

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008646.D
 Acq On : 05 May 2022 05:35
 Operator : KP/MD
 Sample : N2665-09
 Misc : 4.96g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11,15

Quant Time: May 05 06:53:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

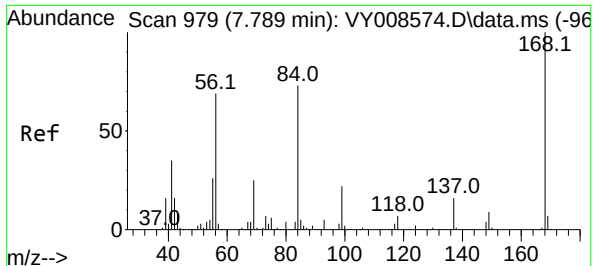
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	54117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	100001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	182180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	47346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	34855	66.267	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.540%	
35) Dibromofluoromethane	7.716	113	33106	50.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.060%	
50) Toluene-d8	10.179	98	207207	88.388	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 176.780%#	
62) 4-Bromofluorobenzene	12.483	95	76874	89.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 178.940%#	
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	136	Below Cal		91
16) Acetone	3.930	43	288	2.541	ug/l #	47
18) Methyl Acetate	4.472	43	255	Below Cal	#	73
20) Methylene Chloride	4.710	84	3225	Below Cal	#	78
30) Chloroform	7.509	83	1218	1.099	ug/l	87
31) Cyclohexane	7.789	56	1319	1.453	ug/l #	49
36) 1,1-Dichloropropene	7.783	75	4527	4.400	ug/l #	50
38) Carbon Tetrachloride	7.789	117	5484	4.672	ug/l #	14
51) 4-Methyl-2-Pentanone	10.179	43	693	1.375	ug/l #	1
68) m/p-Xylenes	11.703	106	3866	1.282	ug/l	77
76) 1,2,3-Trichloropropane	12.483	75	42196	83.489	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42196	169.267	ug/l #	9

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

Quant Time: May 05 06:53:40 2022
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Response via : Initial Calibration

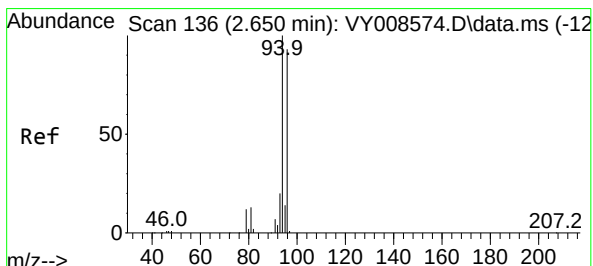
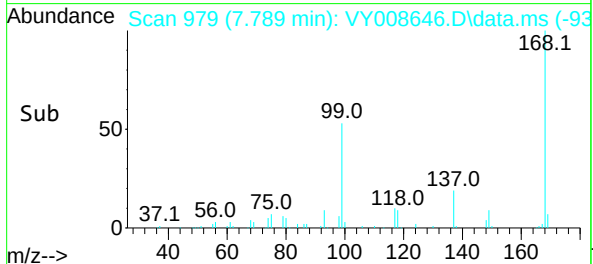
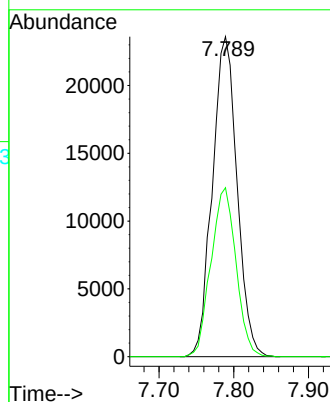
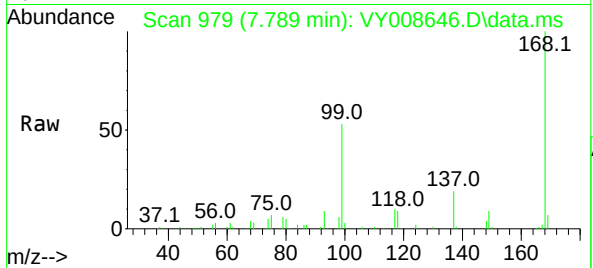




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

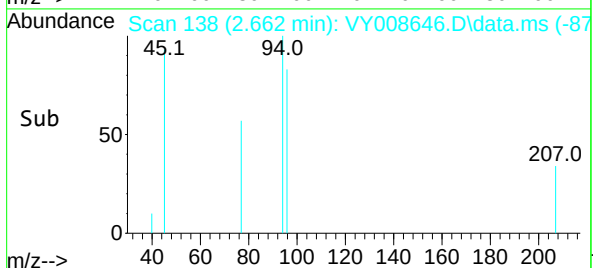
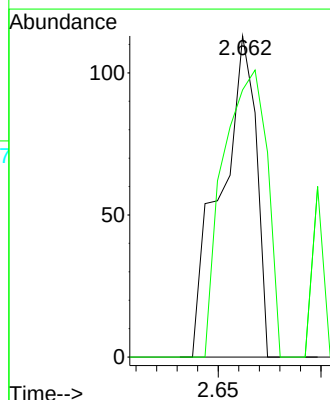
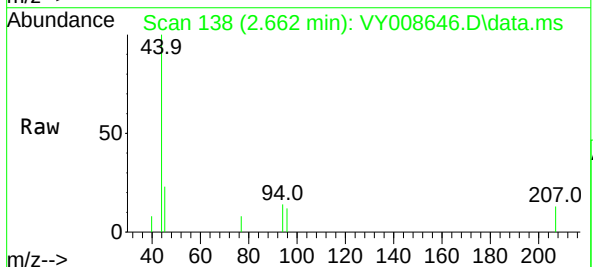
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

