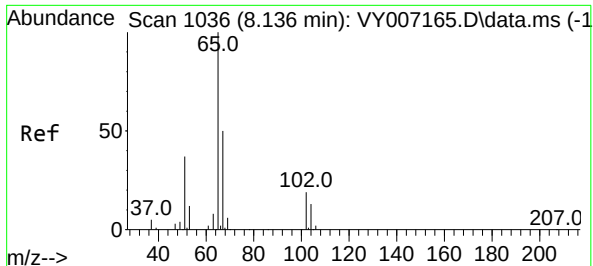
Tgt Ion: 83 Resp: 7770
Ion Ratio Lower Upper
83 100
85 68.2 50.9 76.3



#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion: 56 Resp: 2510
Ion Ratio Lower Upper
56 100
69 170.4 27.2 40.8#
84 119.3 72.1 108.1#





#33

1,2-Dichloroethane-d4

Concen: 53.335 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.007 min

Lab File: VY007202.D

Acq: 18 Jan 2022 10:25

Instrument :

MSVOA_Y

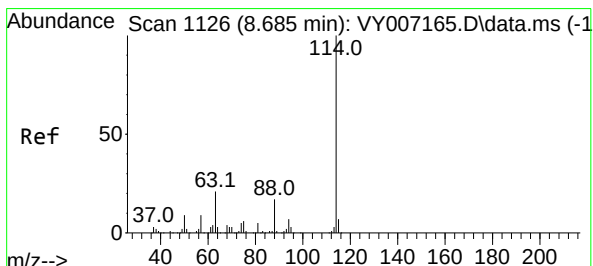
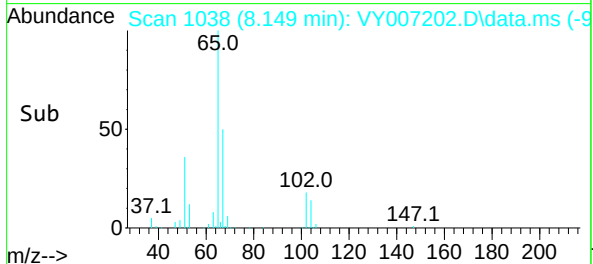
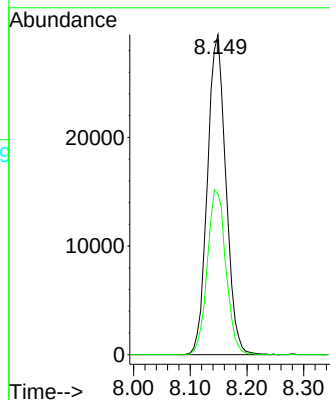
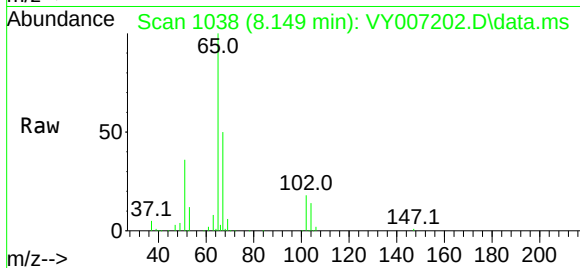
ClientSampleId :

