

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
 Data File : VY003926.D
 Acq On : 14 Jan 2021 18:01
 Operator : SY/MD
 Sample : M1124-05RE
 Misc : 4.72G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 15 00:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 12 11:47:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	65158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	92303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	64282	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22228	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29811	29.45	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	58.90%
35) Dibromofluoromethane	7.716	113	25954	34.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.82%
50) Toluene-d8	10.179	98	106421	34.81	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.62%
62) 4-Bromofluorobenzene	12.477	95	26457	23.70	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	47.40%

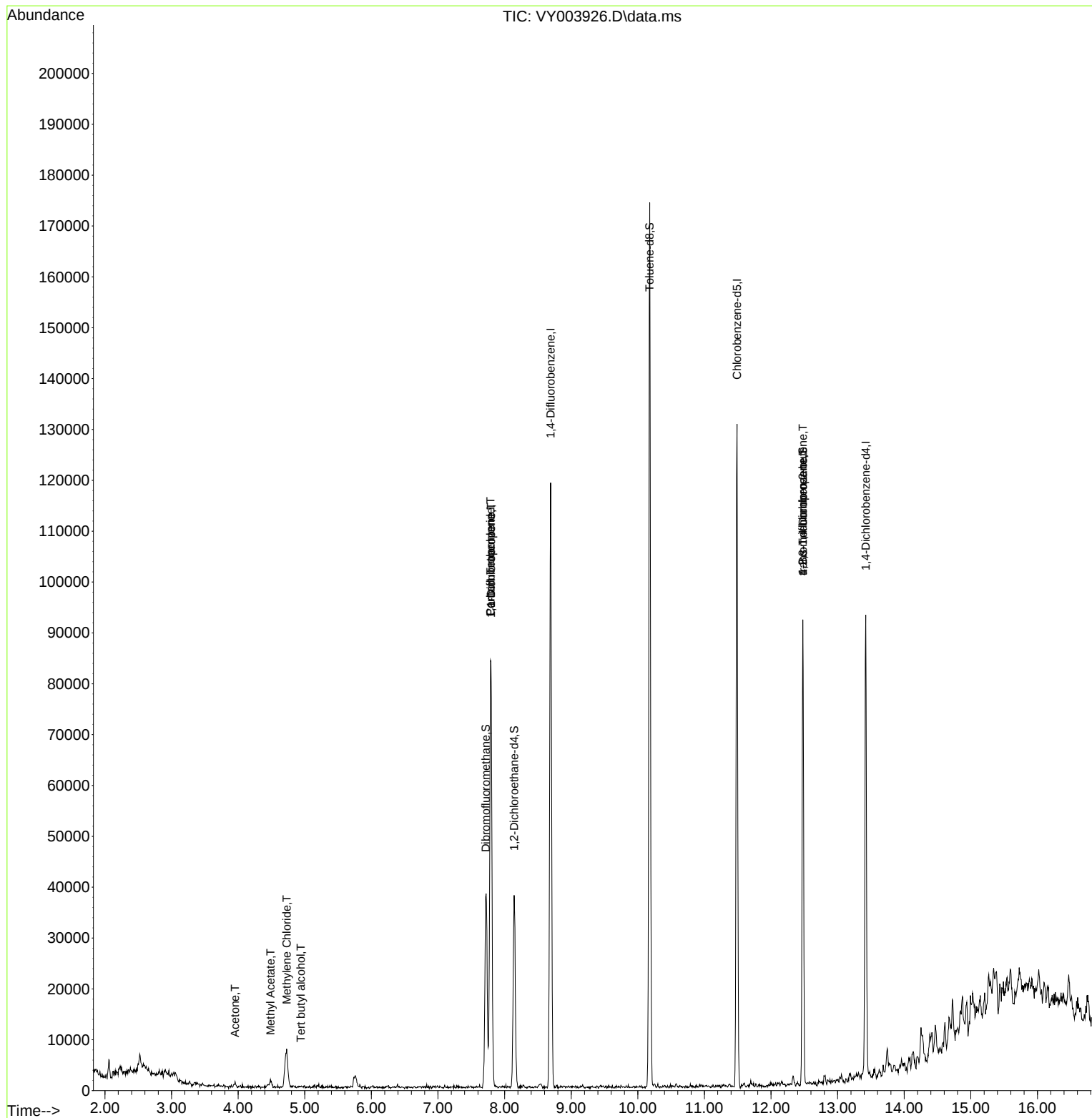
Target Compounds						Qvalue
3) Chloromethane	2.125	50	223	Below Cal	#	41
11) Tert butyl alcohol	4.942	59	162	1.54	ug/l #	73
16) Acetone	3.954	43	1217	4.86	ug/l	97
18) Methyl Acetate	4.485	43	2373	3.56	ug/l	94
20) Methylene Chloride	4.729	84	5090	5.43	ug/l	95
36) 1,1-Dichloropropene	7.795	75	4816	3.81	ug/l #	49
38) Carbon Tetrachloride	7.789	117	6741	5.04	ug/l #	13
76) 1,2,3-Trichloropropane	12.477	75	14255	47.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14255	90.03	ug/l #	3

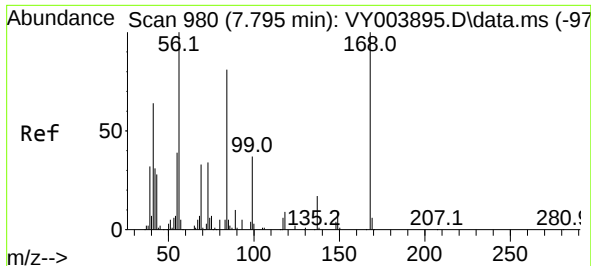
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 15 00:59:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

