

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100821\
 Data File : VY006336.D
 Acq On : 07 Oct 2021 17:03
 Operator : SY/MD
 Sample : M4117-05
 Misc : 5.46G/5ML/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(1.5-2.0)

Quant Time: Oct 08 07:13:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 28 17:44:36 2021
 Response via : Initial Calibration

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

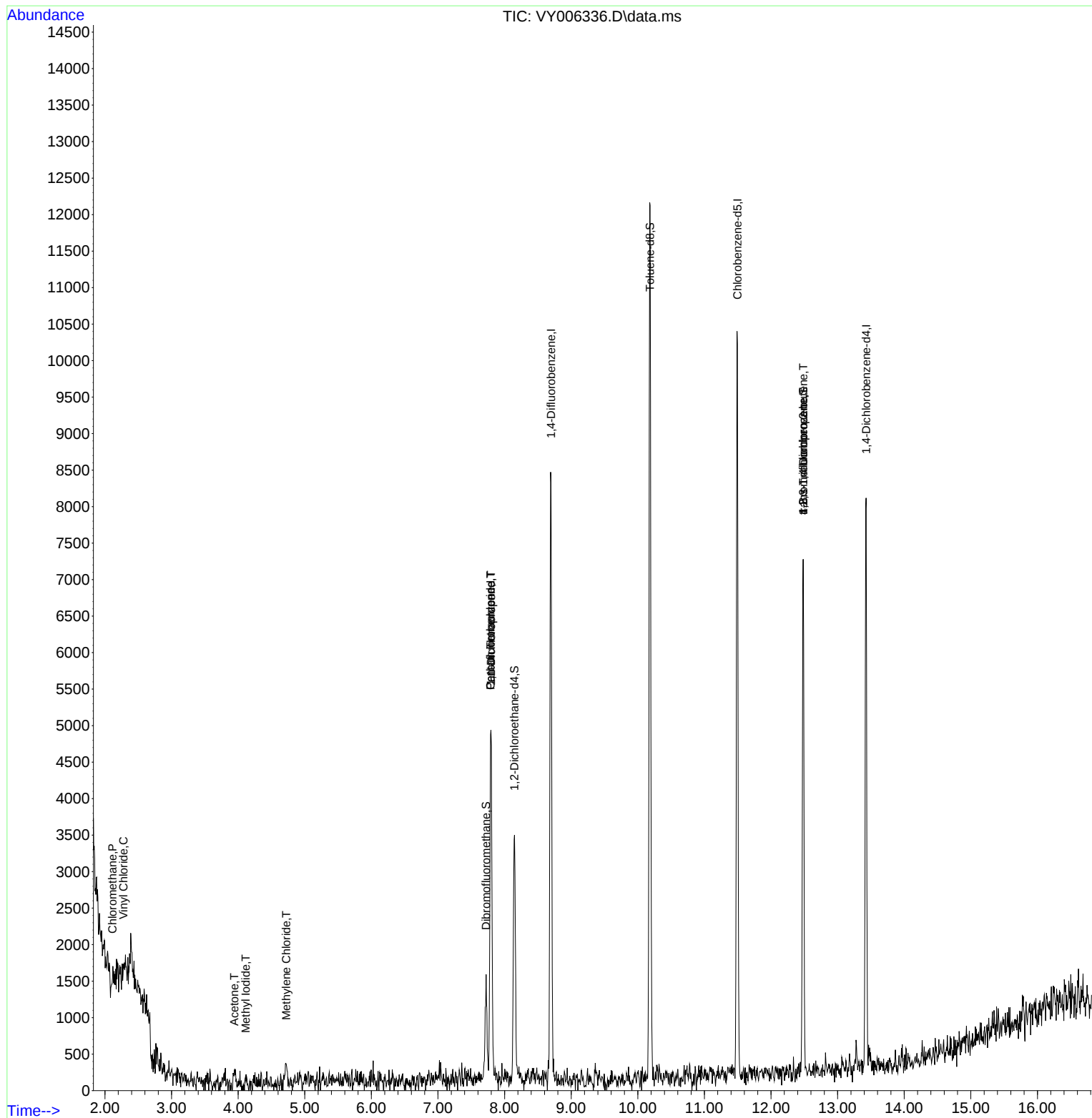
Internal Standards						
1) Pentafluorobenzene	7.789	168	4262	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	6984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	5906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	3151	69.08	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.16%
35) Dibromofluoromethane	7.722	113	956	25.62	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	51.24%#
50) Toluene-d8	10.185	98	8271	52.96	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.92%
62) 4-Bromofluorobenzene	12.483	95	2202	41.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.02%
Target Compounds						
						Qvalue
3) Chloromethane	2.113	50	93	1.85	ug/l	# 44
4) Vinyl Chloride	2.278	62	239	4.28	ug/l	# 43
10) Methyl Iodide	4.113	142	116	2.71	ug/l	# 35
16) Acetone	3.942	43	147	11.54	ug/l	# 47
20) Methylene Chloride	4.722	84	258	2.30	ug/l	# 27
36) 1,1-Dichloropropene	7.795	75	279	4.02	ug/l	# 42
38) Carbon Tetrachloride	7.789	117	339	4.62	ug/l	# 11
76) 1,2,3-Trichloropropane	12.483	75	1251	58.77	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	1251	115.50	ug/l	# 7