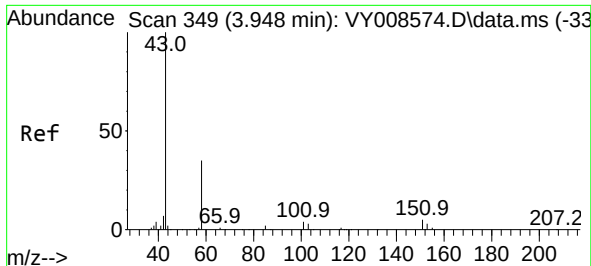
Tgt Ion:168 Resp: 54117
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.012 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 94 Resp: 136
Ion Ratio Lower Upper
94 100
96 83.2 73.5 110.3

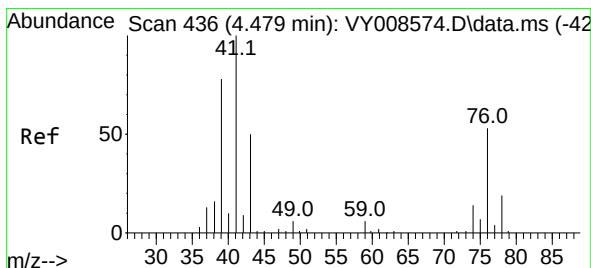
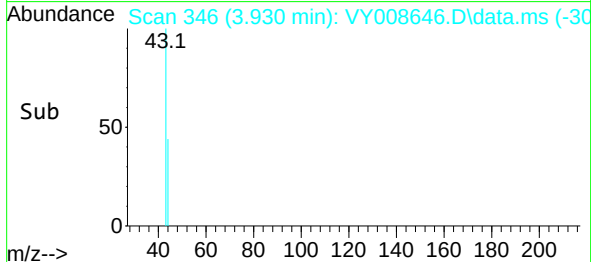
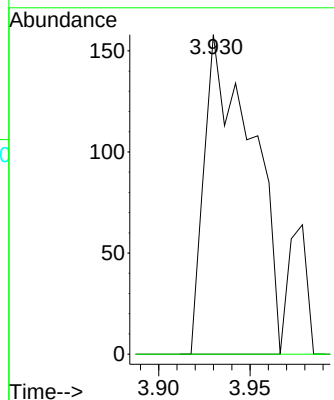
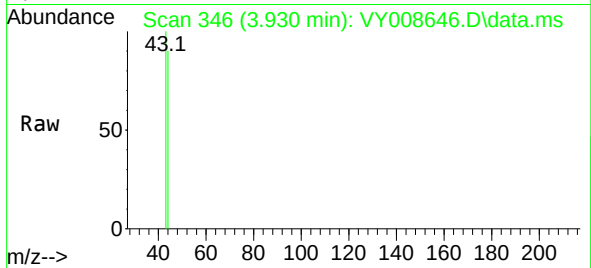




#16
Acetone
Concen: 2.541 ug/l
RT: 3.930 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

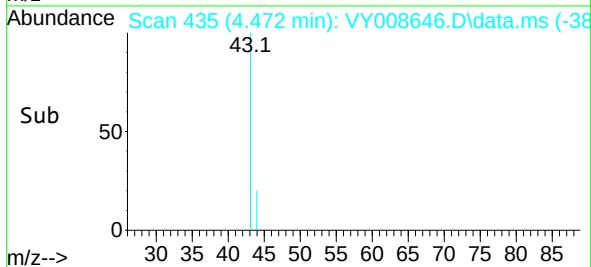
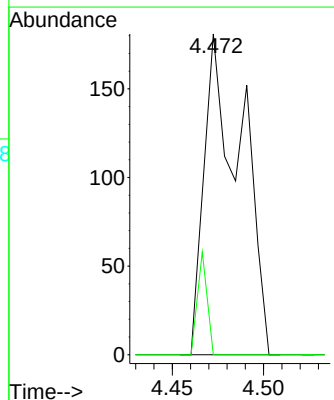
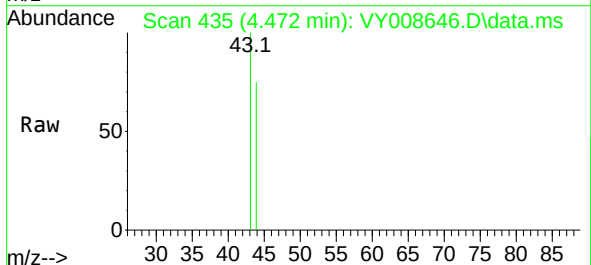
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

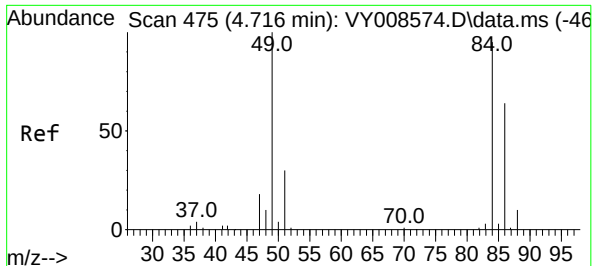
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.007 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

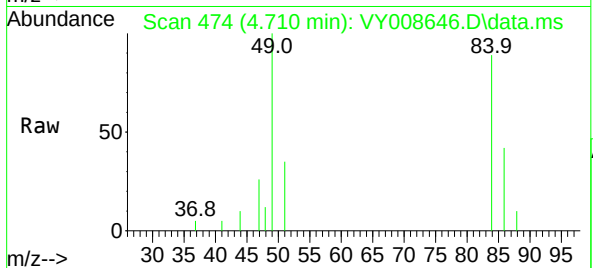
Tgt Ion: 43 Resp: 255
Ion Ratio Lower Upper
43 100
74 8.2 16.6 24.8#