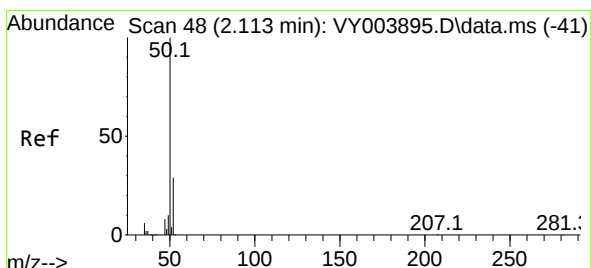
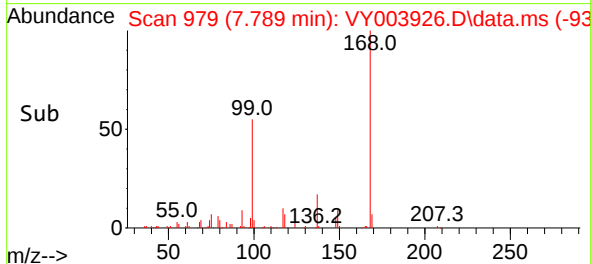
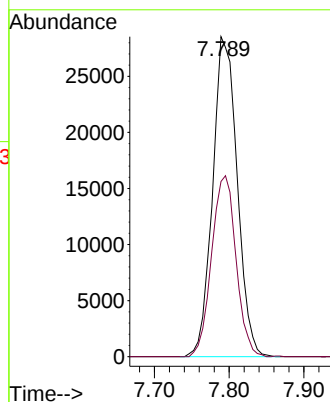
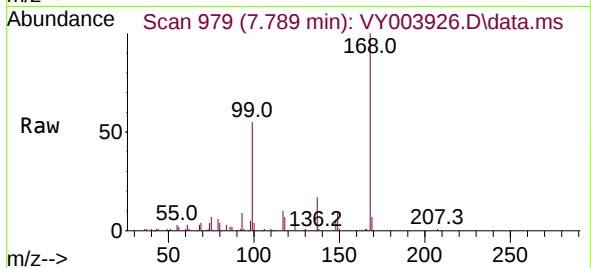




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

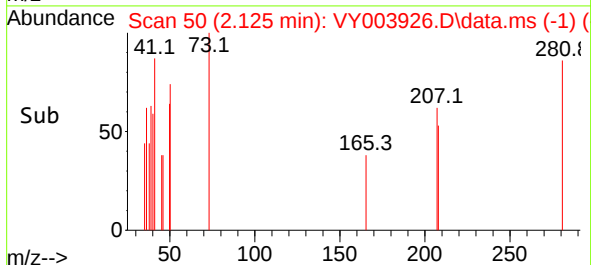
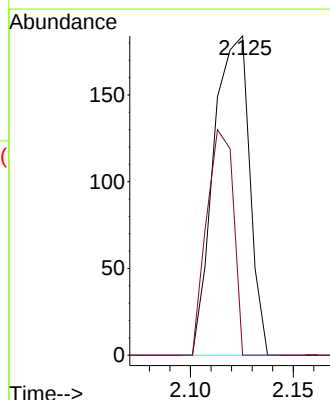
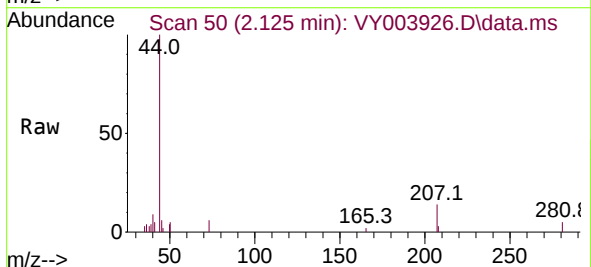
Instrument :
MSVOA_Y
ClientSampleId :

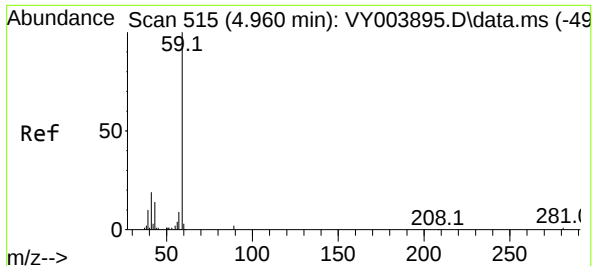
Tgt Ion:168 Resp: 65158
Ion Ratio Lower Upper
168 100
99 54.7 40.4 60.6



#3
Chloromethane
Concen: Below Cal
RT: 2.125 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Tgt Ion: 50 Resp: 223
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#