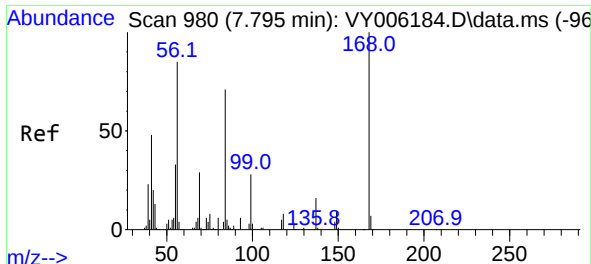
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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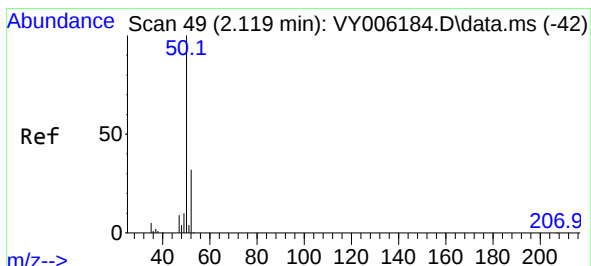
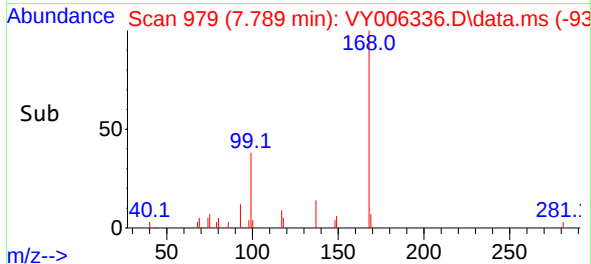
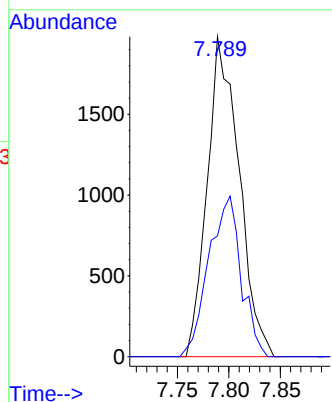
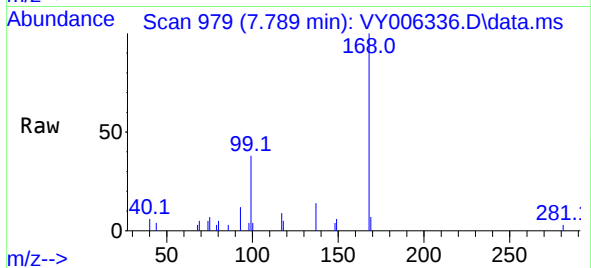




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

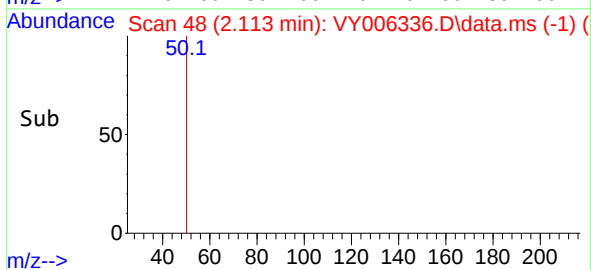
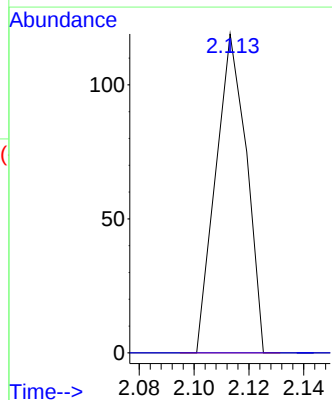
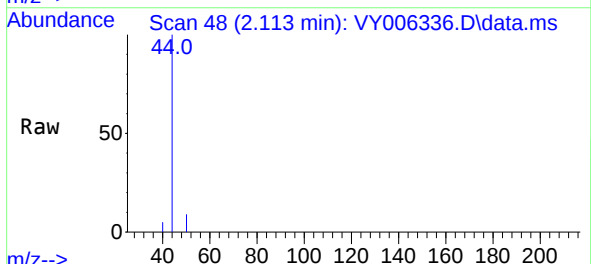
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(1.5-2.0)

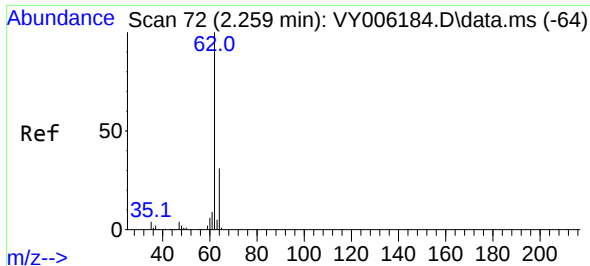
Tgt Ion:168 Resp: 4262
Ion Ratio Lower Upper
168 100
99 37.8 46.9 70.3#



#3
Chloromethane
Concen: 1.85 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Tgt Ion: 50 Resp: 93
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