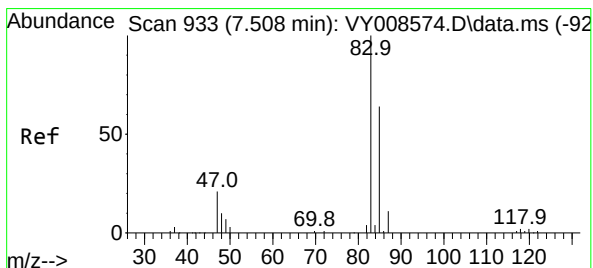
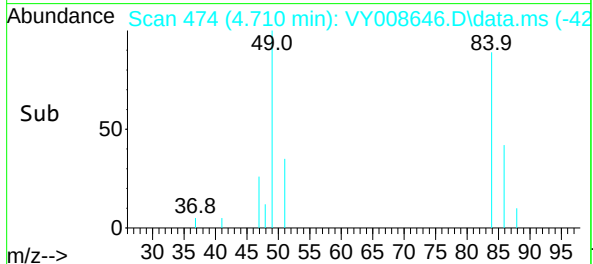
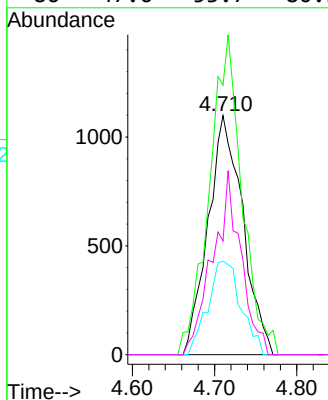
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15



Tgt Ion: 84 Resp: 3225

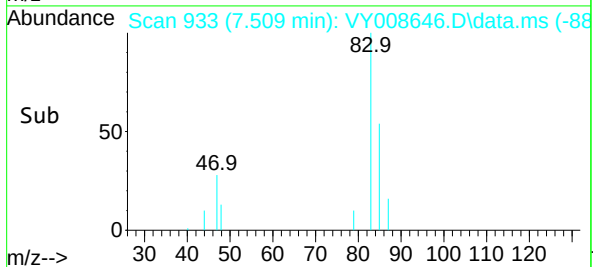
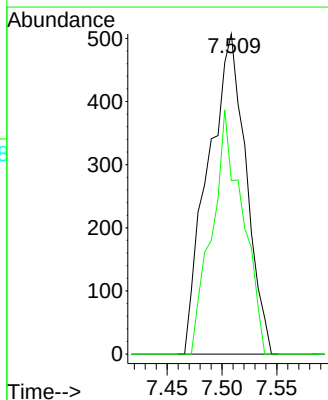
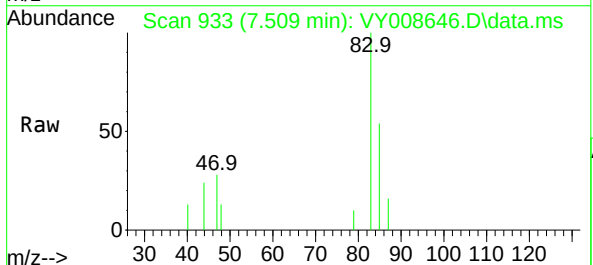
Ion	Ratio	Lower	Upper
84	100		
49	112.8	114.4	171.6#
51	39.1	35.3	52.9
86	47.6	53.7	80.5#

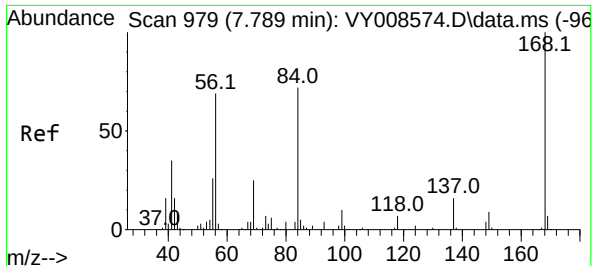


#30
Chloroform
Concen: 1.099 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 83 Resp: 1218

Ion	Ratio	Lower	Upper
83	100		
85	54.2	51.8	77.6

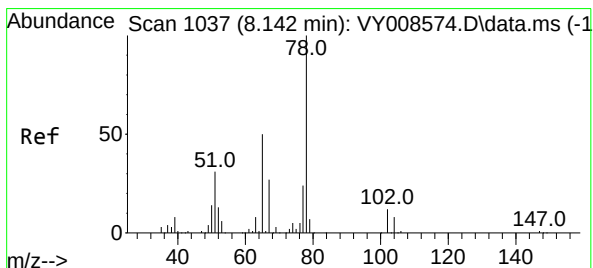
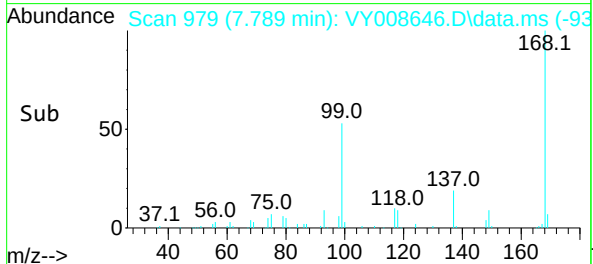
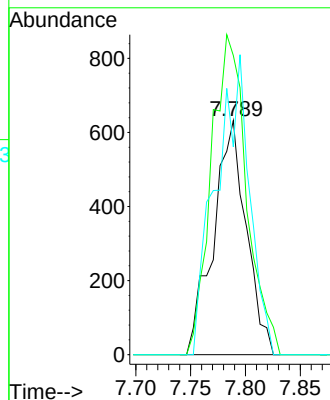
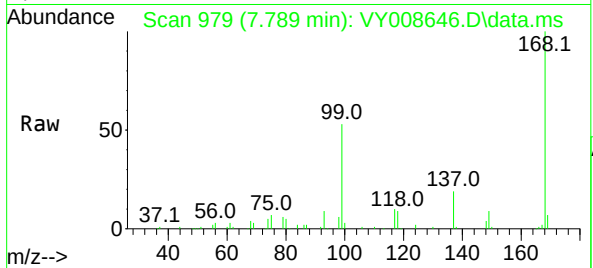