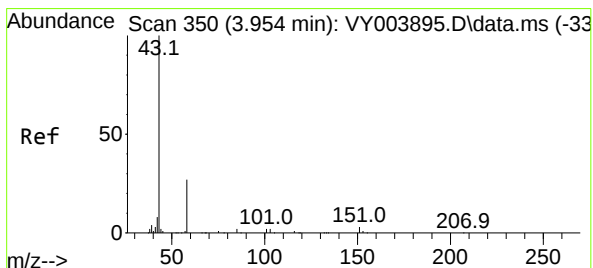
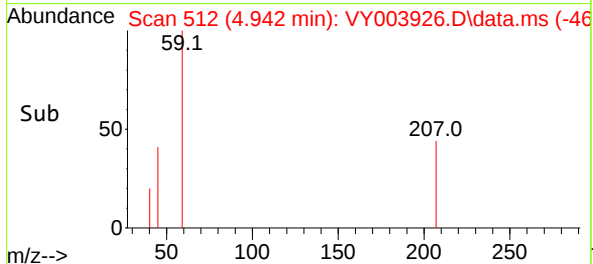
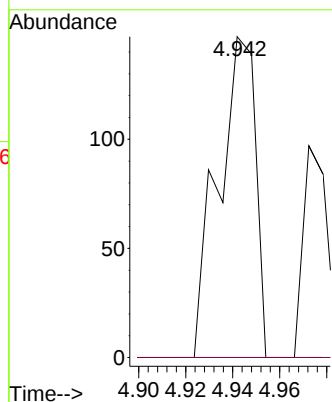
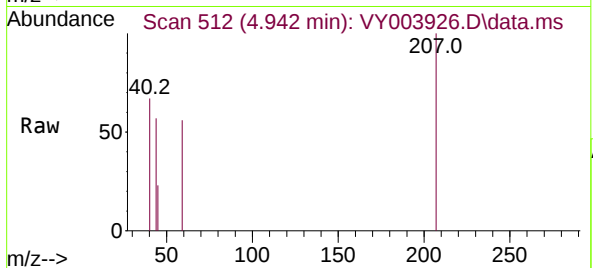


#11

Tert butyl alcohol
Concen: 1.54 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Instrument :
MSVOA_Y
ClientSampled :

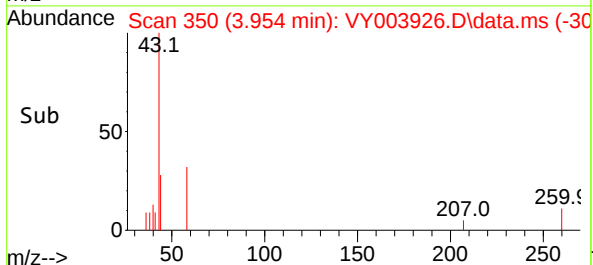
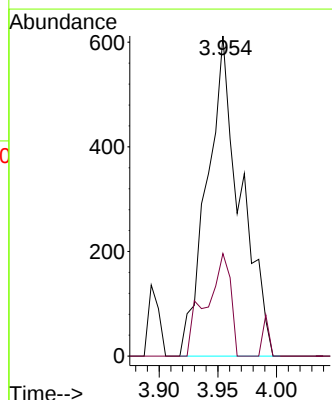
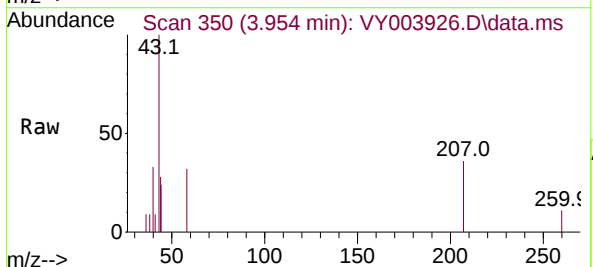
Tgt Ion: 59 Resp: 162
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

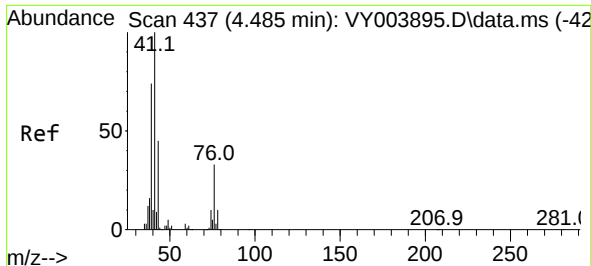


#16

Acetone
Concen: 4.86 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Tgt Ion: 43 Resp: 1217
Ion Ratio Lower Upper
43 100
58 32.0 24.5 36.7

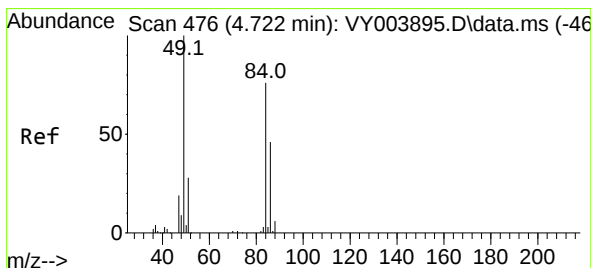
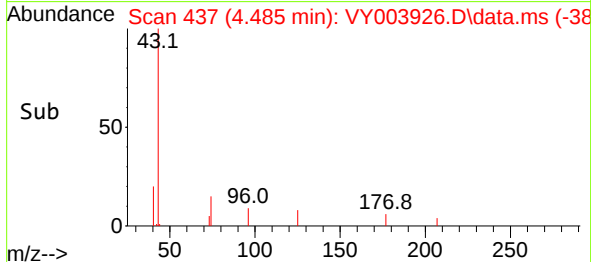
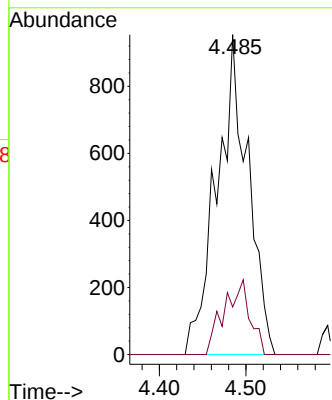
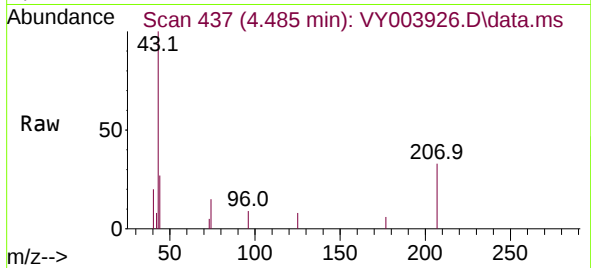