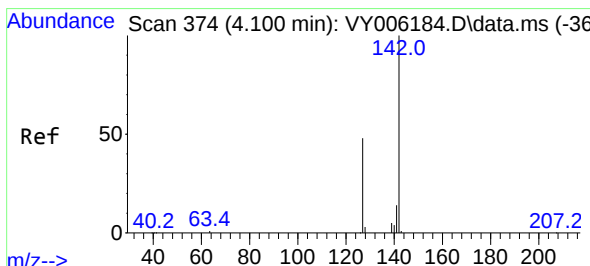
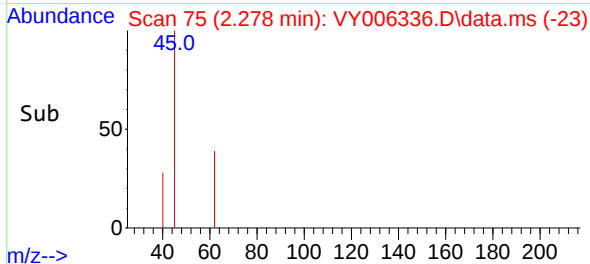
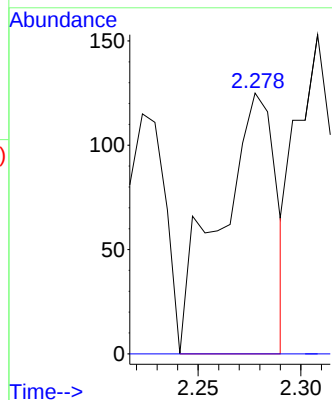
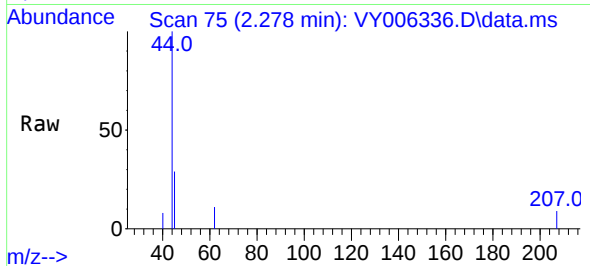




#4
 Vinyl Chloride
 Concen: 4.28 ug/l
 RT: 2.278 min Scan# 75
 Delta R.T. 0.019 min
 Lab File: VY006336.D
 Acq: 07 Oct 2021 17:03

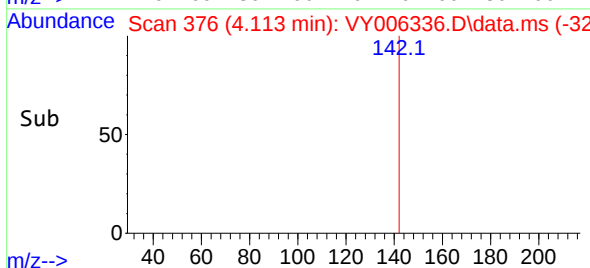
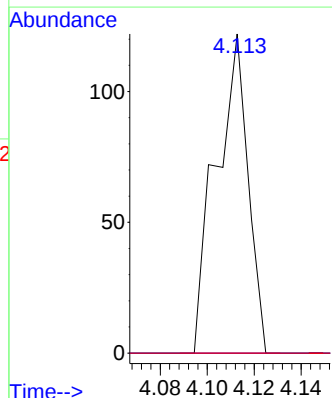
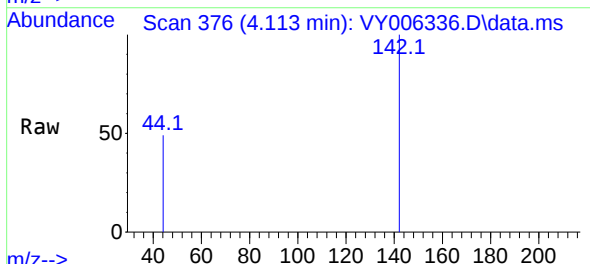
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2(1.5-2.0)

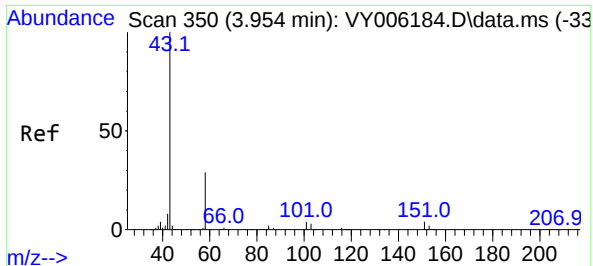
Tgt Ion: 62 Resp: 239
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.0 37.6#



#10
 Methyl Iodide
 Concen: 2.71 ug/l
 RT: 4.113 min Scan# 376
 Delta R.T. 0.013 min
 Lab File: VY006336.D
 Acq: 07 Oct 2021 17:03

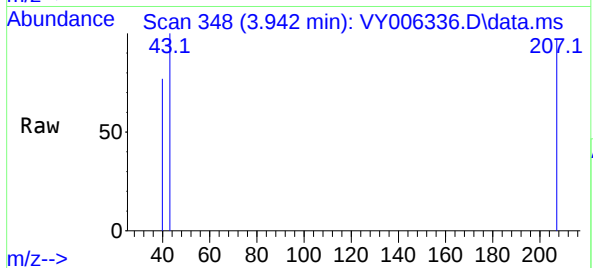
Tgt Ion: 142 Resp: 116
 Ion Ratio Lower Upper
 142 100
 127 0.0 41.5 62.3#
 141 0.0 11.9 17.9#