Tgt Ion: 65 Resp: 66607

Ion Ratio Lower Upper

65 100

67 51.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VY007202.D

Acq: 18 Jan 2022 10:25

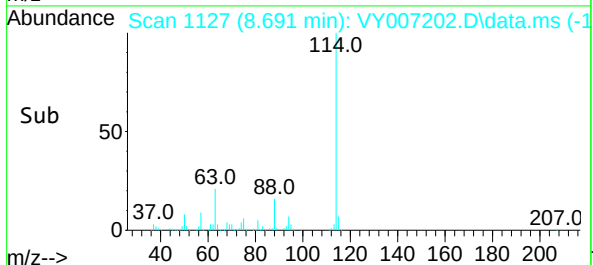
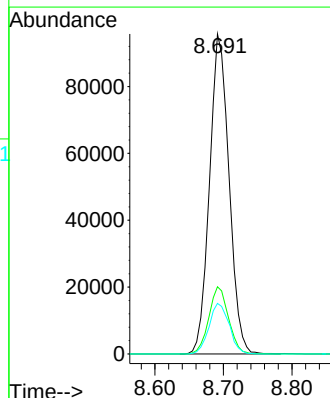
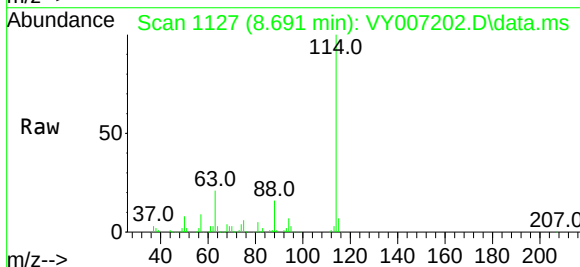
Tgt Ion: 114 Resp: 189224

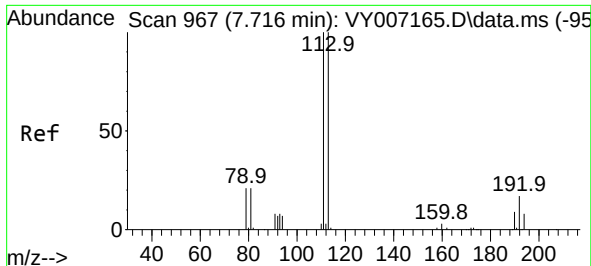
Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 15.8 0.0 31.0

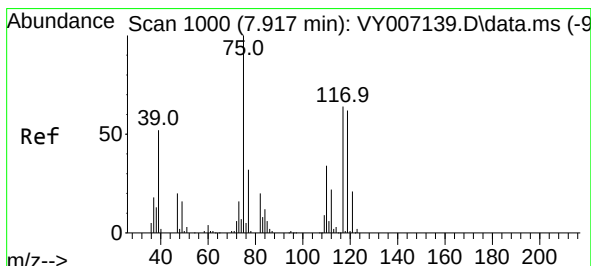
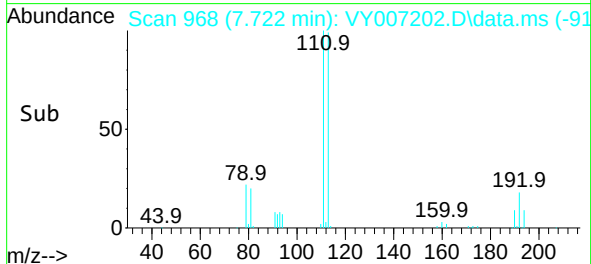
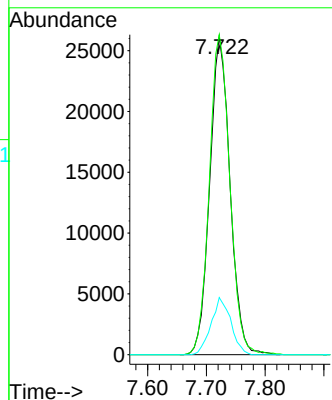
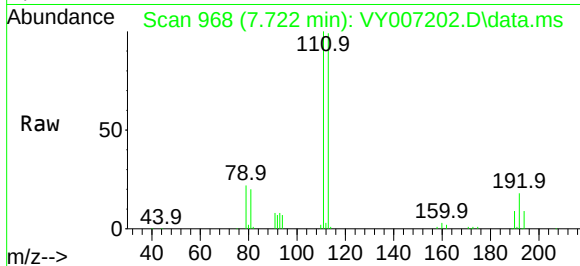




#35
Dibromofluoromethane
Concen: 48.984 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