#18
Methyl Acetate
Concen: 3.56 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

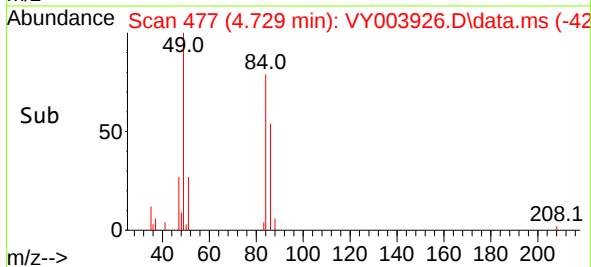
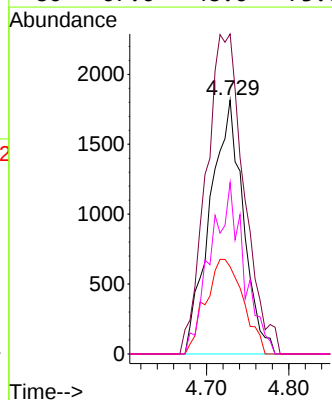
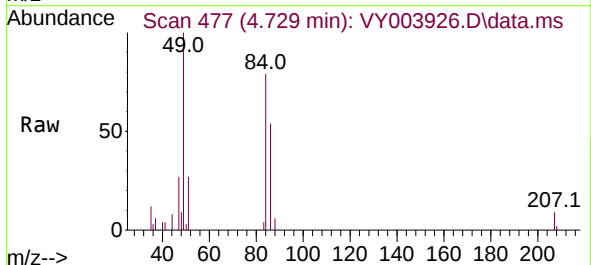
Instrument :
MSVOA_Y
ClientSampled :

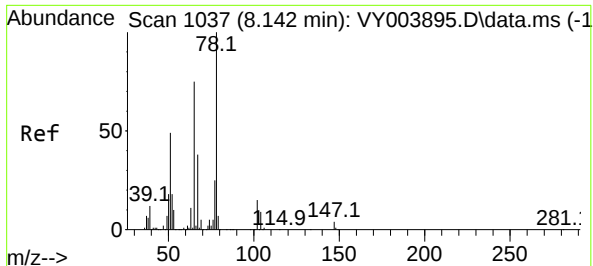
Tgt Ion: 43 Resp: 2373
Ion Ratio Lower Upper
43 100
74 19.5 17.8 26.6



#20
Methylene Chloride
Concen: 5.43 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Tgt Ion: 84 Resp: 5090
Ion Ratio Lower Upper
84 100
49 126.0 98.0 147.0
51 34.4 30.5 45.7
86 67.6 48.6 73.0

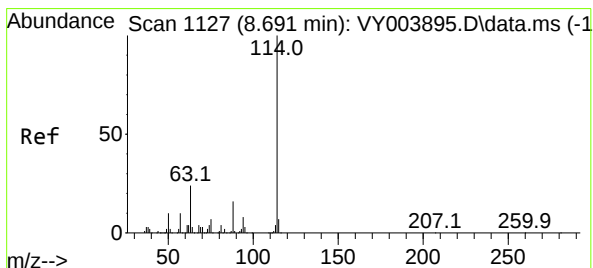
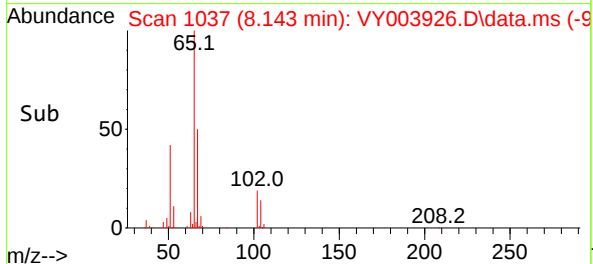
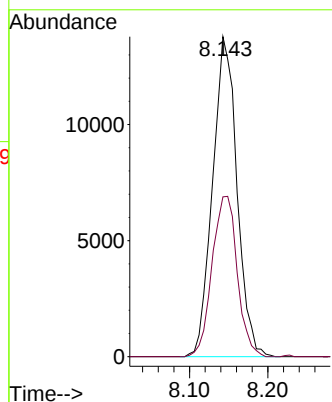
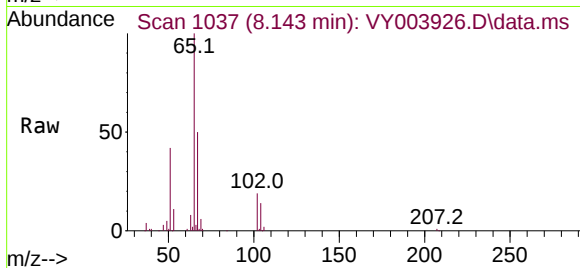




#33
1,2-Dichloroethane-d4
Concen: 29.45 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