#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

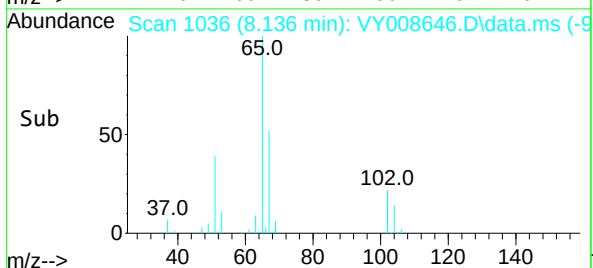
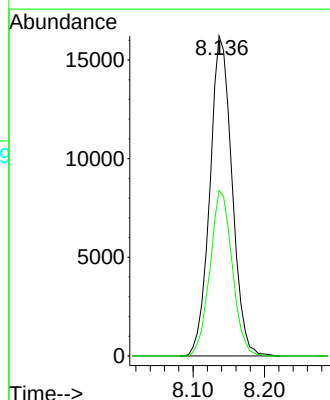
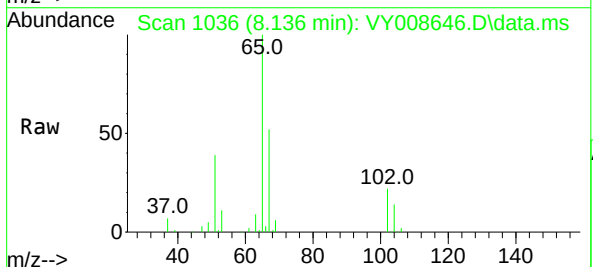
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

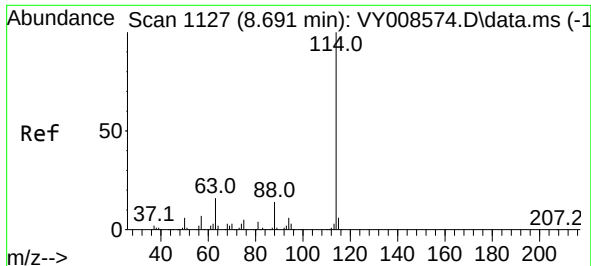
Tgt Ion: 56 Resp: 1319
Ion Ratio Lower Upper
56 100
69 127.8 26.7 40.1#
84 88.8 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 66.267 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 65 Resp: 34855
Ion Ratio Lower Upper
65 100
67 51.9 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: VY008646.D

Acq: 05 May 2022 05:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-11,15

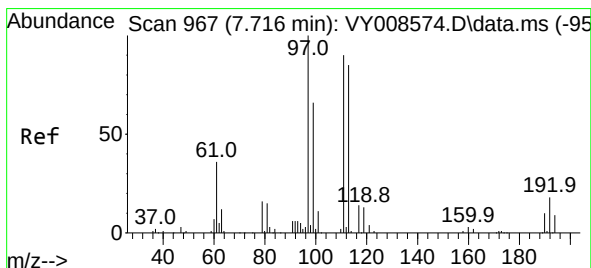
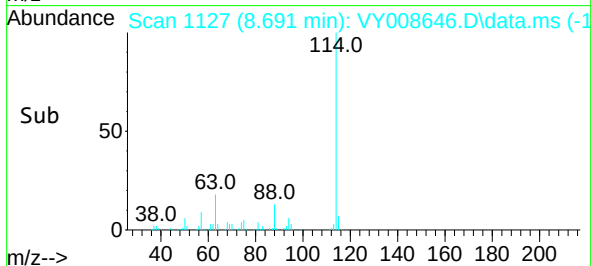
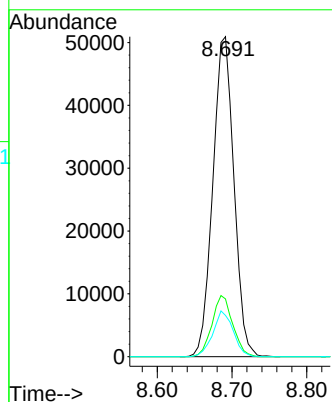
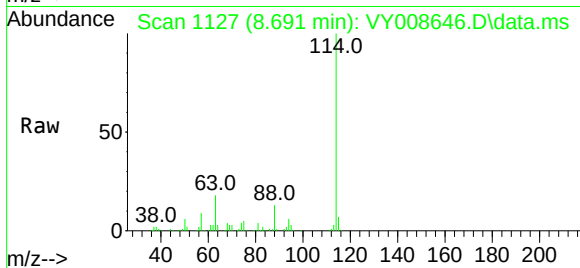
Tgt Ion:114 Resp: 100001

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.031 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008646.D