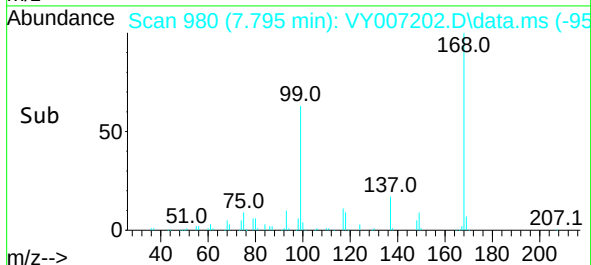
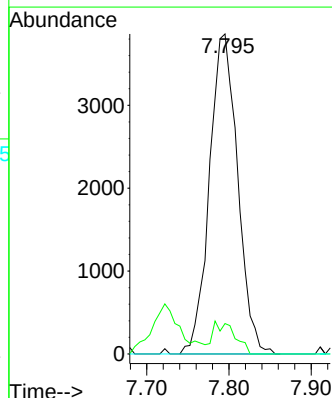
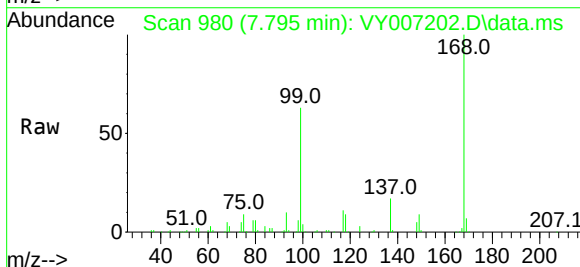
Instrument :
MSVOA_Y
ClientSampleId :

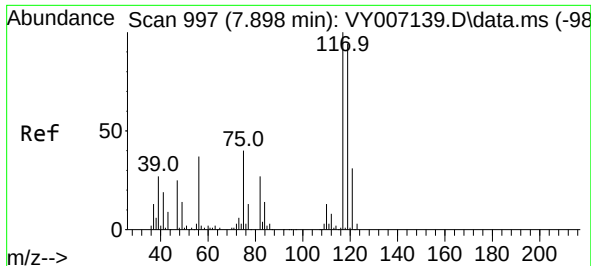
Tgt Ion:113 Resp: 62675
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 17.5 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.512 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.121 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

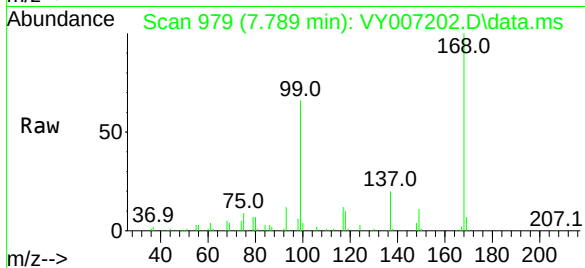
Tgt Ion: 75 Resp: 9221
Ion Ratio Lower Upper
75 100
110 7.8 17.3 51.9#
77 0.0 24.7 37.1#



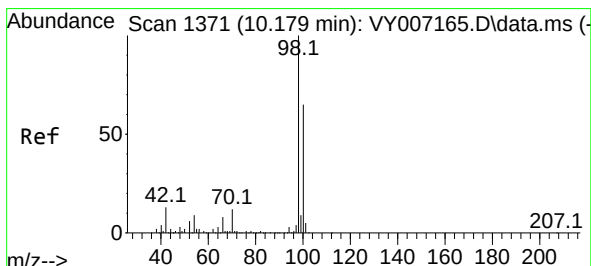
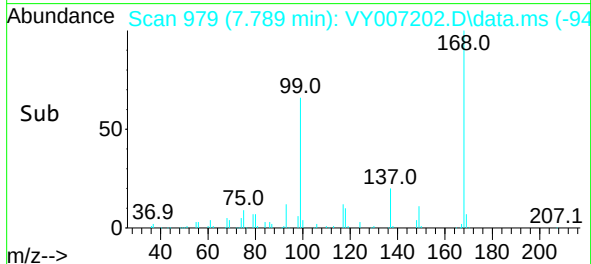
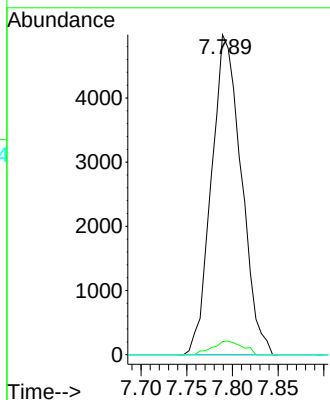


#38
Carbon Tetrachloride
Concen: 5.265 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :