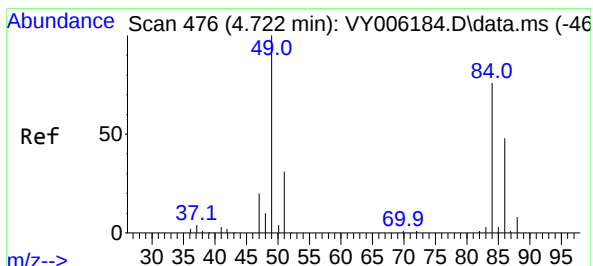
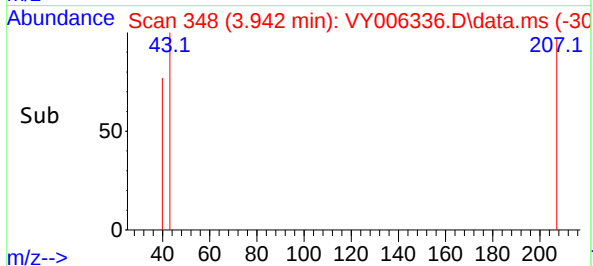
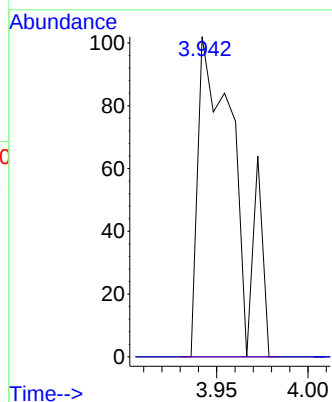


#16
Acetone
Concen: 11.54 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.012 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(1.5-2.0)

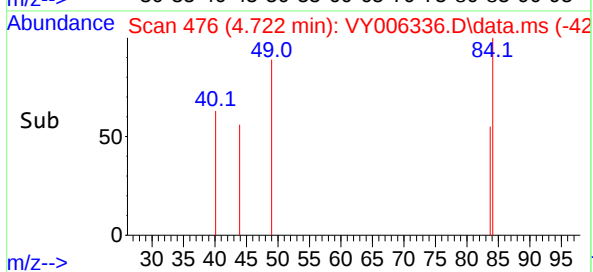
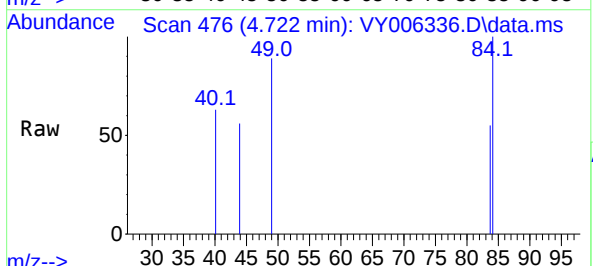
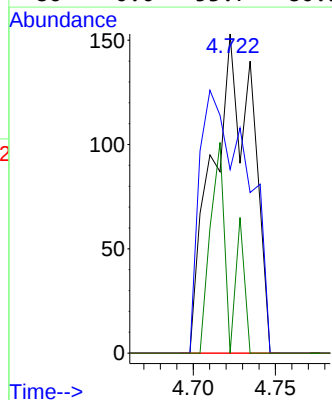


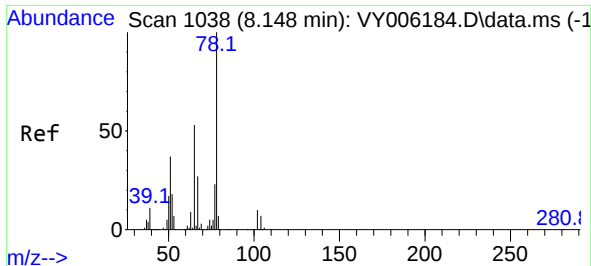
Tgt Ion: 43 Resp: 147
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 2.30 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Tgt Ion: 84 Resp: 258
Ion Ratio Lower Upper
84 100
49 57.5 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#

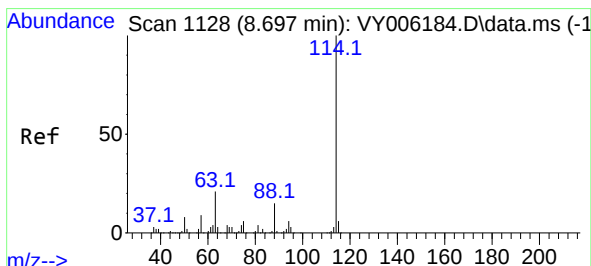
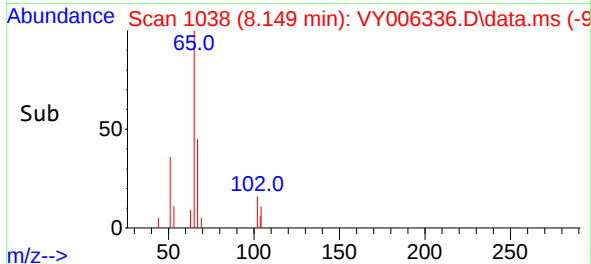
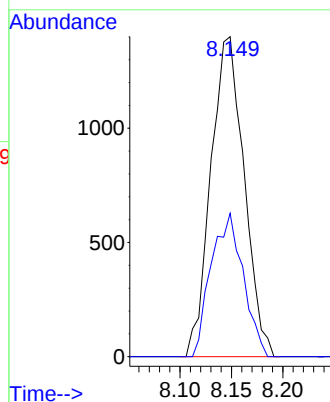
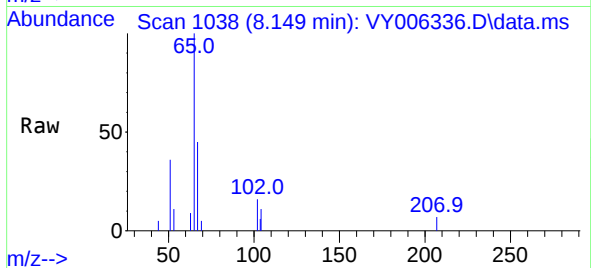