Acq: 05 May 2022 05:35

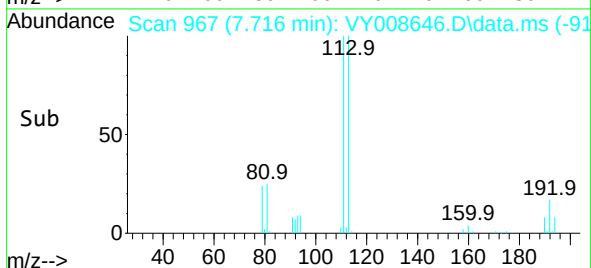
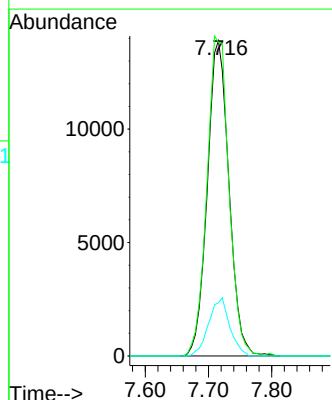
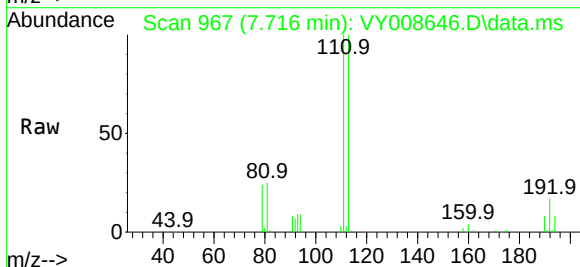
Tgt Ion:113 Resp: 33106

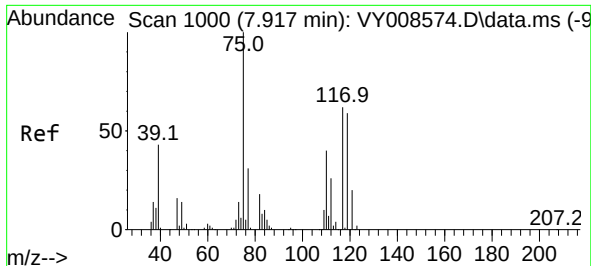
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 17.9 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.400 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008646.D

Acq: 05 May 2022 05:35

Instrument :

MSVOA_Y

ClientSampleId :

SB-11,15

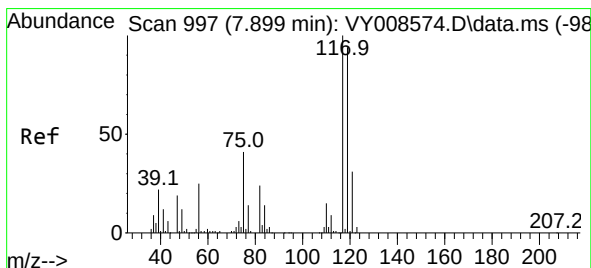
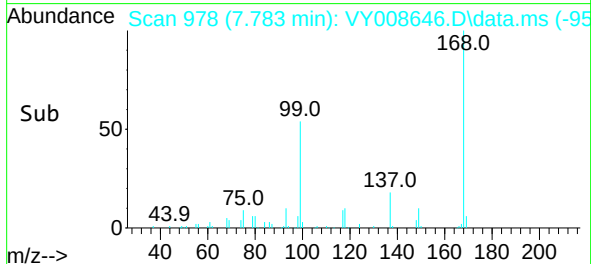
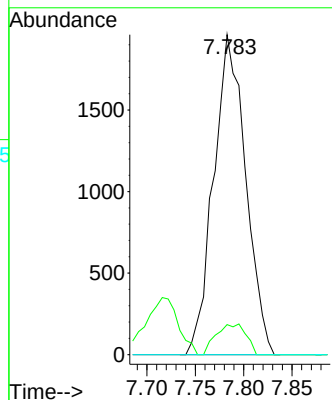
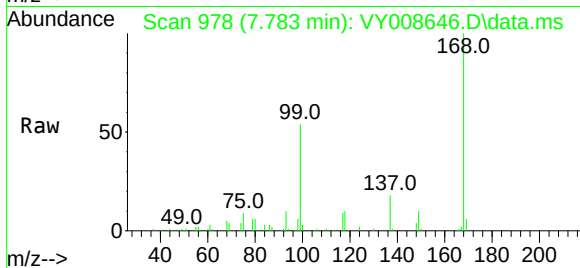
Tgt Ion: 75 Resp: 4527

Ion Ratio Lower Upper

75 100

110 8.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.672 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008646.D

Acq: 05 May 2022 05:35

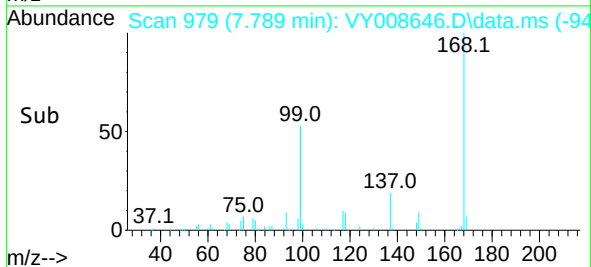
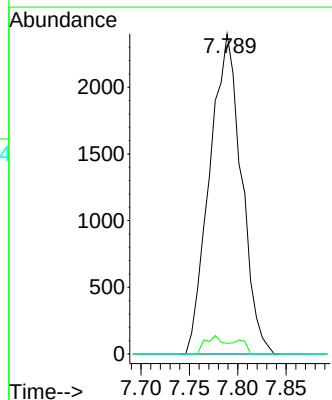
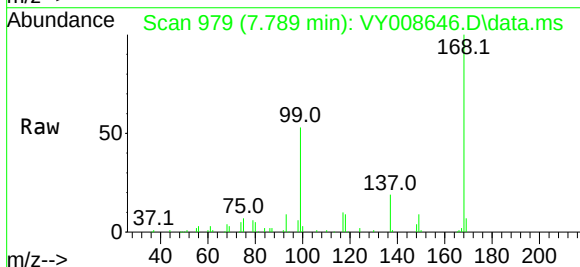
Tgt Ion: 117 Resp: 5484