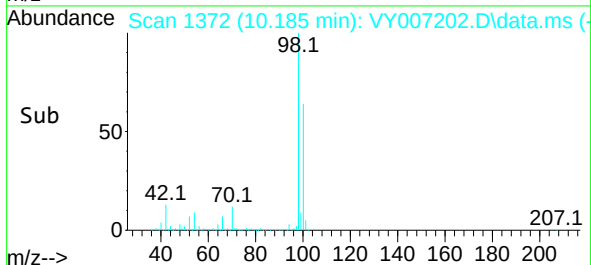
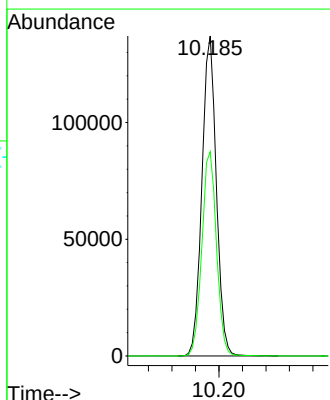
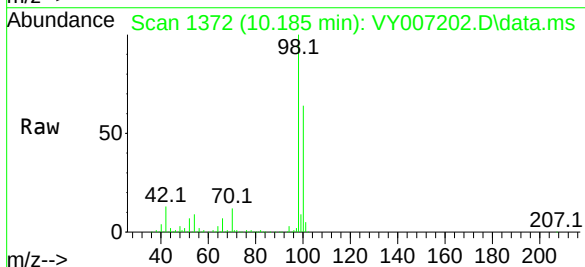


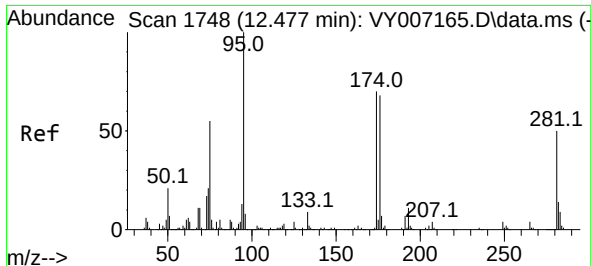
Tgt Ion:117 Resp: 11316
Ion Ratio Lower Upper
117 100
119 4.1 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.920 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

Tgt Ion: 98 Resp: 233389
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.2

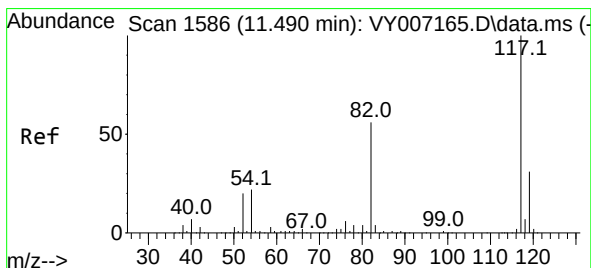
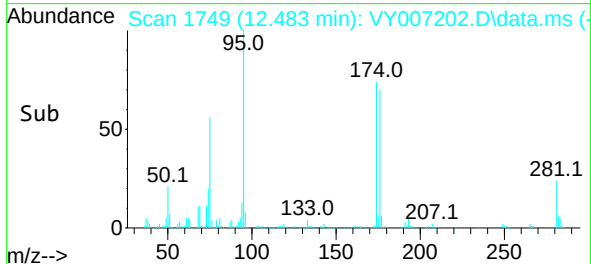
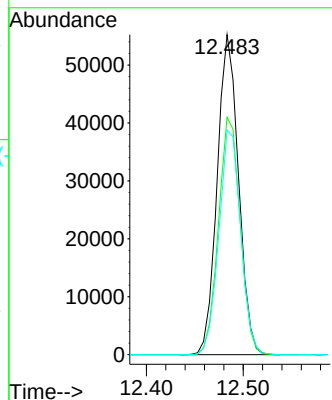
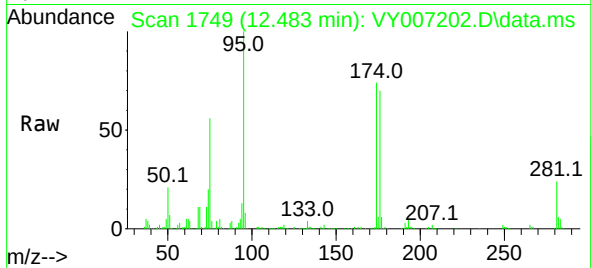