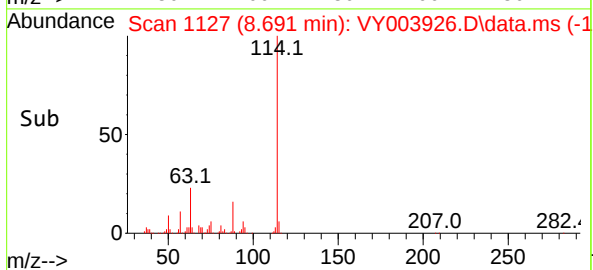
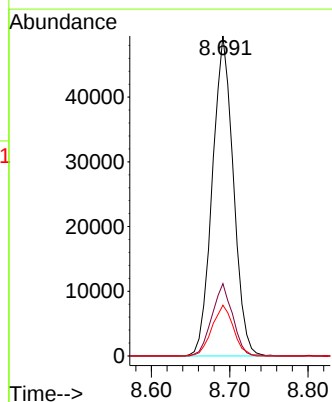
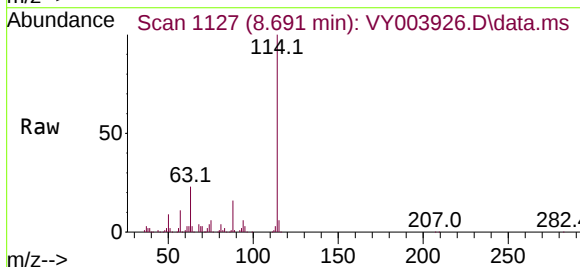
Instrument :
MSVOA_Y
ClientSampled :

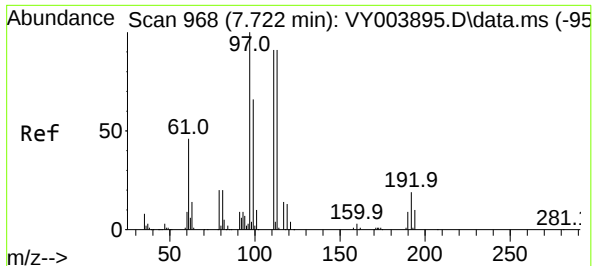
Tgt Ion: 65 Resp: 29811
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Tgt Ion:114 Resp: 92303
Ion Ratio Lower Upper
114 100
63 22.6 0.0 38.8
88 15.9 0.0 31.4





#35

Dibromofluoromethane

Concen: 34.41 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY003926.D

Acq: 14 Jan 2021 18:01

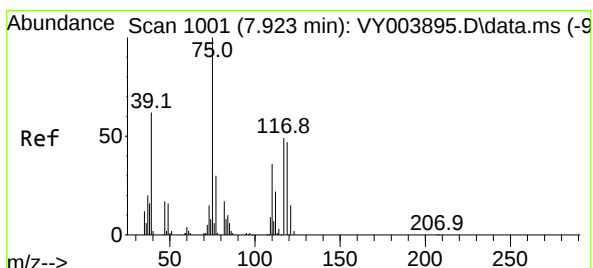
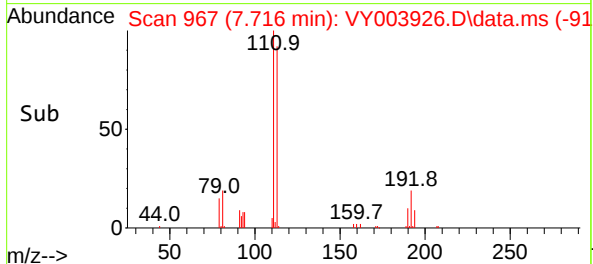
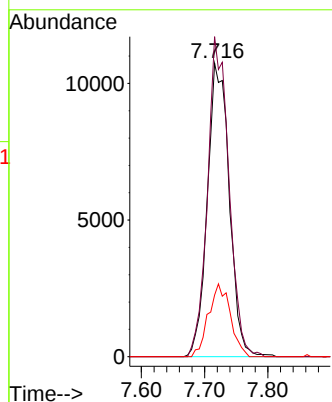
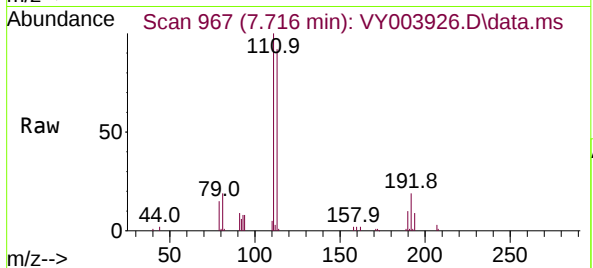
Tgt Ion:113 Resp: 25954