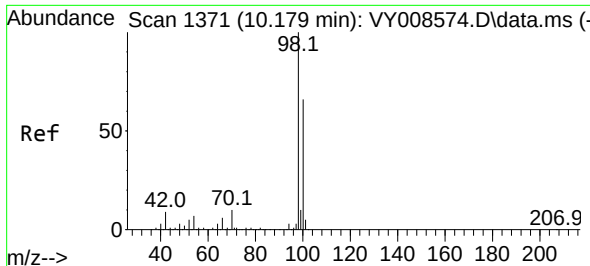
Ion Ratio Lower Upper

117 100

119 3.3 77.9 116.9#

121 0.0 24.8 37.2#

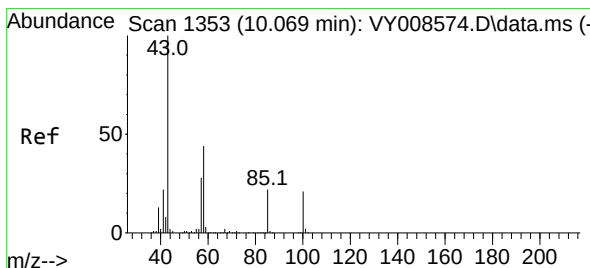
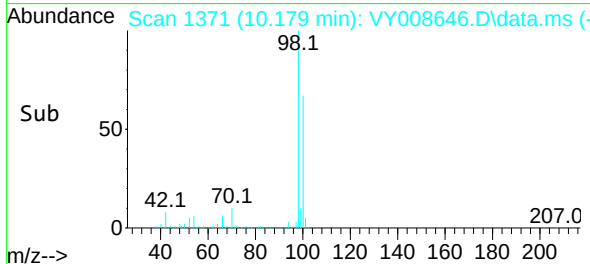
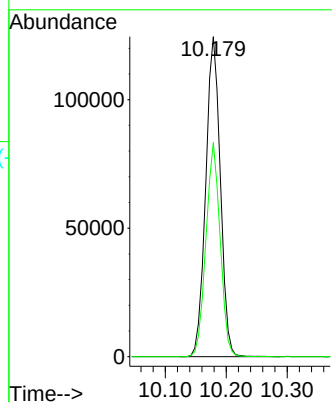
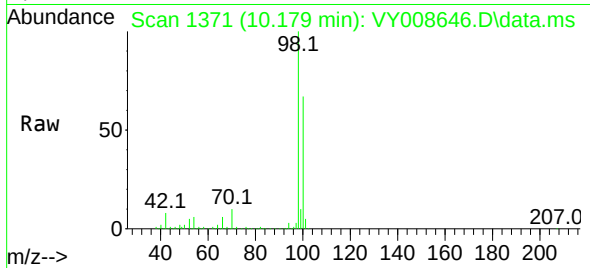




#50
Toluene-d8
Concen: 88.388 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

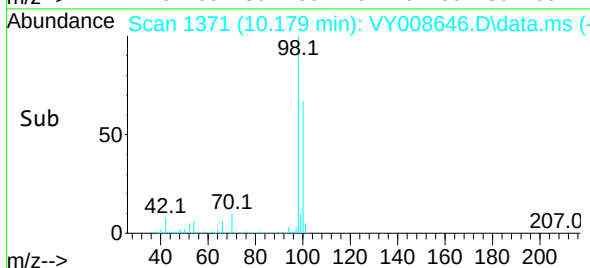
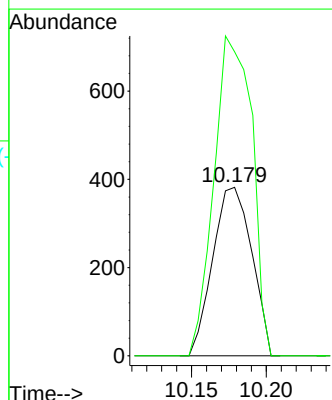
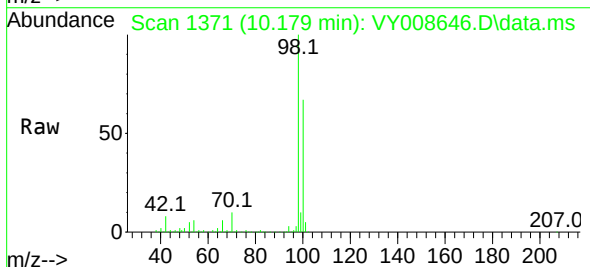
Instrument :
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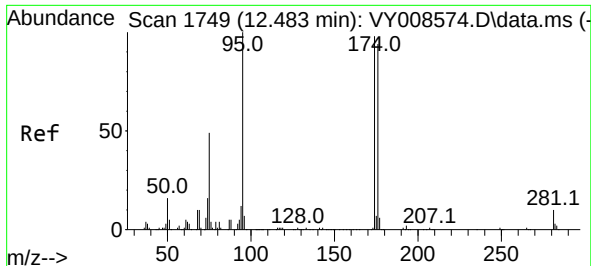
Tgt Ion: 98 Resp: 207207
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.375 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
58 185.0 28.1 42.1#