#62
4-Bromofluorobenzene
Concen: 50.764 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

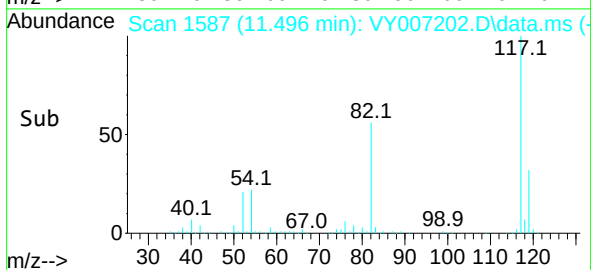
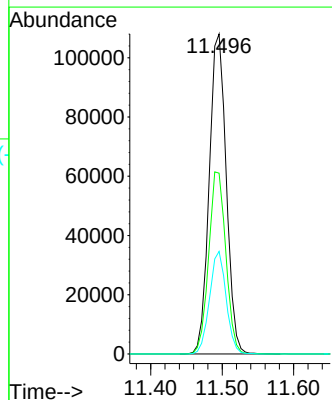
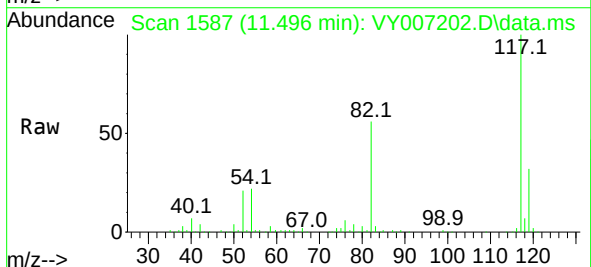
Instrument :
MSVOA_Y
ClientSampleId :

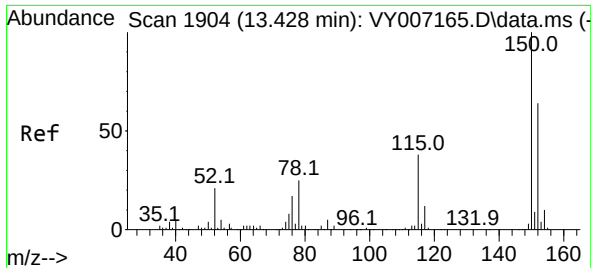
Tgt Ion: 95 Resp: 84423
Ion Ratio Lower Upper
95 100
174 75.5 0.0 148.4
176 72.0 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY007202.D
Acq: 18 Jan 2022 10:25

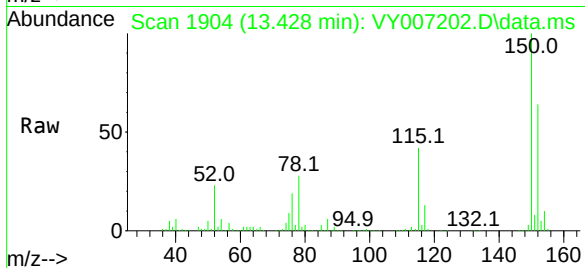
Tgt Ion: 117 Resp: 178588
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.1 26.4 39.6