Ion Ratio Lower Upper

113 100

111 106.1 83.0 124.6

192 24.6 19.8 29.6



#36

1,1-Dichloropropene

Concen: 3.81 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY003926.D

Acq: 14 Jan 2021 18:01

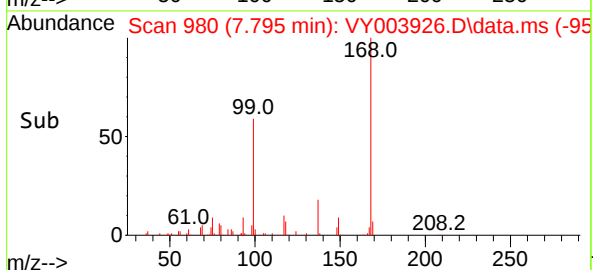
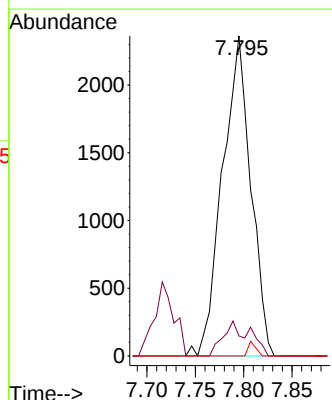
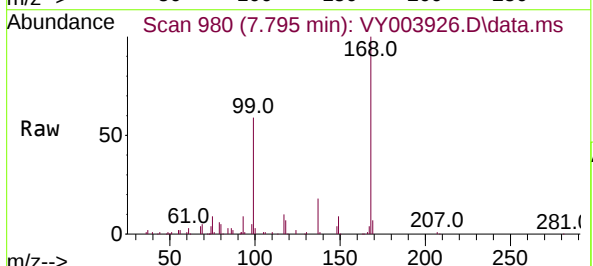
Tgt Ion: 75 Resp: 4816

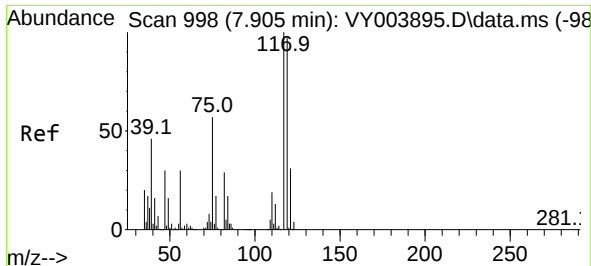
Ion Ratio Lower Upper

75 100

110 7.0 17.7 53.1#

77 1.2 24.8 37.2#

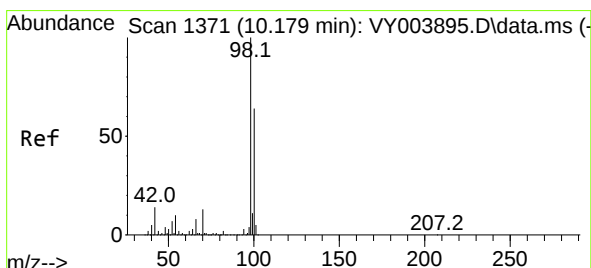
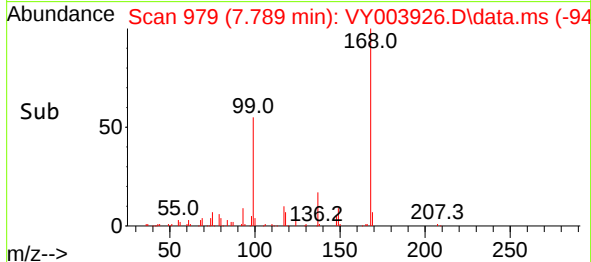
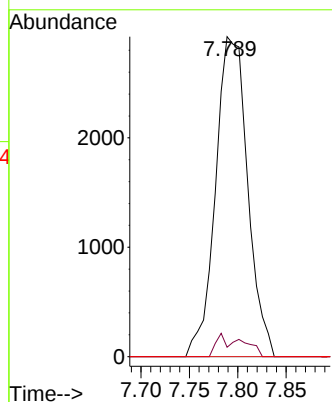
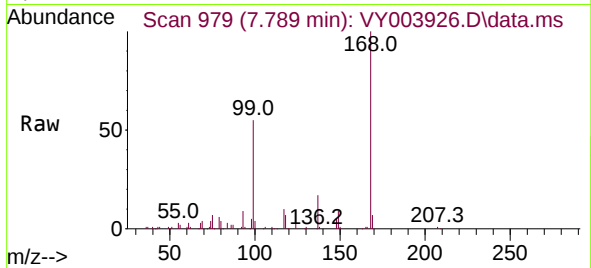




#38
Carbon Tetrachloride
Concen: 5.04 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

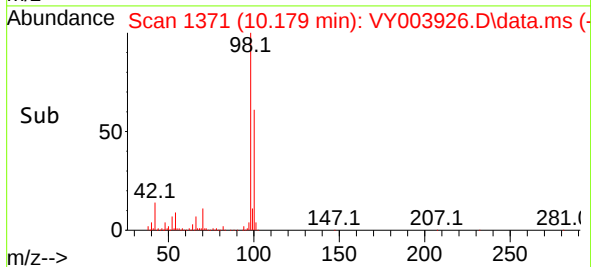
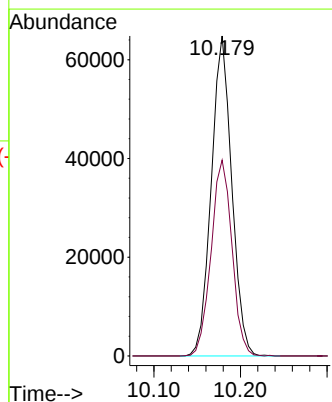
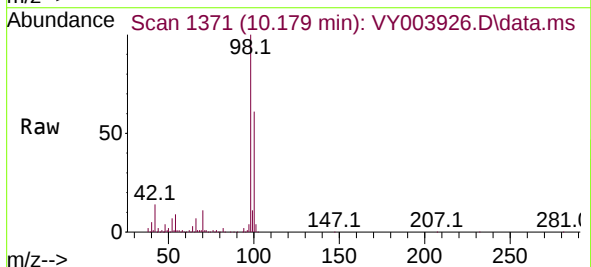
Instrument :
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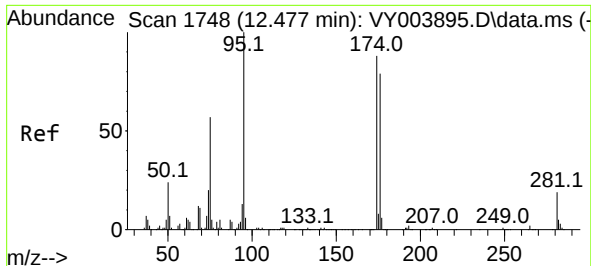
Tgt Ion:117 Resp: 6741
Ion Ratio Lower Upper
117 100
119 2.9 78.6 118.0#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 34.81 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Tgt Ion: 98 Resp: 106421
Ion Ratio Lower Upper
98 100
100 62.4 51.4 77.0