#33
1,2-Dichloroethane-d4
Concen: 69.08 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

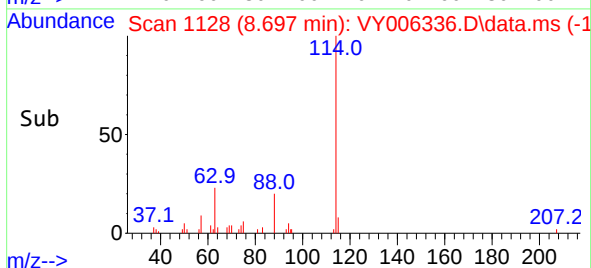
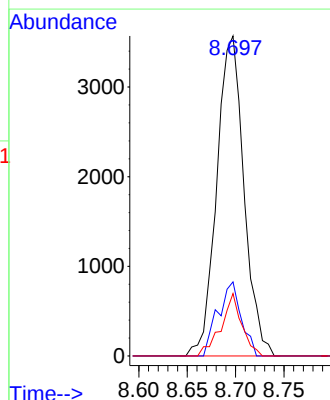
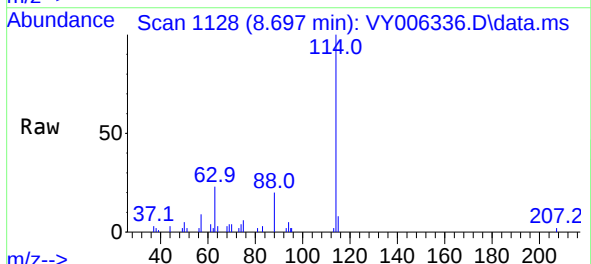
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(1.5-2.0)

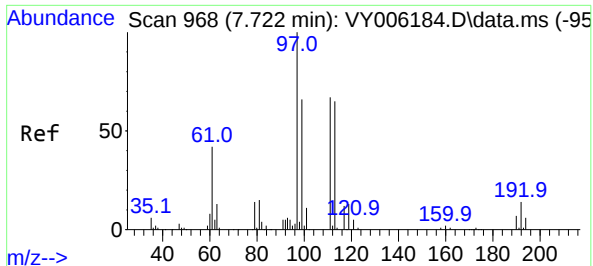
Tgt Ion: 65 Resp: 3151
Ion Ratio Lower Upper
65 100
67 43.2 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Tgt Ion:114 Resp: 6984
Ion Ratio Lower Upper
114 100
63 23.2 0.0 43.2
88 19.5 0.0 31.8

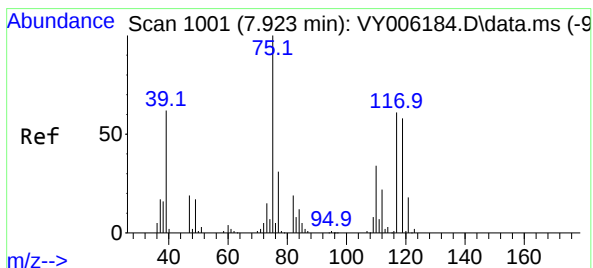
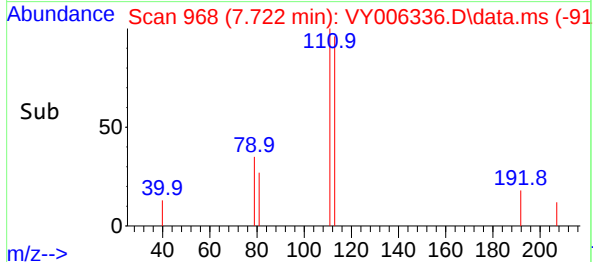
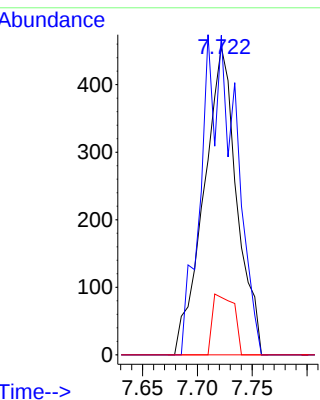
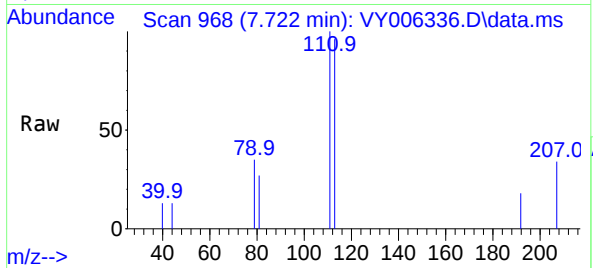




#35
Dibromofluoromethane
Concen: 25.62 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