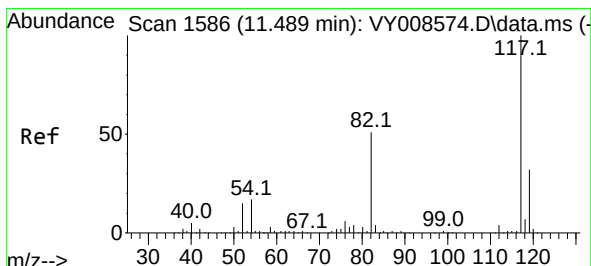
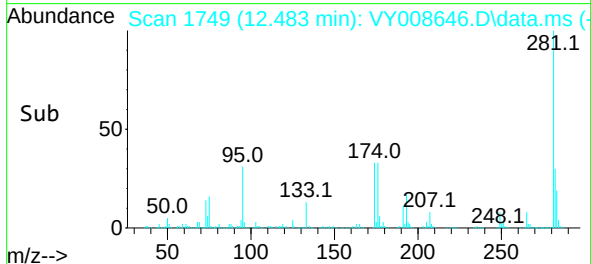
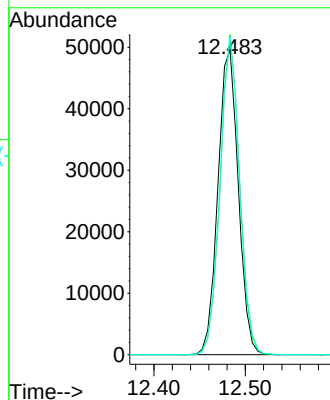
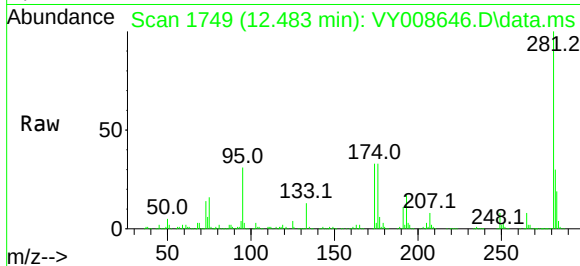




#62
4-Bromofluorobenzene
Concen: 89.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

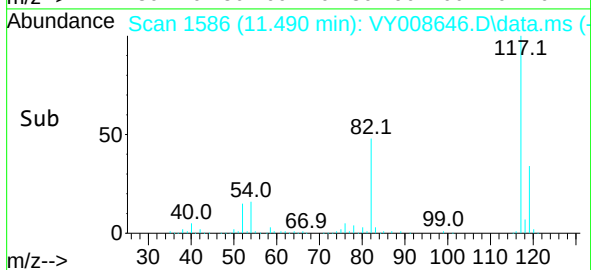
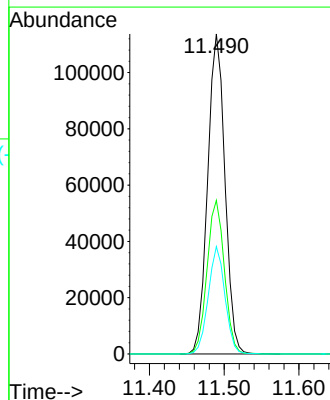
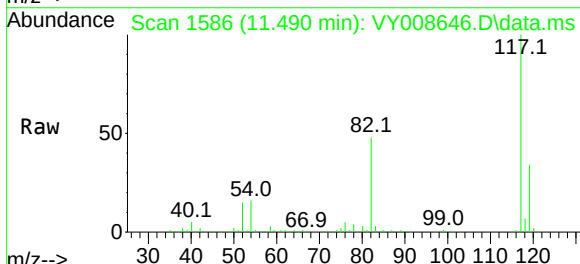
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

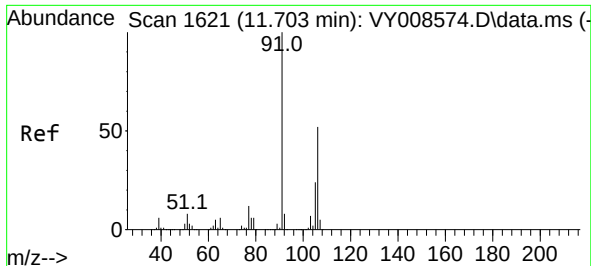
Tgt Ion: 95 Resp: 76874
Ion Ratio Lower Upper
95 100
174 100.2 0.0 177.0
176 99.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 117 Resp: 182180
Ion Ratio Lower Upper
117 100
82 48.0 43.0 64.4
119 33.6 25.4 38.0

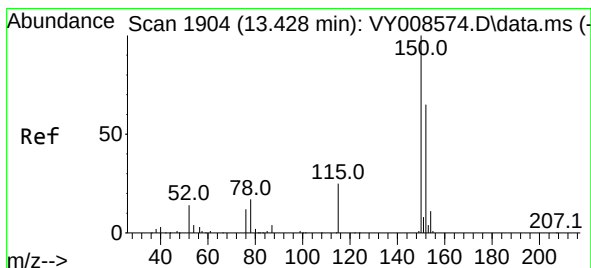
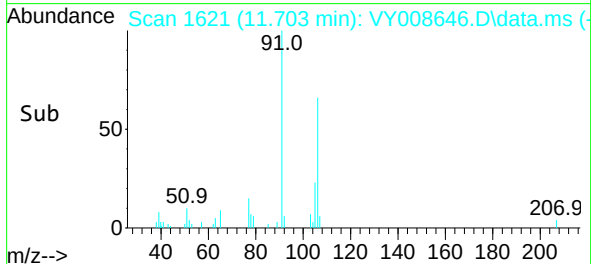
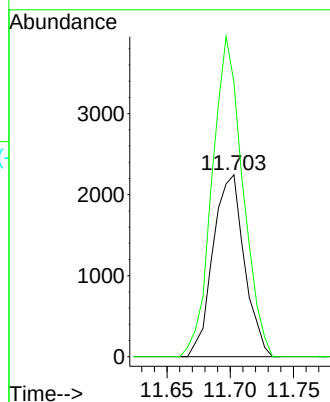
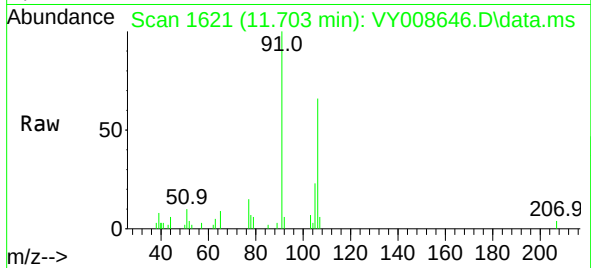