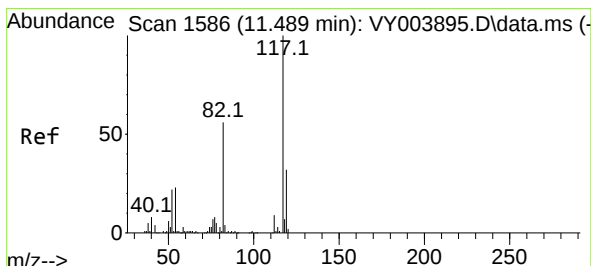
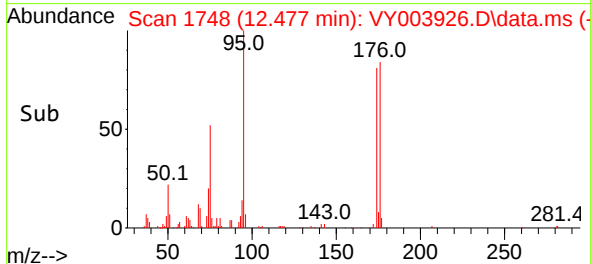
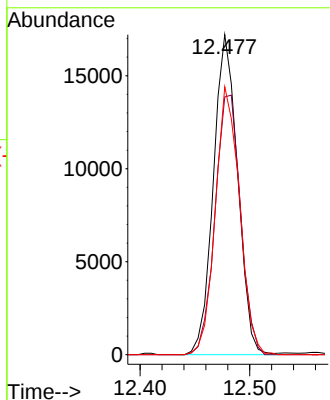
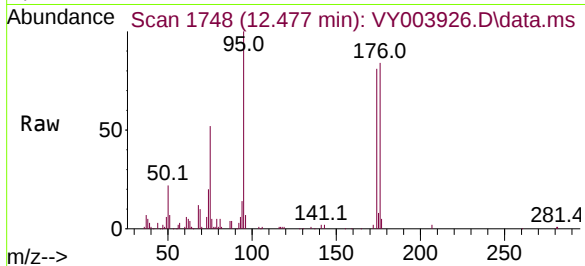




#62
4-Bromofluorobenzene
Concen: 23.70 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

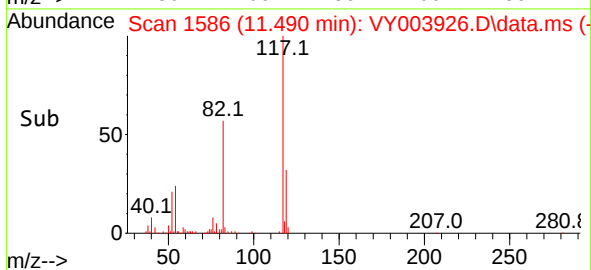
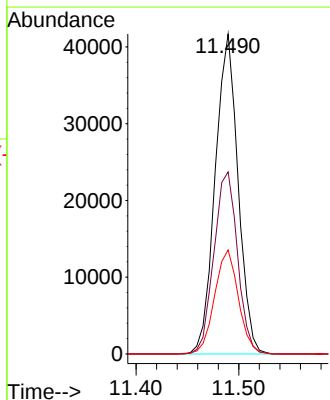
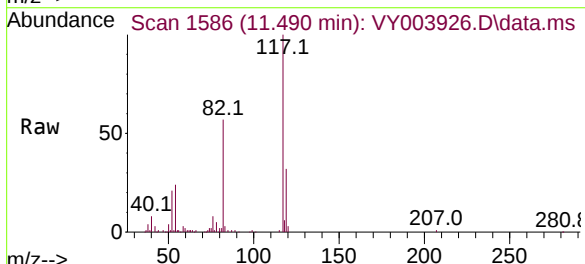
Instrument :
MSVOA_Y
ClientSampleId :

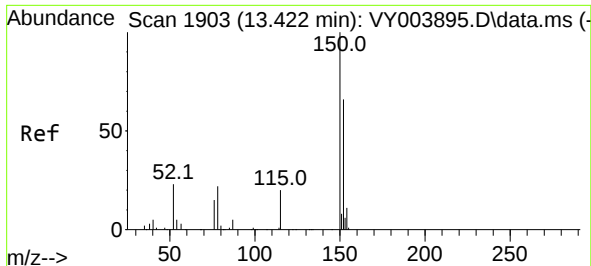
Tgt Ion:	95	Resp:	26457
Ion Ratio	Lower	Upper	
95	100		
174	84.9	0.0	193.2
176	83.6	0.0	187.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

Tgt Ion:	117	Resp:	64282
Ion Ratio	Lower	Upper	
117	100		
82	56.9	43.9	65.9
119	32.5	26.2	39.4