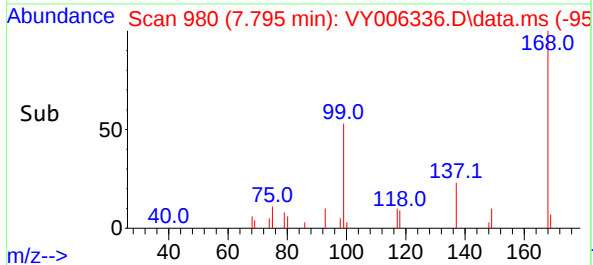
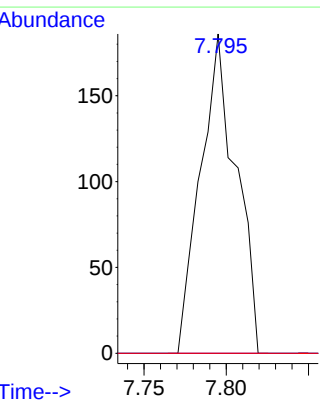
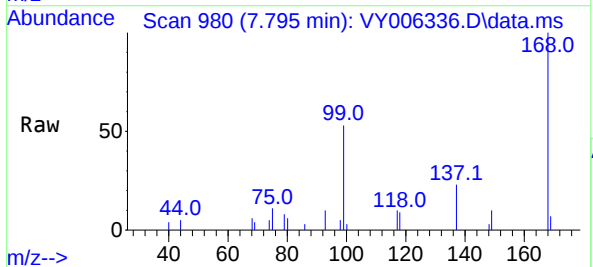
Instrument :
MSVOA_Y
ClientSampled :
SB-2(1.5-2.0)

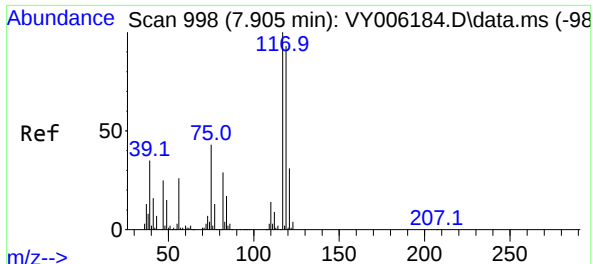
Tgt Ion:113 Resp: 956
Ion Ratio Lower Upper
113 100
111 49.2 82.6 124.0#
192 12.7 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.02 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Tgt Ion: 75 Resp: 279
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

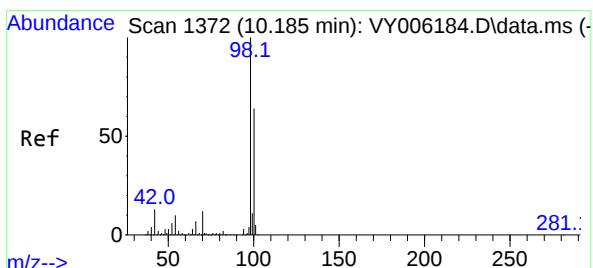
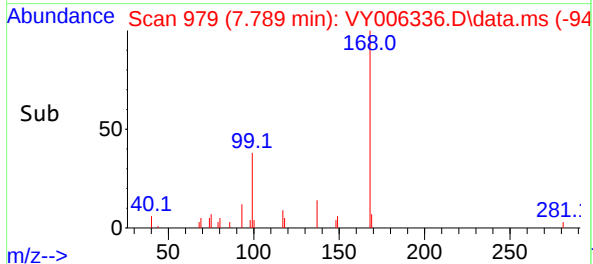
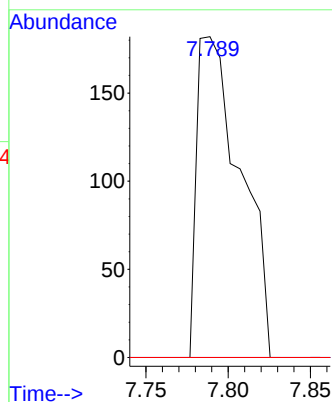
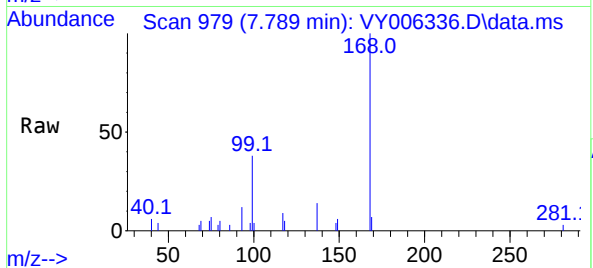




#38
Carbon Tetrachloride
Concen: 4.62 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.116 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

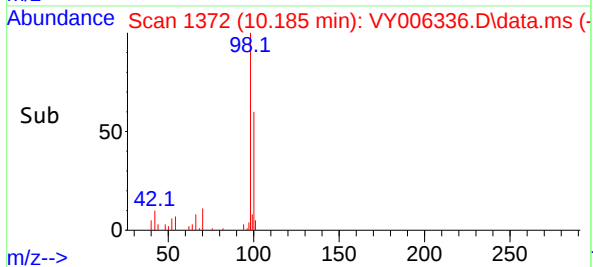
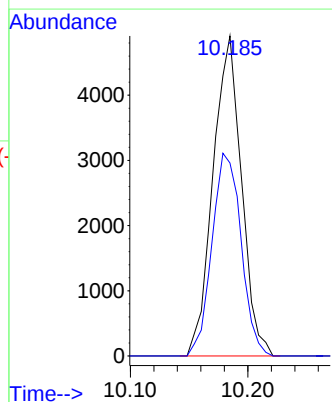
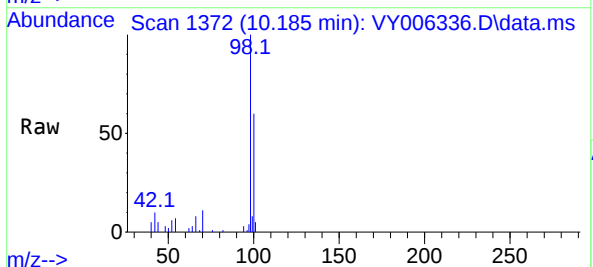
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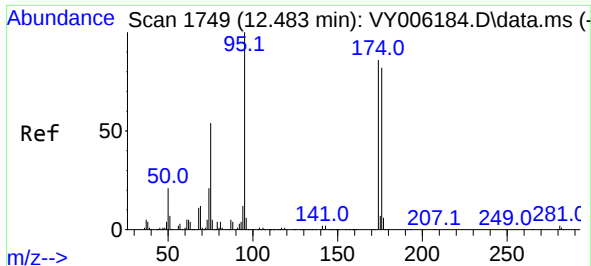
Tgt Ion:117 Resp: 339
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.96 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