#68
m/p-Xylenes
Concen: 1.282 ug/l
RT: 11.703 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

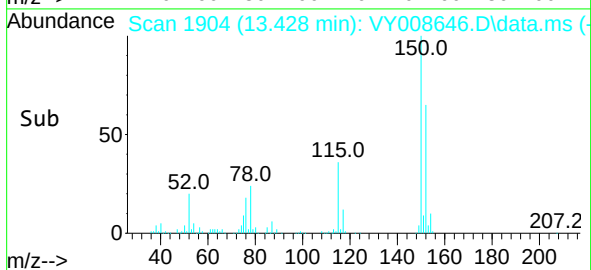
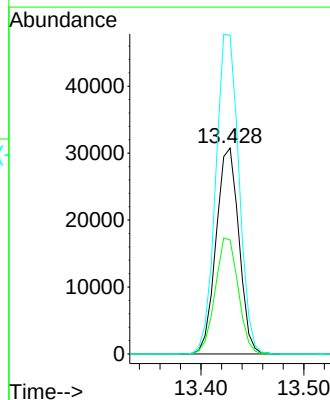
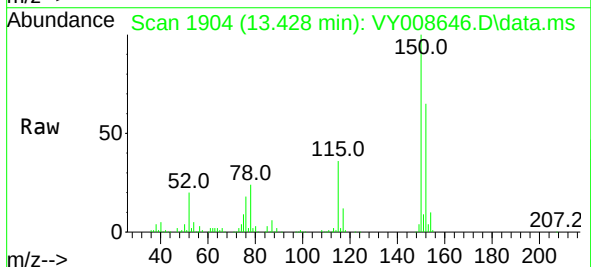
Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

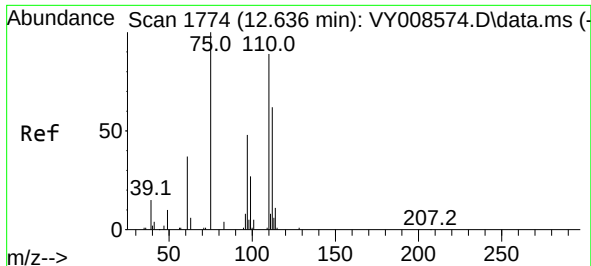
Tgt Ion:106 Resp: 3866
Ion Ratio Lower Upper
106 100
91 172.0 166.6 249.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion:152 Resp: 47346
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 157.8 0.0 347.6

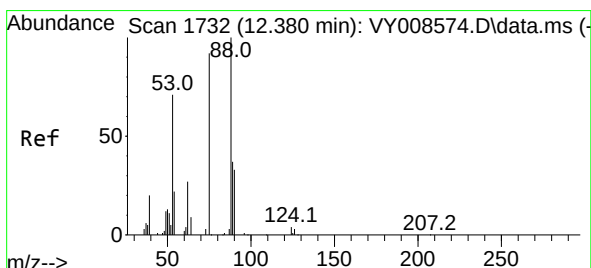
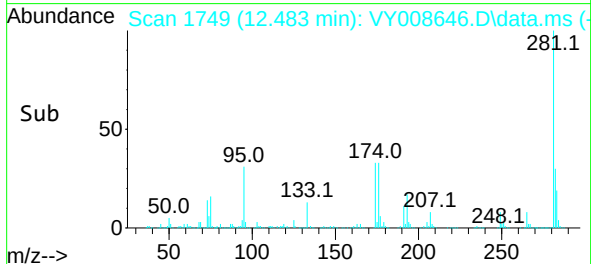
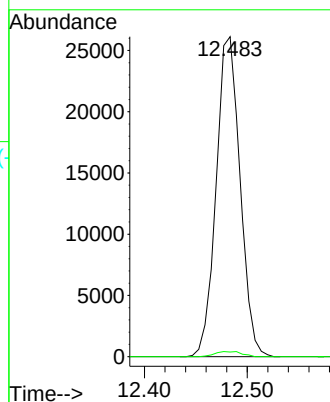
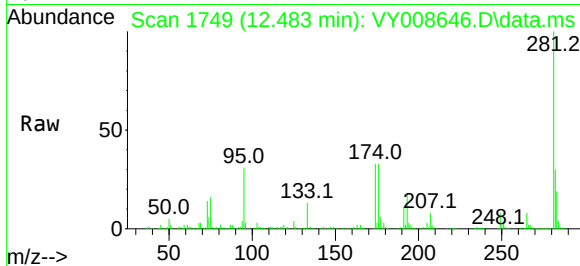




#76
1,2,3-Trichloropropane
Concen: 83.489 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Instrument :
MSVOA_Y
ClientSampleId :
SB-11,15

Tgt Ion: 75 Resp: 42196
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 169.267 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008646.D
Acq: 05 May 2022 05:35

Tgt Ion: 75 Resp: 42196
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 3.9 37.0 55.4#