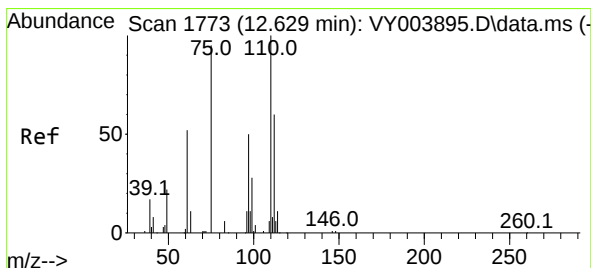
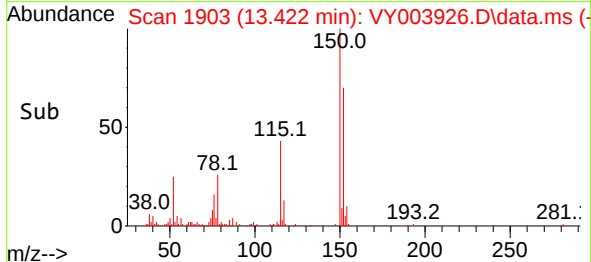
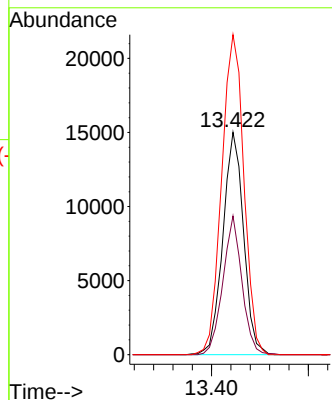
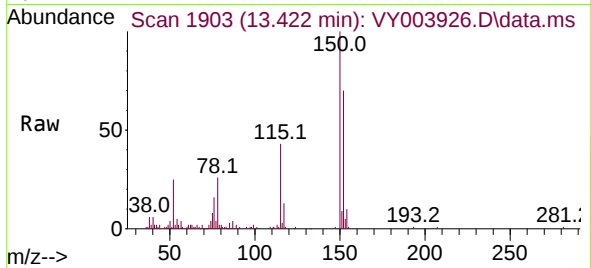




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

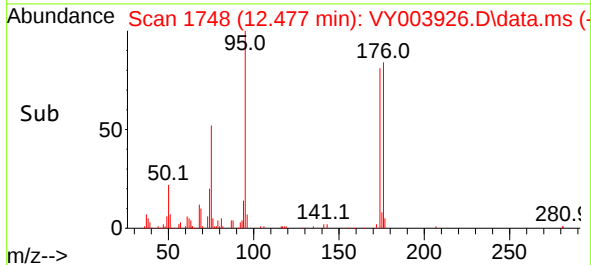
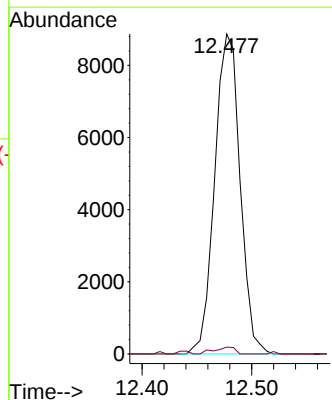
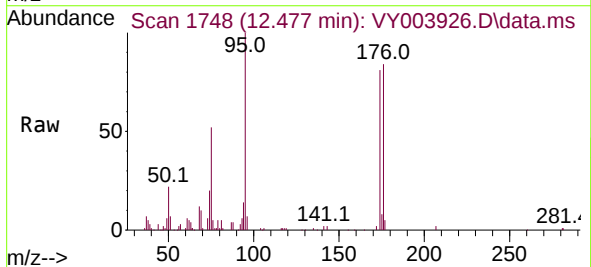
Instrument :
MSVOA_Y
ClientSampled :

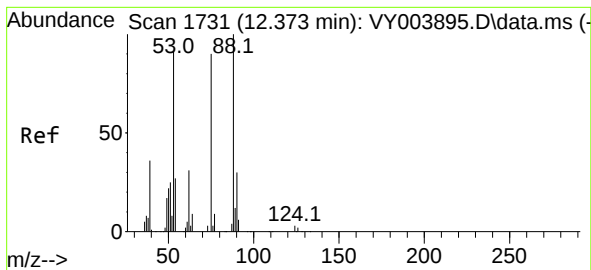
Tgt Ion:152 Resp: 22228
Ion Ratio Lower Upper
152 100
115 57.6 27.9 83.7
150 154.6 0.0 356.4



#76
1,2,3-Trichloropropane
Concen: 47.43 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY003926.D
Acq: 14 Jan 2021 18:01

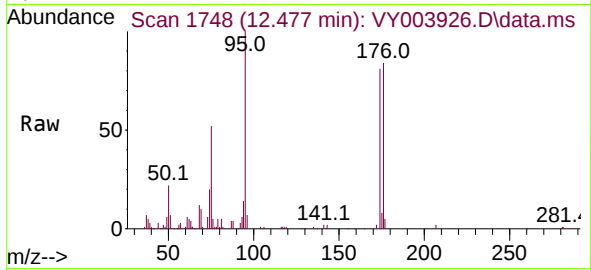
Tgt Ion: 75 Resp: 14255
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.03 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY003926.D
 Acq: 14 Jan 2021 18:01

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 14255
 Ion Ratio Lower Upper
 75 100
 53 0.6 75.0 112.6#
 89 0.0 0.0 0.0