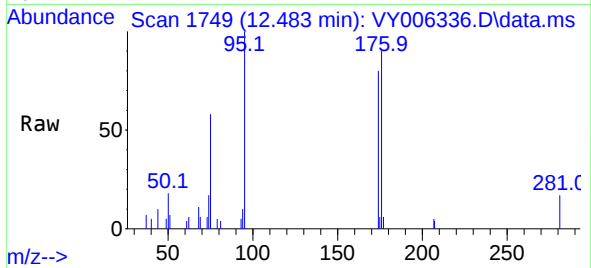
Tgt Ion: 98 Resp: 8271
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



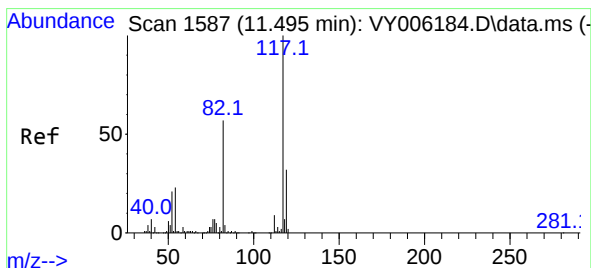
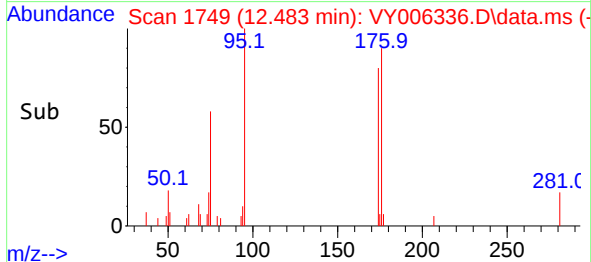
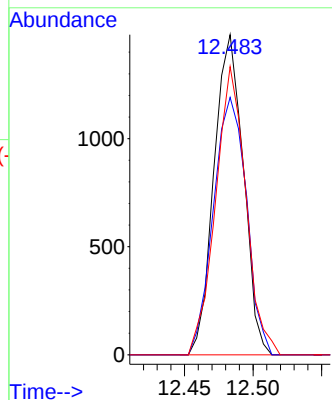


#62
4-Bromofluorobenzene
Concen: 41.51 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

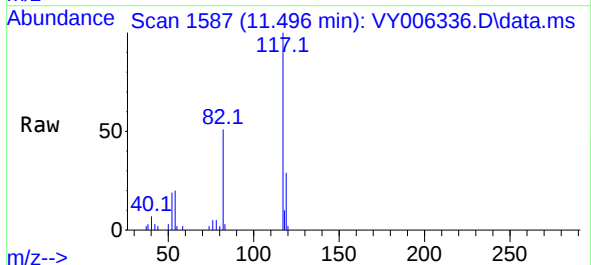
Instrument :
MSVOA_Y
ClientSampleId :
SB-2(1.5-2.0)



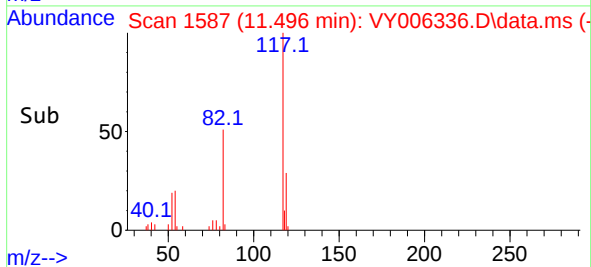
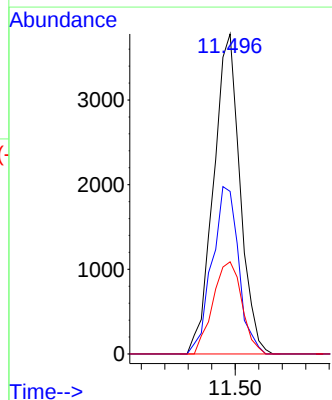
Tgt Ion:	95	Resp:	2202
Ion	Ratio	Lower	Upper
95	100		
174	90.6	0.0	177.0
176	92.9	0.0	175.8