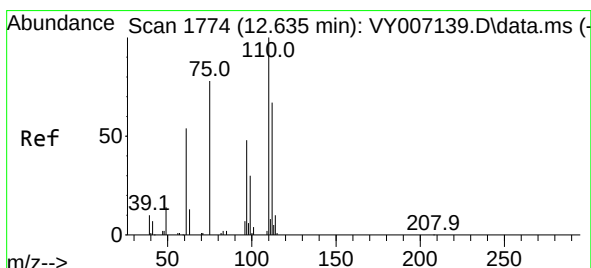
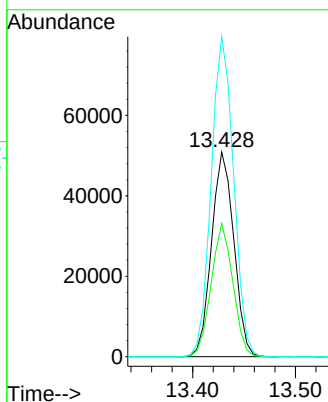
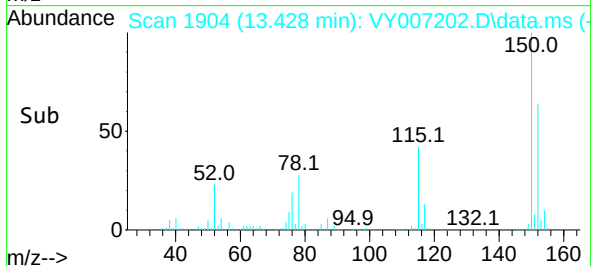


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.001 min
 Lab File: VY007202.D
 Acq: 18 Jan 2022 10:25

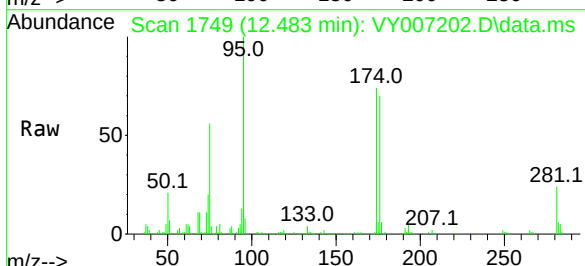
Instrument :
 MSVOA_Y
 ClientSampleId :



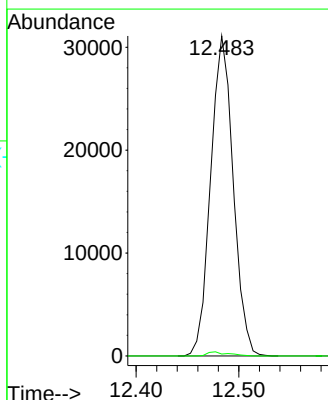
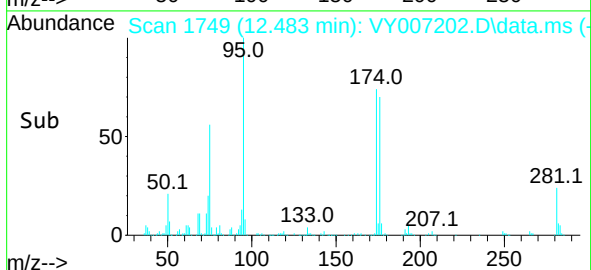
Tgt Ion:152 Resp: 76774
 Ion Ratio Lower Upper
 152 100
 115 63.1 31.4 94.0
 150 157.1 0.0 348.4

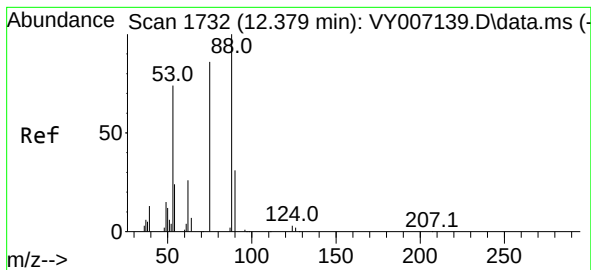


#76
 1,2,3-Trichloropropane
 Concen: 54.179 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007202.D
 Acq: 18 Jan 2022 10:25



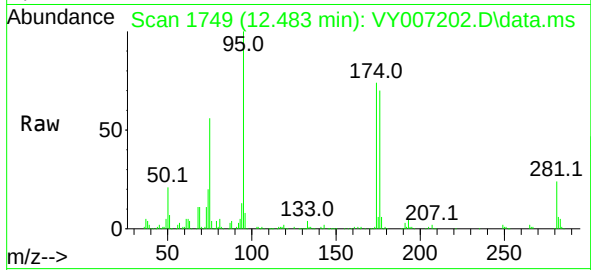
Tgt Ion: 75 Resp: 47430
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.187 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007202.D
 Acq: 18 Jan 2022 10:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 47430
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.7 0.0 0.0#