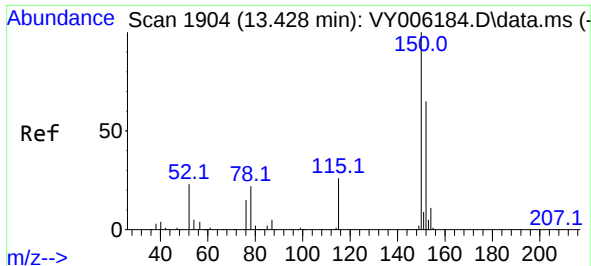


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03



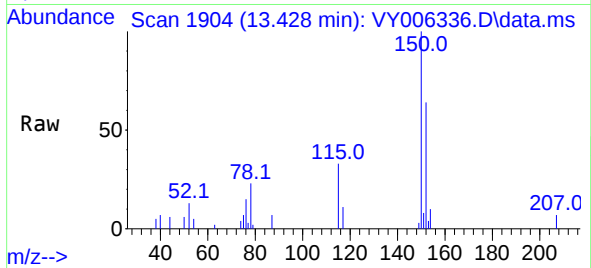
Tgt Ion:	117	Resp:	5906
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.0	64.4
119	28.8	25.4	38.0



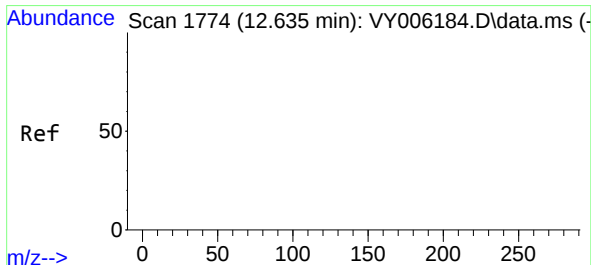
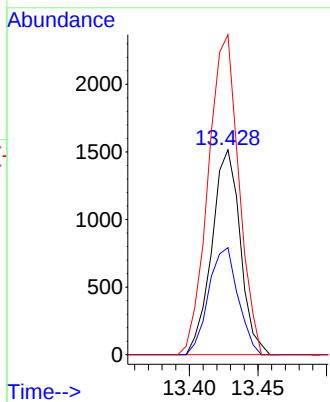
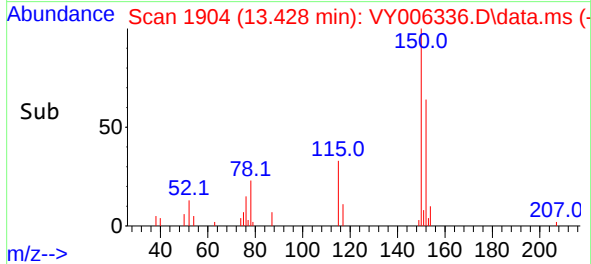


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(1.5-2.0)

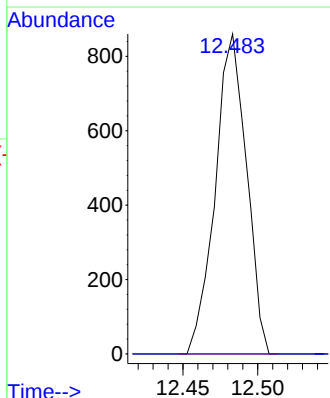
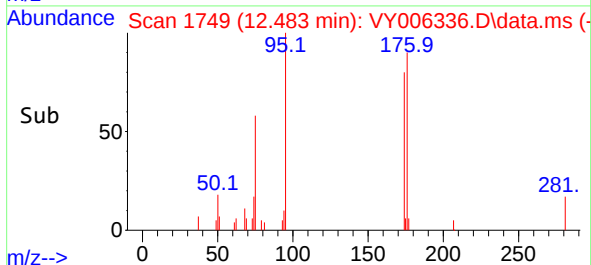
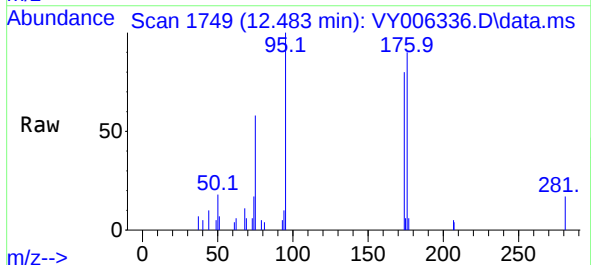


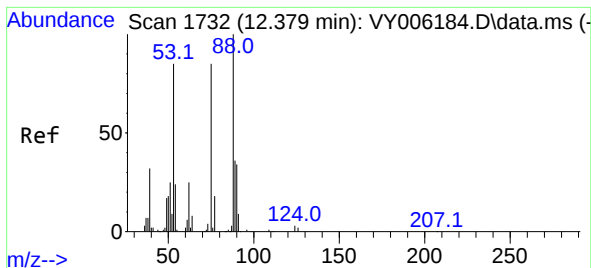
Tgt Ion:152 Resp: 2190
Ion Ratio Lower Upper
152 100
115 54.0 28.2 84.7
150 167.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 58.77 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

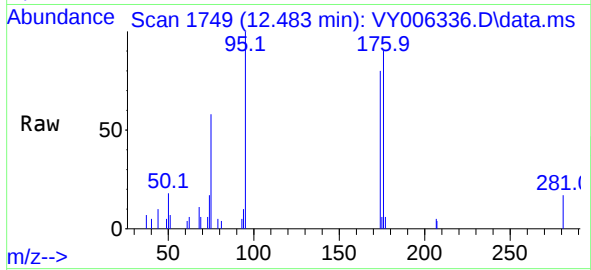
Tgt Ion: 75 Resp: 1251
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 115.50 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY006336.D
Acq: 07 Oct 2021 17:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2(1.5-2.0)



Tgt Ion: 75 Resp: 1251
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

